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Census of Population and Housing, 1990  
[United States]: Summary Tape File 4B

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United States Department of Commerce  
Bureau of the Census

ICPSR 6271



CENSUS OF POPULATION AND HOUSING, 1990 [UNITED STATES]:  
SUMMARY TAPE FILE 4B

(ICPSR 6271)

Principal Investigator

United States Department of Commerce  
Bureau of the Census

ICPSR Version  
December 1999

Inter-university Consortium for  
Political and Social Research  
P.O. Box 1248  
Ann Arbor, Michigan 48106



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U.S. Dept. of Commerce, Bureau of the Census.  
CENSUS OF POPULATION AND HOUSING, 1990 [UNITED STATES]: SUMMARY TAPE FILE 4B [Computer file].  
ICPSR version. Washington, DC: U.S. Dept. of Commerce, Bureau of the Census [producer], 1993. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 1999.

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## DATA COLLECTION DESCRIPTION

United States Department of Commerce. Bureau of the Census  
CENSUS OF POPULATION AND HOUSING, 1990 [UNITED STATES]:  
SUMMARY TAPE FILE 4B (ICPSR 6271)

**SUMMARY:** Summary Tape File 4B contains sample data weighted to represent the total United States population. The collection also contains 100-percent counts and unweighted sample counts for total persons and total housing units. Additional population and housing variables include items such as age, ancestry, disability, citizenship, education, income, marital status, race, sex, travel time to work, hours worked, rent, persons in household, acreage of property, tenure, value of housing unit, number of vehicles, and monthly owner costs. Data are provided for states (and the District of Columbia) and their county subareas. Within STF 4B, data for each state are represented in one "A" record file and 49 "B" record files. The "A" records contain 123 population tables and 80 housing tables. These include five population tables and one housing table showing 37 categories of race and five population tables and one housing table with 26 categories of Hispanic origin. Data are included for all persons for each summary level and geographic component level within a unit of geography. More detailed data are presented in 178 population and 85 housing tables in the "B" records. The "B" records include a separate file for all persons and up to 48 separate race and Hispanic-origin files.

**UNIVERSE:** All persons and housing units in the United States.

**NOTE:** (1) Each state has one "A" record and 49 "B" records. (2) The codebook is provided as a Portable Document Format (PDF) file. The PDF file format was developed by Adobe Systems Incorporated and can be accessed using PDF reader software, such as the Adobe Acrobat Reader. Information on how to obtain a copy of the Acrobat Reader is provided through the ICPSR Website on the Internet.

**EXTENT OF COLLECTION:** 50 data files per state + machine-readable documentation (PDF) + SAS data definition statements + SPSS data definition statements

**EXTENT OF PROCESSING:** CONCHK.PR/ MDATA.PR/ UNDOCCHK.PR/ DDEF.ICPSR/ REFORM.DOC

**DATA FORMAT:** Logical Record Length with SAS and SPSS data definition statements

Record A, All Persons  
Record B, All Persons  
Record B, White  
Record B, Black  
Record B, American Indian,  
    Eskimo, or Aleut  
Record B, American Indian  
Record B, Eskimo  
Record B, Aleut  
Record B, Asian or Pacific  
    Islander  
Record B, Asian  
Record B, Chinese  
Record B, Filipino  
Record B, Japanese  
Record B, Asian Indian  
Record B, Korean  
Record B, Vietnamese  
Record B, Cambodian  
Record B, Hmong  
Record B, Laotian  
Record B, Thai  
Record B, Pacific Islander  
Record B, Hawaiian  
Record B, Samoan  
Record B, Other Races  
Record B, Guamanian  
Record B, Hispanic Origin  
    (of Any Race)  
Record B, Other Races,  
    Not of Hispanic Origin

Record B, Mexican  
Record B, Puerto Rican  
Record B, Cuban  
Record B, Other Hispanic  
Record B, Dominican  
    (Dominican Republic)  
Record B, Central American  
Record B, Costa Rican  
Record B, Guatemalan  
Record B, Honduran  
Record B, Nicaraguan  
Record B, Panamanian  
Record B, Salvadoran  
Record B, South American  
Record B, Argentinian  
Record B, Chilean  
Record B, Colombian  
Record B, Ecuadorian  
Record B, Peruvian  
Record B, Venezuelan  
Record B, White, Not of  
    Hispanic Origin  
Record B, Black, Not of  
    Hispanic Origin  
Record B, American Indian,  
    Eskimo, or Aleut, Not of  
    Hispanic Origin  
Record B, Asian or Pacific  
    Islander, Not of Hispanic  
    Origin

File Structure: rectangular  
Cases: varies by file  
Variables: approx. 540 to 1,000 per part  
Record Length: 8,093  
Records Per Case: 5 to 8 per part

Part 2551: Codebook for All Parts  
Record Length: 80

Parts 2552 and 2553: SPSS  
    Data Definition Statements  
    for "A" and "B" Records  
Record Length: 80

Parts 2554 and 2555: SAS Data  
    Definition Statements for  
    "A" and "B" Records  
Record Length: 80



U.S DEPARTMENT OF COMMERCE  
ECONOMIC AND STATISTICS ADMINISTRATION  
BUREAU OF THE CENSUS  
CENSUS '90

1990 CENSUS OF POPULATION AND HOUSING  
SUMMARY TAPE FILE 4

TECHNICAL DOCUMENTATION



1990 CENSUS OF POPULATION AND HOUSING  
SUMMARY TAPE TITLE 4

TECHNICAL DOCUMENTATION

Issued March 1993

U.S. DEPARTMENT OF COMMERCE  
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JOHN ROLLWAGEN, Deputy Secretary

ECONOMICS AND STATISTICS ADMINISTRATION  
JEFFREY MAYER, Acting Under Secretary  
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The files should be cited as follows:

Census of Population and Housing, 1990: Summary Tape File 4 (Name of State) (machine-readable data files)/prepared by the Bureau of the Census. --Washington: The Bureau (producer and Distributor), 1993.

The technical documentation should be cited as follows:

Census of Population and Housing, 1990: Summary Tape File 4  
Technical Documentation/prepared by the Bureau of the Census.  
--Washington: The Bureau, 1993.

For additional information concerning the files, contact Data User Services Division, Customer Services Branch, Bureau of the Census, Washington, DC 20233. Telephone: 301-763-4100.

For additional information concerning the technical documentation, contact Data User Service Division, Data Access and User Staff, Bureau of the Census, Washington, DC 20233. Telephone: 301-763-2074.

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## ACKNOWLEDGMENTS

---

The Decennial Planning Division, Susan M. Miskura, Chief, coordinated and directed all census operations. Patricia A. Berman, Assistant Division Chief for Content and Data Products, directed the development and implementation of the 1990 Census Tabulation and Publication Program. Other assistant division chiefs were Robert R. Bair, Rachel F. Brown, James L. Dinwiddie, Allen A. Stephenson, and Erwin B. Wagner, Jr. The following branch chiefs made significant contributions: Cheryl R. Landman, Adolfo L. Paez, A. Edward Pike, and William A. Starr. Other important contributors were Linda S. Brudvig, Cindy S. Easton, Avis L. Foote, Carolyn R. Hay, Douglas M. Lee, Gloria J. Porter, and A. Nishea Quash.

The Decennial Operations Division, Arnold A. Jackson, Chief, was responsible for processing and tabulating census data. Assistant division chiefs were: Donald R. Dalzell, Kenneth A. Riccini, Billy E. Stark, and James E. Steed. Processing offices were managed by Alfred Cruz, Jr., Earle B. Knapp Jr., Judith N. Petty, Mark M. Taylor, Russell L. Valentine, Jr., Carol A. Van Horn, and C. Kemble Worley. The following branch chiefs made significant contributions: Jonathan G. Ankers, Sharron S. Baucom, Catharine W. Burt, Vickie L. Cotton, Robert, J. Hemmig, George H. McLaughlin, Carol M. Miller, Lorraine D. Neece, Peggy S. Payne, William L. Peil, Cotty A. Smith, Dennis W. Stoudt, and Richard R. Warren. Other important contributors were Eleanor I. Banks, Miriam R. Barton, Danny L. Burkhead, J. Kenneth Butler, Jr., Albert A. Csellar, Donald H. Danbury, Judith A. Dawson, Donald R. Dwyer, Beverly B. Fransen, Katherine H. Gilbert, Lynn A. Hollanbaugh, Ellen B. Katzoff, Randy M. Klear, Norman W. Larsen, Peter J. Long, Sue Love, Patricia O. Madson, Mark J. Matsko, John R. Murphy, Dan E. Philipp, Eugene M. Rashlich, Willie T. Robertson, Barbara A. Rosen, Sharon A. Schoch, Imelda B. Severdia, Diane J. Simmons, Emmett F. Spiers, Johanne M. Stovall, M. Lisa Sylla, and Jess D. Thompson.

The Housing and Household Economic Statistics Division, Daniel H. Weinberg, Chief, developed the questionnaire content, designed the data tabulations and for the economic and housing characteristics. Gordon W. Green, Jr., Assistant Division Chief for Economic Characteristics, and Leonard J. Norry, Assistant Division Chief for Housing Characteristics, directed the development of this work. The following branch chiefs made significant contributions: William A. Downs, Peter J. Fronczek, Patricia A. Johnson, Enrique J. Lamas, Charies T. Nelson, and Thomas S. Scopp. Other important contributors were Eleanor F. Baugher, Jeanne C. Benetti, Robert L. Bennefield, Robert W. Bonnette, William S. Chapin, Higinio Feliciano, Timothy S. Grall, Cynthia J. Harpine, Selwyn Jones, Mary C. Kirk, Richard G. Kreinsen, Gordon H. Lester, Mark S. Littman, Wilfred T. Masumura, John M. McNeil, Diane C. Murphy, George F. Patterson, Thomas J. Palumbo, Kirby G. Posey, John Priebe, Anne D. Smoler, and

Carmina F. Young.

The Population Division, Paula J. Schnieder, Chief, developed the questionnaire content, designed the data tabulations, and reviewed the data for the demographic and social characteristics of the population. Philip N. Fulton, Assistant Division Chief for Census Programs, directed the development of this work. Other assistant division chiefs were Nampeo R. McKenney and Arthur J. Norton. The following branch and staff chiefs made significant contributions: Jorge H. del Pinal, Campbell J. Gibson, Roderick J. Harrison, Donald J. Hernandez, Jane H. Ingold, Martin T. O'Connell, Marie Pees, J. Gregory Robinson, Phillip A. Salopek, Paul M. Siegel, Robert C. Speaker, Gregory K. Spencer, and Cynthia M. Taeuber. Other important contributors were Celia G. Boertiein, Rosalind R. Bruno, Janice A. Costanzo, Rosemarie C. Cowan, Arthur R. Cresce, Larry G. Curran, Carmen DeNavas, Robert O. Grymes, Kristin A. Hansen, Mary C. Hawkins, Rodger V. Johnson, Michael J. Levin, Edna L. Paisanio, Sherry B. Pollock, Stanley J. Rolark, A. Diane Schmidley, Denise I. Smith, and Nancy L. Sweet.

The Data User Services Division, Gerard C. Iannelli, then Chief, directed the development of data product dissemination and information to increase awareness, understanding, and use of a census data. Marie G. Argana, Assistant Chief for Data User Services, directed preparation of electronic data products and their dissemination. Alfonso E. Mirabal, Assistant Chief for Group Information and Advisory Services, directed activities related to the National Services Program. State Data Centers, and preparation of training materials. The following branch chiefs made significant contributions: Deborah D. Barrett, Frederick G. Bohme, Larry W. Carbaugh, James P. Curry, Samuel H. Johnson, John C. Kavaliunas, and Forrest B. Williams. Other important contributors were Molly Abramowitz, Celestion J. Aguigui, Barbara J. Aldrich, Delores A. Baldwin, Albert R. Barros, Geneva A. Burns, Carmen D. Campbell, James R. Clark, Virginia L. Collins, George H. Dailey, Jr., Barbara L. Hatchl, Theresa C. Johnson, Paul T. Manka, John D. McCall, Jo Ann Norris, David M. Pemberton, Sarabeth Rodriguez, Charles J. Wade, Joyce J. Ware, and Gary M. Young.

The Geography Division, Robert W. Marx, Chief, directed and coordinated the census mapping and geographic activities. Jack R. George, Assistant Division Chief of the TIGER System and related software. Robert A. LaMacchia, Assistant Division Chief for Planning, directed the planning and implementation of processes for defining 1990 census geographic areas. Silla G. Tomasi, Assistant Division Chief for Operations, managed the planning and implementation of 1990 census mapping applications using the TIGER System. The following branch chiefs make significant contributions: Frederick R. Broome, Charles E. Dingman, Linda M. Franz, David E. Galdi, Dan N. Harding, Donald I. Hirschfeld, David B. Meixler, Peter Rosenson, Joel Sobel, Brian Swanhart, and Richard Trois. Other important contributors were Gerard Boudriault, Desmond J. Carron, Anthony W. Castanzo, Paul W. Daisey, Beverly A. Davis, Carl S. Hantman Christine J. Kinnear, Terence D. McDowell, Linda M. Pike,



Rose J. A. Quarato, Lourdes Ramirez, Gavin H. Shaw, Daniel L. Sweeney, Timothy F. Trainor, Phyllis S. Willette, and Walter E. Yergen.

The Statistical Support Division, John H. Thompson, Chief, directed the application of mathematical statistical techniques in the design and conduct of the census. John S. Linebarger, Assistant Division Chief for Quality Assurance, directed the development and implementation of operational and software quality assurance. Henry F. Woltman, Assistant Division Chief for Census Design, directed the development and implementation of sample design, disclosure avoidance, weighting, and variance estimation. Howard Hogan and David V. Bateman were contributing assistant division chiefs. The following branch chiefs made significant contributions: Florence H. Abramson, Deborah H. Griffin, Richard A. Griffin, Lawrence I. Iskow, and Michael L. Mersch. Other important contributors were Linda A. Flores-Baez, Larry M. Bates, Somonica L. Green James E. Hartman, Steven D. Jarvis, Alfredo Navarro, Eric L. Schindler, Carolyn T. Swan, and Glenn D. White.

The 1990 Census Redistricting Data Office, Marshall L. Turner, Jr., Chief, assisted by Cathy L. Talbert, directed the development and implementation of the 1990 Census Redistricting Data Program.

The Administrative and Publications Services Division, Walter C. Odom, Chief, provided direction for the census administrative services, publications, printing, and graphics functions. Michael G. Garland was a contributing assistant division chief. The following branch and staff chiefs made significant contributions: Bernard E. Baymler, Albert W. Cosner, Gary J. Lauffer, Gerald A. Mann, Clement B. Netties, Russell Price, and Barbara J. Stanard. Other important contributors were Barbara M. Abbott, Robert J. Brown, David M. Coontz, and John T. Overby.

The Data Preparation Division, Joseph S. Harris, Chief, provided management of a multi-operational facility including kit preparation, procurement, warehousing and supply, and census processing activities. Plummer Alston, Jr., and Patricia M. Clark were assistant division chiefs.

The Field Division, Stanley D. Matchett, Chief, directed the census data collection and associated field operations. Richard L. Bitzer, Richard F. Blass, Karl K. Kindel, and John W. Marshall were assistant division chiefs. Regional office directors were William F. Adams, John E. Bell, LaVerne Collins, Dwight P. Dean, Arthur G. Dukakis, Shelia H. Grimm, William F. Hill, James F. Holmes, Stanley D. Moore, Marvin L. Postma, John E. Reeder, and Leo C. Schilling.

The Personnel Division, David P. Warner, Chief, provided management direction and guidance to the staffing, planning pay systems, and employee relations programs for the census. Colleen A. Woodard was the assistant chief.

The Technical Services Division, C. Thomas DiNenna, Chief, designed, developed, deployed, and produced automated technology for census data processing.



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ABSTRACT

The user should note that there are limitations to many of these data. Please refer to the technical documentation provided with Summary Tape File 4 for a further explanation on the limitations of the data.

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CITATION

CENSUS OF POPULATION AND HOUSING, 1990: SUMMARY TAPE FILE 4  
 (machine-readable data files)/prepared the Bureau of the Census.  
 -Washington: The Bureau (producer and distributor), 1993.

TYPE OF FILE

Summary statistics.

UNIVERSE DESCRIPTION

All persons and housing units in the United States.

SUBJECT MATTER DESCRIPTION

Summary Tape File 4 (STF 4) contains sample data weighted to represent the total population. In addition, the file contains 100-percent counts and unweighted sample counts for total persons and total housing units. Other population and housing items are listed below. Please see the List of Tables chapter for a complete listing.

POPULATION ITEMS INCLUDE:

- |                     |                            |
|---------------------|----------------------------|
| Acreage of property | Mobility limitation status |
| Age                 | Nativity                   |
| Ancestry            | Persons in families        |
| Children ever born  | Persons in households      |

|                                 |                             |
|---------------------------------|-----------------------------|
| Citizenship                     | Place of birth              |
| Class of worker                 | Place of work               |
| Educational attainment          | Poverty status In 1989      |
| Employment status               | Private vehicle occupancy   |
| Family type                     | Race                        |
| Farm and nonfarm population     | Residence in 1985           |
| Group quarters                  | School enrollment           |
| Hispanic origin                 | Self-care limitation status |
| Hours worked                    | Sex                         |
| Household type and relationship | Travel time to work         |
| Income in 1989                  | Urban and rural population  |
| Industry                        | Veteran/military status     |
| Language spoken at home         | Work status in 1989         |
| Marital status                  | Workers in family in 1989   |
| Means of transportation to work | Year of entry to U.S.       |

## HOUSING ITEMS INCLUDE:

|                                 |                                  |
|---------------------------------|----------------------------------|
| Acreage of property             | Selected monthly owner costs     |
| Age of householder              | Sewage disposal                  |
| Bedrooms                        | Source of water                  |
| Condominium status              | Telephone availability           |
| Heating fuel                    | Tenure                           |
| Hispanic origin of householders | Units in structure               |
| Housing units                   | Urban and rural housing          |
| Kitchen facilities              | Utilities in rent                |
| Meals included in rent          | Value of housing unit            |
| Mortgage status                 | Vehicles available               |
| Occupancy status                | Water source                     |
| Plumbing facilities             | Year householder moved into unit |
| Race of householder             | Year structure built             |
| Rent                            |                                  |
| Rooms                           |                                  |

STF 4 has three files--4A, 4B, and 4C. Within each file, data are represented in A and B records. Each record type presents a different set of tables.

In STF 4A, 4B, and 4C files, the A records have 123 population (PA) and 80 housing (HA) tables. These include 5 population tables and 1 housing table showing 37 categories of race and 5 population tables and 1 housing table with 26 categories of Hispanic origin. Within each file, the A record provides data for all persons for each summary level and geographic component level within a unit of geography.

In STF 4A, 4B, and 4C files, the B records present more detailed data in 178 population (PB) and 85 housing (HB) tables. The B records are available in separate files for all persons and for specific race and Hispanic origin characteristics (note that the housing tables are Marital status based on the race and Hispanic origin of the householder) for each summary level and geographic

component level within a unit of geography.

In STF 4A, the B records are available for all and up to 9 specific race and Hispanic origin characteristics--White; Black; American Indian, Eskimo, or Aleut; Asian or Pacific Islander; Other race; Hispanic origin (of any race); White, not of Hispanic origin; Black, not of Hispanic origin; and Other races, not of Hispanic origin.

In STF 4B and 4C, the B records are available for all persons and up to 48 race and Hispanic origin characteristics. Chart 2 in the How to Use This File chapter of this technical documentation gives a complete list of these race and Hispanic origin characteristics.

The Table (Matrix) Outlines chapter gives a complete description of all tables in the A and B records. Note that many of the tables contain data for selected aggregates and medians.

#### GEOGRAPHIC COVERAGE

In STF 4A, 4B, and 4C files, the A record layouts are identical and the B record layouts are identical but the geographic coverage among the files differs. This abstract lists only the most frequently accessed geographic levels. The Summary Level Sequence Charts chapter outlines the hierarchical and inventory summaries in their entirety.

STF 4A provides data for States and their subareas in hierarchical sequence down to the census tract/block numbering area level. An inventory (complete) summary is available for the Metropolitan Statistical Area/Consolidated Metropolitan Statistical Area (MSA/CMSA) within a State. The hierarchical sequence is shown below:

#### State

- Metropolitan Statistical Area/Consolidated Metropolitan Statistical Area (or MSA/CMSA part)
- County
- Place (10,000 or more persons) (or place part)
- Census Tract/Block Numbering Area

STF 4B provides data for States as shown in the hierarchy shown below. Each of these geographic areas has an inventory (complete) summary.

#### State

- County
- County subdivision with 2,500 or more persons (12 States)
- County subdivision with less than 2,500 persons and in an MSA/CMSA (6 States)
- Place with 2,500 or more persons
- Consolidated city
- American Indian Reservation (with or without Trust Lands) and Alaska Native Village Statistical Area

## Alaska Native Regional Corporation

STF 4C provides summaries for the entire United States. The file structure is as follows:

- United States
- Region
- Division
- State
  - County
    - County subdivision with 10,000 or more persons (12 States)
    - County subdivision with less than 10,000 persons and in an MSA/CMSA (6 States)
    - Place with 10,000 or more persons
    - Consolidated city
  - American Indian Reservation (with or without Trust Lands)
  - Alaska Native Village Statistical Area
  - Alaska Native Regional Corporation
  - Metropolitan Statistical Area/Consolidated Metropolitan Statistical Area
  - Urbanized Area

## RELATED PRODUCTS

Listed below are the 1990 census printed reports containing sample data from STF 3 and STF 4. These reports will be available from Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. To obtain the GPO stock numbers and prices, call Customer Services, Data User Services Division, Bureau of the Census, Washington, DC 20233. Phone: 301-763-4100. FAX: 301-763-4794. An order form follows this abstract.

1990 CPH-3, POPULATION AND HOUSING CHARACTERISTICS FOR CENSUS TRACTS AND BLOCK NUMBERING AREAS. One report will be published for each metropolitan area (MA) and one for the non-metropolitan balance of each State, Puerto Rico and the U.S. Virgin Islands showing data for most of the population and housing subjects included in the 1990 census. Some tables will be based on the 100-percent tabulations, others on the sample tabulations. Scheduled for release in 1993.

1990 CPH-4, POPULATION AND HOUSING CHARACTERISTICS FOR CONGRESSIONAL DISTRICTS OF THE 103RD CONGRESS. A report for each State and the District of Columbia which provides both 100-percent and sample data for States, congressional districts and, within congressional districts, counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in 12 States, and American Indian and Alaska Native area. Scheduled for release in 1993.

1990 CPH-5, SUMMARY SOCIAL, ECONOMIC, AND HOUSING CHARACTERISTICS. These report, issued for the United States, States, District of Columbia, Puerto Rico, and the U.S. Virgin Islands, provide sample population and housing data for States and local governmental units (i.e., counties, places, towns, and townships),



other county subdivisions, and American Indian and Alaska Native areas.

1990 CP-2, SOCIAL AND ECONOMIC CHARACTERISTICS. These reports are issued for the United States, States, District of Columbia, Puerto Rico, and the U.S. Virgin Islands. They focus on the population subjects collected on a sample basis in 1990. Data are shown for States (including summaries such as urban and rural), counties, places of 2,500 or more inhabitants, county subdivisions of 2,500 or more inhabitants in selected States, Alaska Native areas, and each State portion of American Indian areas. Scheduled for release in 1993.

1990 CP-2-1A, SOCIAL AND ECONOMIC CHARACTERISTICS FOR AMERICAN INDIAN AND ALASKA NATIVE AREAS. Data are shown for American Indian and Alaska Native areas. Scheduled for release in 1993.

1990 CP-2-1B, SOCIAL AND ECONOMIC CHARACTERISTICS FOR METROPOLITAN AREAS. Data are shown for MA's. Scheduled for release in 1993.

1990 CP-2-1C, SOCIAL AND ECONOMIC CHARACTERISTICS FOR URBANIZED AREAS. Data are shown for urbanized areas (UA's). Scheduled for release in 1993.

1990 CP-3, POPULATION SUBJECT REPORTS. Several reports are planned covering population subjects and subgroups. Geographic areas generally will include the United States, regions, and divisions; some reports may include data for highly populated areas, such as States, MA's, counties and large places. Scheduled for release in 1993.

1990 CH-2, DETAILED HOUSING CHARACTERISTICS. These reports, issued for the United States, States, District of Columbia, Puerto Rico, and the U.S. Virgin Islands, focus on the housing subjects collected on a sample basis in 1990. Data are shown for States (including summaries such as urban and rural), counties, places of 2,500 or more inhabitants, county subdivisions of 2,500 or more inhabitants in selected States, Alaska Native areas and the State portion of American Indian areas. Scheduled for release in 1993.

1990 CH-2-1A, DETAILED HOUSING CHARACTERISTICS FOR AMERICAN INDIAN AND ALASKA NATIVE AREAS. Data are shown for American Indian and Alaska Native areas. Scheduled for release in 1993.

1990 CH-2-1B, DETAILED HOUSING CHARACTERISTICS FOR METROPOLITAN AREAS. Data are shown for MA's. Scheduled for release in 1993.

1990 CH-2-1C, DETAILED HOUSING CHARACTERISTICS FOR URBANIZED AREAS. Data are shown for UA's. Scheduled for release in 1993.

1990 CH-3, HOUSING SUBJECT REPORTS. Various housing subject reports are planned covering 1990 census items. Geographic areas generally include the United States, regions, and divisions; some reports may include data for other highly populated geographic areas such as States, MA's, counties, and large places. Scheduled for release in 1993.

#### RELATED REFERENCE MATERIALS

1990 CENSUS OF POPULATION AND HOUSING TABULATION AND PUBLICATION

PROGRAM. This booklet provides descriptions of data products available from the 1990 census. Available without charge from Customer Services, Data User Services Division, Bureau of the Census, Washington, DC 20233. Phone: 301-763-4100. FAX: 301-763-4794.

CENSUS '90 BASICS. This booklet provides a general overview of the census activity and detailed information on census content, geographic areas, and products. Available without charge from Customer Services (see above).

CENSUS ABC'S-APPLICATIONS IN BUSINESS AND COMMUNITY. This booklet highlights key information about the 1990 census and illustrates a variety of ways the data can be used. Available without charge from Customer (see above).

1990 CPH-R-1A, 1990 CENSUS OF POPULATION AND HOUSING GUIDE, Part A. Text. This provides detailed information about all aspects of the census. Available from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. GPO S/N 003-024-08574-7. Price: \$11.

1990 CPH-R-1B, 1990 CENSUS OF POPULATION AND HOUSING GUIDE, Part B, Glossary. This is available from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. GPO S/N 003-024-08679-4. Price: \$5.50. Part C, Index, provides an index of Summary Tape Files 1-4 and will be available in the spring of 1993.

#### RELATED MACHINE-READABLE DATA FILES

STF 420 PLACE OF WORK 20 DESTINATIONS FILE. This file will be issued on computer tape or tape cartridge for each State. It contains 20 place of work destinations uniquely defined for each county and tabulated to the census tract/block numbering area of origin. The 20 workplace destinations represent a variety of geographic areas (places, counties, and metropolitan areas). An additional item, "worked elsewhere," tallies all workers living in an area whose work place is somewhere other than one of those included in items 1-20. Data are cross-tabulated by the major race and Hispanic groups. This file is a companion to STF 4 and must be ordered and purchased separately.

#### TECHNICAL DESCRIPTION

A records for STF 4 have 40,465 characters divided into 5 segments of 8,093 characters each. The B records for STF 4 have 64,744 characters divided into 8 segments of 8,093 characters each. The first 300 characters of each segment contain geographic information.

#### FILE AVAILABILITY

STF 4A and B files will be available for States and for the District of Columbia. Files will be sold by State and by individual race or Hispanic origin characteristic within the State.

For STF 4A, there will be potentially 11 separate tape files for

each State: one for the A record and 10 for the B records. For STF 4B, there will be a maximum of 50 separate files for each State: one for the A record and 49 for the B record. If a State's population does not include a specific race or Hispanic origin characteristic, there will be no file for that characteristic.

For STF 4C, the U.S. summary file, there will be up to 50 separate files for all persons and race and Hispanic origin characteristics. Again, if a State's population does not include a special characteristic, there will be no data for that characteristic.



## HOW TO USE THIS FILE

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## INTRODUCTION

This chapter serves as a guide for data users to both the tape and the technical documentation. Novice users trying to understand how to use the documentation and the file should read this chapter first.

STF 4 A, B, and C files differ from other STF files; each STF 4 file has A and B records. STF 2 has A and B records as well. The A records present data for all persons in 123 population (PA) tables and in 80 housing (HA) tables. The B records present more detail in 178 population (PB) and 85 housing (HB) tables. The B records are available in separate files for all persons and for specific race and Hispanic origin characteristics. The B records in STF 4A are available for all persons and 9 separate race and Hispanic origin characteristics; in 4B and 4C, for all persons and 48 separate race and Hispanic origin characteristics. The Table (Matrix) Outlines chapter gives a complete description of all tables in the A and B records.

## DOCUMENTATION CHAPTERS

The Abstract chapter in this documentation provides a quick overview of the file, including the formal title, geographic coverage, subject coverage, and file availability. Also shown are citations for related reference materials and printed reports. Their titles and geography are included in this section, along with purchasing information.

The Subject Locator is an aid to finding which tables provide the information needed. The List of Tables (Matrices) and the Table (Matrix) Outlines provide two types of presentations for the tables available in the file. The List of Tables (Matrices) has the table titles and universes.

The Table (Matrix) Outlines offer a detailed presentation of the tables. When reviewing the tables, remember that a colon (:) following an entry indicates the entry is a heading, not a data cell.

## USER NOTES

Information about file or documentation changes sometimes becomes available after the documentation has been printed. User notes inform the user community about these changes. These are issued in a numbered series. If there are technical documentation

changes, revised pages usually accompany them. The revised pages should be inserted in their proper location, but the user note cover sheet should be filed in the User Notes chapter. Technical notes, which contain file errata, are also issued by the Census Bureau. We suggest filing these following appendix I.

#### DATA DICTIONARY

The data dictionary describes the file and provides character locations for each variable and each table. It has two elements, the identification section and the table (matrix) section.

In the identification section, the components include the field name; the data dictionary reference name, a short mnemonic for use with software packages; field size; starting position; and data type (alphabetic, numeric, or alphanumeric).

The identification section of the data dictionary is identical for all summary tape files. It provides a list of the geographic codes or refers the user to the appropriate source. Review the footnotes carefully; they provide explanations for various terms. These footnotes are listed at the end of the identification section of the data dictionary.

The table (matrix) section provides information on the table (matrix) number; table (matrix) description; number of implied decimals in each cell (if not 0); starting position within the record, within the segment, and for all cells within the first-level variable; and cell coordinates.

There also is a machine-readable data dictionary file on the data tape. This dictionary is designed to be converted for use with various software packages.

#### APPENDIXES

Detailed information on geographic areas is in appendix A followed by subject-matter definitions in appendix B. Appendix C provides detailed statistical information about the data while appendix D outlines the data collection and procedures. Facsimiles of both the respondent instructions and 1990 census long-form questionnaire are in appendix E.

Appendix F furnishes detailed information on all the data products of the 1990 census, as well as suggested sources of information and assistance. Map information is included in appendix G. The record layout for the machine-readable data dictionary file that accompanies each tape order is in appendix H.

Appendix I contains the code lists used in processing the data. These are especially helpful in determining the components included in categories such as race or group quarters. These codes are used in conjunction with the table (matrix) outlines and data dictionary chapters. In the file presentation included in those chapters, some cell entries are followed by numeric codes in parentheses. These are the codes included in that cell. For example, in a table including race, the entry for Asian or Pacific Islander is followed by

(600-699, 976-985). The code list for race in appendix I identifies all the race codes included in the Asian or Pacific Islander category.

#### COUNT CORRECTIONS

The Census Bureau issues population count corrections on an occasional basis. Count corrections for geography at the place level and above are available from Customer Services, Data User Services Division, Bureau of the Census, Washington, DC 20233. Count corrections for geography at the census tract/BNA level or below are available from Population Division, Bureau of the Census, Washington, DC 20233. When requesting these corrections, please include the desired census tract/BNA, block group, or block numbers.

#### USING THE FILE

##### INTERNAL FILE LABELS

SYSTEM LABELS--Tape orders which specify labeled tapes will have a standard American National Standards Institute (ANSI) label. The system label consists of 17 characters. In A records, 15 characters are used and the last 2 are "x" filled. In B records, 15 characters are used with the last 2 "x" filled. The 1990 STF 4 files have a Data Set Name (DSN) of STF4tXss. FnnAAAxx (for A records) and STF4tXss.fnncccxx (for B records). The "t" in the DSN is A, B, or C depending on the file, "ss" is the United States Postal Service (USPS) State abbreviation, and "nn" is a two-digit number with leading zeros identifying the tape volume sequence. The "ccc" is the three-character iteration code for the B records. The "X" "F", and the last two "x's" in the DSN remain constant.

For example, the first file of A records for STF 4B for California will be named STF4BXCA.F01AAAxx and the first file of B records will be named STF4BXCA.F01000xx and so forth. See Chart 1 for more examples of specific data set names for the files.

USER LABELS--Each user tape will have six user header labels and six user trailer labels. These labels combine information from the system label and the identification portion of the first and last record. These labels enable the user to quickly identify the beginning and ending records on each tape.

USER HEADER LABELS--The user header labels are designated UHL1 through UHL6. UHL1 and UHL2 repeat information from the system label in HDR1 and HDR2. (See the State-specific File Information section.) UHL3 and UHL4 contain information from the identification portion of the first record on the tape. UHL5 and UHL6 contain a statement regarding the data limitations.

USER TRAILER LABELS--The user trailer labels are designated UTL1 through UTL6. UTL1 and UTL2 contain information from the system

trailer label. UTL3 and subsequent user trailer labels contain identification information from the last record on the tape. The unused portion of UTL6 is blank filed.

#### STATE-SPECIFIC FILE INFORMATION

State-specific file information, such as record counts, is not provided in the technical documentation. However, each tape order is accompanied by a tape creation sheet. This sheet provides the file name, file label (HDR1), the third user header label (UHL3), record size, block size, and record count. The third user header label for each reel identifies the geography for the first record on the reel. For example, the UHL3 at the beginning of each reel of a three-reel file for a State provides the geography for the first record. If the geography needed is on reel three, only reel three needs to be processed.

The tape creation sheet received with the tape should be filed in the technical documentation notebook or with other tape information maintained by the user.

#### SUMMARY LEVEL SEQUENCE CHARTS AND GEOGRAPHIC AREA COMPONENT CODES

The Summary Level Sequence Charts chapter and the geographic area component codes provide important information for using the 1990 census summary tape files. The Summary Level Sequence Charts chapter for STF 4 files identifies the geographic levels for which data are provided. It is easy to determine this if you remember that the last geographic area type listed in the sequence identifies the geography of the summary level; the prior codes simply define the hierarchy.

For example, in summary level 141, the hierarchy listed is State--Metropolitan Statistical Area/Consolidated Metropolitan Statistical Area/Remainder-Primary Metropolitan Statistical Area/Remainder-County-Census Tract/Block Numbering Area (BNA). The record actually contains data for a census tract/BNA within a given county, metropolitan area, and State.

When reading the Summary Level Sequence Charts chapter, it is important to recognize that dashes (--) separate the individual hierarchies while slashes (/) separate different types of geography within the same hierarchy. For example, State--county--census tract/BNA identifies a record hierarchy for a census and tract or BNA within a county within a State. After identifying the summary level code, turn to chart 4 at the end of this chapter to determine the geographic area codes and area characteristics provided on the tape for this summary level. Remember that an asterisk (\*) indicates a code in that field. The code may be one of the standard codes described below.

The Summary Level Sequence Charts chapter also provides geographic component code information. This code identifies the various geographic components for which the record is repeated within the summary level. These component codes are provided in the identification section of the data dictionary beginning in position



14. For example, the Summary Level Sequence Chart for STF 4A indicates that the summary level for State records (040) has geographic component codes 00, 20, and 30. By turning to the geographic component variable in the data dictionary, you can determine that the tables for summary level 040 (State) are available for total geography (State) (geographic component=00), portion in Metropolitan Statistical Area/Consolidated Metropolitan Statistical Area (geographic component=20), and portion not in metropolitan statistical area/consolidated metropolitan statistical area (geographic component=30).

In short, always check the geographic code, the summary level (beginning in position 11 of the data dictionary), the geographic component code (beginning in position 14 of the data dictionary), and the characteristic iteration (beginning in position 16 of the data dictionary) for complete identification of an STF 4 record.

#### A AND B RECORDS

STF 4 has three files--4A, 4B, 4C. Within each file, data are represented in A and B records. The A and B records can be identified by the characteristic iteration field (CHARITER, position 16 in the data dictionary).

Each record type presents a different set of tables. The Table (Matrix) Outlines chapter gives a complete description of all tables in the A and B records.

The A records have 123 population (PA) and 80 housing (HA) tables. These include 5 population tables and 1 housing table with 37 categories of race and 5 population tables and 1 housing table with 26 categories of Hispanic origin. Within each file, the A record provides data for all persons for each summary level and geographic component level within a unit of geography. Since the characteristic iteration in the A record is always all persons, the A record can be identified by blanks in the characteristic iteration field.

In STF 4A, 4B, and 4C files, the B records present more detail in 178 population (PB) and 85 housing (HB) tables. The B records are available in separate files for all persons and for specific race and Hispanic origin characteristics (note that the housing tables are based on the race and Hispanic origin of the householder) for each summary level and geographic component level within a unit of geography. The B records are identified by numbers in the characteristic iteration field. Chart 1 gives data set names and examples of characteristic iterations for A and B records. Chart 2 lists the iteration codes for the A and B records in STF 4A, and STF 4B/4C.

In STF 4A, the B records are available for all persons and up to 9 separate race and Hispanic origin characteristics--White; Black; American Indian, Eskimo, or Aleut; Asian or Pacific Islander; other race; Hispanic origin (of any race); White, not of Hispanic origin; Black, not of Hispanic origin; and other races, not of Hispanic origin.

STF 4B and 4C, the B records are available for all persons and

up to 48 separate race and Hispanic origin characteristics. Again, Chart 2, Characteristic Iterations, gives the complete list of these race and Hispanic origin characteristics.

COMPARING CHARACTERISTICS--In the B records, each characteristic iteration with all of its tables, is available in a separate file. Therefore, to compare data for two or more characteristic iterations (for race or Hispanic origin), you must extract the desired data from separate files and create a file containing data for characteristics you wish to compare.

CHART 1. DATA SET NAMES FOR A AND B RECORDS OF STF 4

|             | STF 4A            | STF 4B            | STF4C             |
|-------------|-------------------|-------------------|-------------------|
| A RECORDS   |                   |                   |                   |
| All persons | STF4AXCA.F01AAAxx | STF4BXCA.F01AAAxx | STF4CXCA.F01AAAxx |
| B RECORDS   |                   |                   |                   |
| All Persons | STF4AXCA.F01000xx | STF4BXCA.F01000xx | STF4CXCA.F01000xx |
| White       | STF4AXCA.F01001xx | STF4BXCA.F01001xx | STF4CXCA.F01001xx |
| Black       | STF4AXCA.F01002xx | STF4BXCA.F01002xx | STF4CXCA.F01002xx |
| .           | STF4AXCA.F01nthxx | STF4BXCA.F01nthxx | STF4CXCA.F01nthxx |
| .           | STF4AXCA.F01nthxx | STF4BXCA.F01nthxx | STF4CXCA.F01nthxx |
| .           | STF4AXCA.F01nthxx | STF4BXCA.F01nthxx | STF4CXCA.F01nthxx |

CHART 2. CHARACTERISTIC ITERATIONS

SUMMARY TAPE FILE 4A

A RECORD

Blanks All persons

B RECORD

- 000 All persons
- 001 White
- 002 Black
- 003 American Indian, Eskimo, or Aleut
- 007 Asian or Pacific Islander
- 023 Other race
- 100 Hispanic origin (of any race)
- 120 White, not of Hispanic origin
- 121 Black, not of Hispanic origin
- 124 Other races, not of Hispanic origin

SUMMARY TAPE FILE 4B/4C

A RECORD

Blanks All persons

B RECORD

000 All persons  
001 White  
002 Black  
003 American Indian, Eskimo, or Aleut  
004 American Indian  
005 Eskimo  
006 Aleut  
007 Asian or Pacific Islander  
008 Asian  
009 Chinese  
010 Filipino  
011 Japanese  
012 Asian Indian  
013 Korean  
014 Vietnamese  
015 Cambodian  
016 Hmong  
017 Laotian  
018 Thai  
019 Pacific Islander  
020 Hawaiian  
021 Samoan  
022 Guamanian  
023 Other race  
100 Hispanic origin (of any race)  
101 Mexican  
102 Puerto Rican  
103 Cuban  
104 Other Hispanic  
135 Dominican (Dominican Republic)  
136 Central American  
137 Costa Rican  
138 Guatemalan  
139 Honduran  
140 Nicaraguan  
141 Panamanian  
142 Salvadoran  
143 South American  
144 Argentinian  
145 Chilean  
146 Colombian  
147 Ecuadorian  
148 Peruvian  
149 Venezuelan  
120 White, not of Hispanic origin  
121 Black, not of Hispanic origin  
122 American Indian, Eskimo, or Aleut, not of Hispanic origin  
123 Asian or Pacific Islander, not of Hispanic origin  
125 Other race, not of Hispanic origin

## RECORD IDENTIFICATION

Each record on a summary tape file is uniquely identified by a combination of specific geographic codes (for example, State, county, and/or county subdivision code(s)), summary level, geographic component code, and characteristic iteration. Chart 2 indicates that for the A records, data are presented for all persons in STF 4A, 4B, and 4C. The B records for STF 4A, 4B, and 4C are available for all persons or an individual race or Hispanic origin characteristic as shown in the same chart.

For example, if you have an STF 4B file and want to show the population for Vietnamese in Los Angeles County, table PA5 in the A records file provides data for all persons in each of the 37 categories of race including Vietnamese. The record providing these data is retrieved by specifying the summary level code for county records (50), the total record for geographic components (00), the characteristic iteration for the A record (blanks), and the county code for Los Angeles County (037).

A second example illustrates how to get more detailed information about the Vietnamese population. In STF 4B, the B records files provide tables for a specific race or Hispanic population, such as Vietnamese. Therefore, if you want more detailed data for the Vietnamese population in Los Angeles County, you would purchase the B records file with the specific characteristic iteration for Vietnamese (014) from STF 4B. The record providing these data for a race or Hispanic origin group is retrieved by specifying the summary level code for county records (050), the total record for geographic components (00), the characteristic iteration for the B record (014 for Vietnamese), and the county code for Los Angeles County (037).

Remember, when using the A records or the B records, you must check all four fields--the summary level code, the geographic component, the characteristic iteration, and the county code--or you will find multiple records.

## RECORD SEGMENTATION

Logical records are divided into segments, each containing identification information and specific tables. The logical record has a record sequence number which is repeated in each segment. This is the logical record number (LOGRECNU) which appears in position 19 of each segment. Following this, in position 25, is the logical record part number (LOGRECPN). The LOGRECPN indicates the segment number for a block of data within a record. See Chart 3, Segmentation of the STF 4 Records, for a list of segments for the STF 4 File. The total number of parts, or segments, in a record (PARTREC) are shown in position 29.

The A records of STF 4 each have 40,465 characters divided into 5 segments. The B records of STF 4 each have 64,744 characters divided into 8 segments. Each segment of the A records and the B records of STF 4 has 8,093 characters including 300 characters of

geographic identification information followed by tables (matrices). Tables split across segments are indicated in Chart 3. The geographic identification information layout for each segment is identical to the identification section described in positions 1-300 of the data dictionary. Filler characters appear in the record to complete a record segment. Each A and B record is sold as a separate file.

The machine-readable data dictionary, which accompanies STF 4 files, provides information on these table (matrix) splits across segments.

CHART 3. SEGMENTATION OF STF 4 RECORDS.

| RECORD A                              |   |
|---------------------------------------|---|
| SEGMENT 1                             |   |
| Geographic Identification Information | PA1 through<br>PA25-146 data cells                    |
|                                       | 8,093 characters including<br>8 characters filler     |
| SEGMENT 2                             |   |
| Geographic Identification Information | PA25-169 data cells-through<br>PA101-6 data cells     |
|                                       | 8,093 characters including<br>5 characters filler     |
| SEGMENT 3                             |   |
| Geographic Identification Information | PA101-14 data cells-through<br>H35-47 data cells      |
|                                       | 8,093 characters including<br>8 characters filler     |
| SEGMENT 4                             |   |
| Geographic Identification Information | HA35-37 data cells-through<br>HA42-56 data cells      |
|                                       | 8,093 characters including<br>8 characters filler     |
| SEGMENT 5                             |   |
| Geographic Identification Information | HA42-64 data cells-through<br>HA76                    |
|                                       | 8,093 characters including<br>1,088 characters filler |

## RECORD B

|   |   |
|---|---|
| Segment 1<br>Geographic Identification<br>Information | PB1 through<br>PB46-82 data cells<br><br>8,093 characters including<br>8 characters filler                  |
| SEGMENT 2<br>Geographic Identification<br>Information | PB46-46 data cells-through<br>PB63-175 data cells<br><br>8,093 characters including<br>8 characters filler  |
| SEGMENT 3<br>Geographic Identification<br>Information | PB63-13 data cells-through<br>PB91-65 data cells<br><br>8,093 characters including<br>5 characters filler   |
| SEGMENT 4<br>Geographic Identification<br>Information | PB91-135 data cells-through<br>PB109-13 data cells<br><br>8,093 characters including<br>8 characters filler |
| SEGMENT 5<br>Geographic Identification<br>Information | PB109-23 data cells-through<br>HB17-131 data cells<br><br>8,093 characters including<br>5 characters filler |
| SEGMENT 6<br>Geographic Identification<br>Information | HB17-29 data cells-through<br>HB53-133 data cells<br><br>8,093 characters including<br>8 characters filler  |
| SEGMENT 7<br>Geographic Identification<br>Information | HB53-49 data cells-through<br>HB58-47 data cells<br><br>8,093 characters including<br>8 characters filler   |

## SEGMENT 8

Geographic Identification  
Information

HB58-49 data cells-through  
HB74

8,093 characters including  
62 characters filler

## SPECIAL AREA CODES

Special area codes appear in the geographic area codes portion of the data dictionary (positions 142-171) on all STF'S. The codes represented may vary across STF'S. Special area code (9) is used in all summary levels on STF 4 files. The nine codes for special area code (9) are described below. Special area code (9) is used in all levels.

## Special area code (9) Land/water area

- 1 Significant land, significant (0.0005 or more square kilometers) water
- 2 Significant land, minimal (less than 0.0005 square kilometer) water
- 3 Significant land, zero (0) water
- 4 Minimal land, significant water
- 5 Minimal land, minimal water
- 6 Minimal land, zero water
- 7 Zero land, significant water
- 8 Zero land, minimal water
- 9 Zero land, zero water

Special area code (10) is used in summary level 141 (census tract/Block Numbering Area) records on STF 4A files.

## Special area code (10) split tract

- 1 Tract is split between places (10,000 or more persons) or is inside and outside a place (10,000 or more persons)
- 2 Tract is not split by place(s) (10,000 or more persons)

## STANDARD CODES

In the identification section of all STF's, there are standard codes, undefined in the data dictionary, that have identical meaning regardless of the field. The codes are the same size as the field; that is, a three character field will have three symbols. These standard codes are listed below.

- ! Not available--The codes would be shown except it had not been determined when the files were prepared (for example, metropoli-



tan area code on a county summary level (050) on STF 1A).

9 Not in--This indicates a "remainder of" an area, such as a place code in the portion of a county subdivision not in a place, or the summary level is not pan of any area to which the code field applies, such as a summary level which is not in an Alaska Native Regional Corporation.

Blank Not applicable--This indicates that the code is not applicable to the summary level.

Where these codes are specifically defined in the data dictionary, the defined code should be used. For example, in the division code description on the data dictionary (position 89), the code for the Pacific Division is indicated as "9"; this "9" should be interpreted as the division code, not as "not in," the standard code for "9."



CHART 4. STF 4 FILE IDENTIFICATION BY SUMMARY LEVEL/1

| FIELD NAME                                       | SUMMARY LEVEL |     |     | SUMMARY LEVEL |     |     | SUMMARY LEVEL |     |     |
|--|---------------|-----|-----|---------------|-----|-----|---------------|-----|-----|
|  | 010           | 020 | 030 | 040           | 050 | 061 | 062           | 063 | 064 |
| RECORD CODES                                     |               |     |     |               |     |     |               |     |     |
| File Identification                              | *             | *   | *   | *             | *   | *   | *             | *   | *   |
| State/US-Abbreviation                            | *             | *   | *   | *             | *   | *   | *             | *   | *   |
| Summary Level                                    | *             | *   | *   | *             | *   | *   | *             | *   | *   |
| Geographic Component                             | *             | *   | *   | *             | *   | *   | *             | *   | *   |
| Characteristic Iteration                         | *             | *   | *   | *             | *   | *   | *             | *   | *   |
| Logical Record Number                            | *             | *   | *   | *             | *   | *   | *             | *   | *   |
| Logical Record Part Number                       | *             | *   | *   | *             | *   | *   | *             | *   | *   |
| Total Number of Parts                            | *             | *   | *   | *             | *   | *   | *             | *   | *   |
| GEOGRAPHIC AREA CODES                            |               |     |     |               |     |     |               |     |     |
| Alaska Native Regional Corporation               |               |     |     |               |     |     |               |     |     |
| American Indian/Alaska Native Area (Census)      |               |     |     |               |     |     |               |     |     |
| American Indian/Alaska Native Area (FIPS)        |               |     |     |               |     |     |               |     |     |
| American Indian/Alaska Native Area Class Code    |               |     |     |               |     |     |               |     |     |
| American Indian Reservation Trust Land Indicator |               |     |     |               |     |     |               |     |     |
| Block  |               |     |     |               |     |     |               |     |     |
| Block Group                                      |               |     |     |               |     |     |               |     |     |
| Census Tract/Block Numbering Area                |               |     |     |               |     |     |               |     |     |
| Congressional District                           |               |     |     |               |     |     |               |     |     |
| Consolidated City (Census)                       |               |     |     |               |     |     |               |     |     |
| Consolidated City (FIPS)                         |               |     |     |               |     |     |               |     |     |
| Consolidated City Class Code                     |               |     |     |               |     |     |               |     |     |
| Consolidated City Size Code                      |               |     |     |               |     |     |               |     |     |
| Consolidated Metropolitan Statistical Area       |               |     |     |               | *   | *   | *             | *   | *   |
| County   |               |     |     |               | *   | *   | *             | *   | *   |
| County Size Code                                 |               |     |     |               | *   | *   | *             | *   | *   |
| County Subdivision (Census)                      |               |     |     |               |     | *   | *             | *   | *   |
| County Subdivision (FIPS)                        |               |     |     |               |     | *   | *             | *   | *   |
| County Subdivision Class Code                    |               |     |     |               |     | *   | *             | *   | *   |
| County Subdivision Size Code                     |               |     |     |               |     | *   | *             | *   | *   |

|  |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|
| Division                                       | * | * | * | * | * | * | * |
| Extended City Indicator                        |   |   |   |   |   |   |   |
| Internal Use Code                              |   |   |   |   |   |   |   |
| Metropolitan Statistical Area/<br>Consolidated |   |   |   |   |   |   |   |
| Metropolitan Area                              |   |   | * | * | * | * | * |

/1 See the Summary Level Sequence Charts chapter for identification of the summary level record numbers.

| SUMMARY LEVEL                                 |     |     | SUMMARY LEVEL |     |     | SUMMARY LEVEL |     |     | FIELD NAME                                       |
|---|-----|-----|---------------|-----|-----|---------------|-----|-----|--|
| 120   | 130 | 141 | 161           | 163 | 170 | 200           | 201 | 202 |  |
| RECORD CODES                                  |     |     |               |     |     |               |     |     |  |
| *   | *   | *   | *             | *   | *   | *             | *   | *   | File Identification                              |
| *   | *   | *   | *             | *   | *   | *             | *   | *   | State/US-Abbreviation                            |
| *   | *   | *   | *             | *   | *   | *             | *   | *   | Summary Level                                    |
| *   | *   | *   | *             | *   | *   | *             | *   | *   | Geographic Component                             |
| *   | *   | *   | *             | *   | *   | *             | *   | *   | Characteristic Iteration                         |
| *   | *   | *   | *             | *   | *   | *             | *   | *   | Logical Record Number                            |
| *   | *   | *   | *             | *   | *   | *             | *   | *   | Logical Record Part Number                       |
| *   | *   | *   | *             | *   | *   | *             | *   | *   | Total Number of Parts<br>In Record               |
| GEOGRAPHIC AREA CODES                         |     |     |               |     |     |               |     |     |  |
| Alaska Native Regional Corporation            |     |     |               |     |     |               |     |     |  |
|   |     |     |               |     |     | *             | *   | *   | American Indian/Alaska Native Area (Census)      |
| American Indian/Alaska Native Area (FIPS)     |     |     |               |     |     |               |     |     |  |
| American Indian/Alaska Native Area Class Code |     |     |               |     |     |               |     |     |  |
|   |     |     |               |     |     |               | *   | *   | American Indian Reservation Trust Land Indicator |
|   |     |     |               |     |     |               |     |     | Block  |
|   |     |     |               |     |     |               |     |     | Block Group                                      |
|   | *   | *   |               |     |     |               |     |     | Census Tract/Block Numbering Area                |
| *   | *   |     | *             | *   | *   |               |     |     | Congressional District                           |
| *   | *   |     | *             | *   | *   |               |     |     | Consolidated City (Census)                       |
| *   | *   |     | *             | *   | *   |               |     |     | Consolidated City (FIPS)                         |
|   |     |     |               |     |     |               |     |     | Consolidated City Class Code                     |
| *   | *   |     | *             | *   | *   |               |     |     | Consolidated City Size Code                      |
| *   | *   | *   |               |     | *   |               |     |     | Consolidated Metropolitan Statistical Area       |
| *   | *   | *   |               |     | *   |               |     |     | County   |
| *   | *   | *   |               |     | *   |               |     |     | County Size Code                                 |
| County Subdivision (Census)                   |     |     |               |     |     |               |     |     |  |
| County Subdivision (FIPS)                     |     |     |               |     |     |               |     |     |  |
| County Subdivision Class Code                 |     |     |               |     |     |               |     |     |  |

|   |   |   |   |   |   |  |
|---|---|---|---|---|---|--|
|   |   |   |   |   |   | County Subdivision Size Code               |
| * | * | * | * | * | * | Division                                   |
| * | * |   | * | * |   | Extended City Indicator                    |
|   |   |   |   |   |   | Internal Use Code                          |
|   |   |   |   |   |   | Metropolitan Statistical Area/Consolidated |
| * | * | * |   |   | * | Metropolitan Area                          |



|                            |   |   |   |   |   |   |   |   |
|----------------------------|---|---|---|---|---|---|---|---|
| Political/Statistical Area | * | * | * | * | * | * | * | * |
| Description Code           |   |   |   |   |   |   |   |   |
| Population Count           | * | * | * | * | * | * | * | * |
| (100 percent)              |   |   |   |   |   |   |   |   |
| Special Flag               | * | * | * | * | * | * | * | * |



| SUMMARY LEVEL              |     |     | SUMMARY LEVEL |     |     | SUMMARY LEVEL |     |     | FIELD NAME                               |
|----------------------------|-----|-----|---------------|-----|-----|---------------|-----|-----|--|
| 120                        | 130 | 141 | 161           | 163 | 170 | 200           | 201 | 202 |  |
| GEOGRAPHIC AREA CODES-Con. |     |     |               |     |     |               |     |     |  |
| *                          | *   | *   |               |     |     |               |     |     | MSA/CMSA Size Code                       |
| *                          | *   |     | *             | *   |     |               |     |     | Place (Census)                           |
| *                          | *   |     | *             | *   |     |               |     |     | Place (FIPS)                             |
| *                          | *   |     | *             | *   |     |               |     |     | Place Class Code                         |
| *                          | *   |     | *             | *   |     |               |     |     | Place Description Code                   |
| *                          | *   |     | *             | *   |     |               |     |     | Place Size Code                          |
| *                          | *   | *   |               |     |     |               |     | *   | Primary Metropolitan<br>Statistical Area |
| *                          | *   | *   | *             | *   | *   |               |     | *   | Region                                   |
| *                          | *   | *   | *             | *   | *   |               |     | *   | State (Census)                           |
| *                          | *   | *   | *             | *   | *   |               |     | *   | State (FIPS)                             |
|                            |     |     |               |     |     |               |     |     | Urban/Rural                              |
|                            |     |     |               |     |     |               |     |     | Urbanized Area                           |
|                            |     |     |               |     |     |               |     |     | Urbanized Area Size Code                 |
|                            |     |     |               |     |     |               |     |     | Special Area Code (1)                    |
|                            |     |     |               |     |     |               |     |     | Special Area Code (2)                    |
|                            |     |     |               |     |     |               |     |     | Special Area Code (3)                    |
|                            |     |     |               |     |     |               |     |     | Special Area Code (4)                    |
|                            |     |     |               |     |     |               |     |     | Special Area Code (5)                    |
|                            |     |     |               |     |     |               |     |     | Special Area Code (6)                    |
|                            |     |     |               |     |     |               |     |     | Special Area Code (7)                    |
|                            |     |     |               |     |     |               |     |     | Special Area Code (8)                    |
| *                          | *   | *   | *             | *   | *   | *             | *   | *   | Special Area Code (9)                    |
|                            | *   |     |               |     |     |               |     |     | Special Area Code (10)                   |
| AREA CHARACTERISTICS       |     |     |               |     |     |               |     |     |  |
| *                          | *   | *   | *             | *   | *   | *             | *   | *   | Area (Land)                              |
| *                          | *   | *   | *             | *   | *   | *             | *   | *   | Area (Water)                             |
| *                          | *   | *   | *             | *   | *   | *             | *   | *   | Area Name/PSAD Term/Part<br>Indicator    |
| *                          | *   | *   | *             | *   | *   | *             | *   | *   | Functional Status Code                   |
| *                          |     |     | *             | *   | *   | *             | *   | *   | Geographic Change User<br>Note Indicator |
| *                          | *   | *   | *             | *   | *   | *             | *   | *   | Housing Unit Count<br>(100 percent)      |
| *                          | *   | *   | *             | *   | *   | *             | *   | *   | Internal Point (Latitude)                |
| *                          | *   | *   | *             | *   | *   | *             | *   | *   | Internal Point (Longitude)               |
| *                          | *   |     |               |     |     |               |     |     | Part Flag                                |
| *                          |     |     | *             | *   | *   | *             | *   | *   | Political/Statistical Area               |





County Subdivision  
Class Code  
County Subdivision  
Size Code

Division  
Extended City Indicator  
Internal Use Code  
Metropolitan Statistical  
Area/Consolidated  
Metropolitan Area

\* \* \* \* \*

| SUMMARY LEVEL |     |     | SUMMARY LEVEL |     |     | SUMMARY LEVEL |     |     | FIELD NAME  |
|---------------|-----|-----|---------------|-----|-----|---------------|-----|-----|---|
| 215           | 216 | 220 | 221           | 230 | 300 | 301           | 310 | 311 |   |
|               |     |     |               |     |     |               |     |     | RECORD CODE   |
| *             | *   | *   | *             | *   | *   | *             | *   | *   | File Identification   |
| *             | *   | *   | *             | *   | *   | *             | *   | *   | State/US-Abbreviation   |
| *             | *   | *   | *             | *   | *   | *             | *   | *   | Summary Level   |
| *             | *   | *   | *             | *   | *   | *             | *   | *   | Geographic Component  |
|               |     |     |               |     |     |               |     |     | CHARACTERISTIC ITERATION  |
| *             | *   | *   | *             | *   | *   | *             | *   | *   | Characteristic Iteration  |
| *             | *   | *   | *             | *   | *   | *             | *   | *   | Logical Record Number   |
| *             | *   | *   | *             | *   | *   | *             | *   | *   | Logical Record Part Number  |
| *             | *   | *   | *             | *   | *   | *             | *   | *   | Total Number of Parts<br>In Record  |
|               |     |     |               |     |     |               |     |     | GEOGRAPHIC AREA CODES   |
| *             |     |     |               | *   |     |               |     |     | Alaska Native Regional<br>Corporation   |
| *             | *   | *   | *             |     |     |               |     |     | American Indian/Alaska<br>Native Area (Census)  |
| *             | *   | *   | *             |     |     |               |     |     | American Indian/Alaska<br>Native Area (FIPS)  |
| *             | *   | *   | *             |     |     |               |     |     | American Indian/Alaska<br>Native Area Class Code  |
| *             | *   | *   | *             |     |     |               |     |     | American Indian<br>Reservation Trust Land<br>Indicator  |
|               |     |     |               |     |     |               |     |     | Block<br>Block Group<br>Census Tract/Block<br>Numbering Area  |
|               |     |     |               |     |     |               |     |     | Congressional District<br>Consolidated City (Census)<br>Consolidated City (FIPS)<br>Consolidated City Class<br>Code |
|               |     |     |               |     |     |               |     |     | Consolidated City Size<br>Code  |
|               |     |     |               |     | *   | *             | *   | *   | Consolidated Metropolitan<br>Statistical Area   |
|               |     | *   | *             |     |     |               |     |     | County<br>County Size Code  |
|               |     | *   | *             |     |     |               |     |     | County Subdivision (Census)<br>County Subdivision (FIPS)  |

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
|   |   |   |   |   |   |   |   | County Subdivision Class<br>Code              |
|   |   |   |   |   |   |   |   | County Subdivision Size<br>Code               |
| * | * | * | * | * |   | * | * | Division                                      |
|   |   |   |   |   |   |   |   | Extended City Indicator                       |
|   |   |   |   |   |   |   |   | Internal Use Code                             |
|   |   |   |   |   |   |   |   | Metropolitan Statistical<br>Area/Consolidated |
|   |   |   |   |   | * | * | * | Metropolitan Area                             |

| FIELD NAME                            | SUMMARY LEVEL |     |     | SUMMARY LEVEL |     |     | SUMMARY LEVEL |     |     |
|---------------------------------------|---------------|-----|-----|---------------|-----|-----|---------------|-----|-----|
|                                       | 203           | 204 | 205 | 206           | 207 | 208 | 210           | 211 | 212 |
| GEOGRAPHIC AREA CODES-Con.            |               |     |     |               |     |     |               |     |     |
| MSA/CMSA Size Code                    |               |     |     |               |     |     |               |     |     |
| Place (Census)                        |               |     |     |               |     |     |               |     |     |
| Place (FIPS)                          |               |     |     |               |     |     |               |     |     |
| Place Class Code                      |               |     |     |               |     |     |               |     |     |
| Place Description Code                |               |     |     |               |     |     |               |     |     |
| Place Size Code                       |               |     |     |               |     |     |               |     |     |
| Primary Metropolitan Statistical Area |               |     |     |               |     |     |               |     |     |
| Region                                |               |     | *   | *             | *   | *   | *             | *   | *   |
| State (Census)                        |               |     | *   | *             | *   | *   | *             | *   | *   |
| State (FIPS)                          |               |     | *   | *             | *   | *   | *             | *   | *   |
| Urban/Rural                           |               |     |     |               |     |     |               |     |     |
| Urbanized Area                        |               |     |     |               |     |     |               |     |     |
| Urbanized Area Size Code              |               |     |     |               |     |     |               |     |     |
| Special Area Code (1)                 |               |     |     |               |     |     |               |     |     |
| Special Area Code (2)                 |               |     |     |               |     |     |               |     |     |
| Special Area Code (3)                 |               |     |     |               |     |     |               |     |     |
| Special Area Code (4)                 |               |     |     |               |     |     |               |     |     |
| Special Area Code (5)                 |               |     |     |               |     |     |               |     |     |
| Special Area Code (6)                 |               |     |     |               |     |     |               |     |     |
| Special Area Code (7)                 |               |     |     |               |     |     |               |     |     |
| Special Area Code (8)                 |               |     |     |               |     |     |               |     |     |
| Special Area Code (9)                 | *             | *   | *   | *             | *   | *   | *             | *   | *   |
| Special Area Code (10)                |               |     |     |               |     |     |               |     |     |
| AREA CHARACTERISTICS                  |               |     |     |               |     |     |               |     |     |
| Area (Land)                           | *             | *   | *   | *             | *   | *   | *             | *   | *   |
| Area (Water)                          | *             | *   | *   | *             | *   | *   | *             | *   | *   |
| Area Name/PSAD Term/Part Indicator    | *             | *   | *   | *             | *   | *   | *             | *   | *   |
| Functional Status Code                | *             | *   | *   | *             | *   | *   | *             | *   | *   |
| Geographic Change User Note Indicator | *             | *   | *   |               | *   | *   | *             | *   |     |
| Housing Unit Count (100 percent)      | *             | *   | *   | *             | *   | *   | *             | *   | *   |
| Internal Point (Latitude)             | *             | *   | *   | *             | *   | *   | *             | *   | *   |
| Internal Point (Longitude)            | *             | *   | *   | *             | *   | *   | *             | *   | *   |
| Part Flag                             |               |     | *   | *             | *   | *   | *             | *   | *   |





| SUMMARY LEVEL              |     |     | SUMMARY LEVEL |     |     | SUMMARY LEVEL |     |     | FIELD NAME                 |
|----------------------------|-----|-----|---------------|-----|-----|---------------|-----|-----|----------------------------|
| 215                        | 216 | 220 | 221           | 230 | 300 | 301           | 310 | 311 |                            |
| GEOGRAPHIC AREA CODES-Con. |     |     |               |     |     |               |     |     |                            |
|                            |     |     |               |     | *   | *             | *   | *   | MSA/CMSA Size Code         |
|                            |     |     |               |     |     |               |     |     | Place (Census)             |
|                            |     |     |               |     |     |               |     |     | Place (FIPS)               |
|                            |     |     |               |     |     |               |     |     | Place Class Code           |
|                            |     |     |               |     |     |               |     |     | Place Description Code     |
|                            |     |     |               |     |     |               |     |     | Place Size Code            |
|                            |     |     |               |     |     | *             |     | *   | Primary Metropolitan       |
|                            |     |     |               |     |     |               |     |     | Statistical Area           |
| *                          | *   | *   | *             | *   |     |               | *   | *   | Region                     |
|                            |     |     |               |     |     |               |     |     | State (Census)             |
| *                          | *   | *   | *             | *   |     |               | *   | *   | State (FIPS)               |
| *                          | *   | *   | *             | *   |     |               | *   | *   | Urban/Rural                |
| *                          | *   | *   | *             | *   |     |               | *   | *   | Urbanized Area             |
| *                          | *   | *   | *             | *   |     |               | *   | *   | Urbanized Area Size Code   |
|                            |     |     |               |     |     |               |     |     | Special Area Code (1)      |
|                            |     |     |               |     |     |               |     |     | Special Area Code (2)      |
|                            |     |     |               |     |     |               |     |     | Special Area Code (3)      |
|                            |     |     |               |     |     |               |     |     | Special Area Code (4)      |
|                            |     |     |               |     |     |               |     |     | Special Area Code (5)      |
|                            |     |     |               |     |     |               |     |     | Special Area Code (6)      |
|                            |     |     |               |     |     |               |     |     | Special Area Code (7)      |
|                            |     |     |               |     |     |               |     |     | Special Area Code (8)      |
| *                          | *   | *   | *             | *   | *   | *             | *   | *   | Special Area Code (9)      |
|                            |     |     |               |     |     |               |     |     | Special Area Code (10)     |
| AREA CHARACTERISTICS       |     |     |               |     |     |               |     |     |                            |
| *                          | *   | *   | *             | *   | *   | *             | *   | *   | Area (Land)                |
| *                          | *   | *   | *             | *   | *   | *             | *   | *   | Area (Water)               |
| *                          | *   | *   | *             | *   | *   | *             | *   | *   | Area Name/PSAD Term/Part   |
|                            |     |     |               |     |     |               |     |     | Indicator                  |
| *                          | *   | *   | *             |     | *   | *             | *   | *   | Functional Status Code     |
| *                          | *   | *   |               | *   | *   | *             | *   | *   | Geographic Change User     |
|                            |     |     |               |     |     |               |     |     | Note Indicator             |
| *                          | *   | *   | *             | *   | *   | *             | *   | *   | Housing Unit Count         |
|                            |     |     |               |     |     |               |     |     | (100 percent)              |
| *                          | *   | *   | *             | *   | *   | *             | *   | *   | Internal Point (Latitude)  |
| *                          | *   | *   | *             | *   | *   | *             | *   | *   | Internal Point (Longitude) |
| *                          | *   | *   | *             | *   |     |               | *   | *   | Part Flag                  |

|   |   |   |   |   |   |   |   |   |                       |
|---|---|---|---|---|---|---|---|---|-----------------------|
| * | * | * | * | * | * | * | * | * | Political/Statistical |
|   |   |   |   |   |   |   |   |   | Area Description Code |
| * | * | * | * | * | * | * | * | * | Population Count      |
|   |   |   |   |   |   |   |   |   | (100 percent)         |
| * | * | * | * | * | * | * | * | * | Special Flag          |

|            |               |               |
|------------|---------------|---------------|
| FIELD NAME | SUMMARY LEVEL | SUMMARY LEVEL |
|            | 320 321 329   | 330 331       |

RECORD CODES

|                                 |   |   |   |   |   |
|---------------------------------|---|---|---|---|---|
| File Identification             | * | * | * | * | * |
| State/US-Abbreviation           | * | * | * | * | * |
| Summary Level                   | * | * | * | * | * |
| Geographic Component            | * | * | * | * | * |
| Characteristic Iteration        | * | * | * | * | * |
| Logical Record Number           | * | * | * | * | * |
| Logical Record Part Number      | * | * | * | * | * |
| Total Number of Parts In Record | * | * | * | * | * |

GEOGRAPHIC AREA CODES

Alaska Native Regional Corporation  
 American Indian/Alaska Native Area  
 (Census)  
 American Indian/Alaska Native Area  
 (FIPS)  
 American Indian/Alaska Native Area  
 Class Code

American Indian Reservation Trust  
 Land Indicator  
 Block  
 Block Group  
 Census Tract/Block Numbering Area

Congressional District  
 Consolidated City (Census)  
 Consolidated City (FIPS)  
 Consolidated City Class Code

Consolidated City Size Code  
 Consolidated Metropolitan  
 Statistical Area  
 County  
 County Size Code

County Subdivision (Census)

|   |   |  |   |   |   |
|---|---|--|---|---|---|
| * | * |  |   | * | * |
|   |   |  | * | * | * |
|   |   |  | * | * | * |

County Subdivision (FIPS)  
County Subdivision Class Code  
County Subdivision Size Code

|  |   |   |   |   |   |
|--|---|---|---|---|---|
| Division                                       | * | * | * | * | * |
| Extended City Indicator                        |   |   |   |   |   |
| Internal Use Code                              |   |   |   |   |   |
| Metropolitan Statistical Area/<br>Consolidated |   |   |   |   |   |
| Metropolitan Area                              | * | * | * | * | * |

SUMMARY LEVEL    SUMMARY LEVEL  
 340    341    400    410            460

\*       \*       \*       \*            \*  
 \*       \*       \*       \*            \*  
 \*       \*       \*       \*            \*  
 \*       \*       \*       \*            \*  
  
 \*       \*       \*       \*            \*  
 \*       \*       \*       \*            \*  
 \*       \*       \*       \*            \*  
 \*       \*       \*       \*            \*

FIELD NAME

RECORD CODES

File Identification  
 State/US-Abbreviation  
 Summary Level  
 Geographic Component  
  
 Characteristic Iteration  
 Logical Record Number  
 Logical Record Part Number  
 Total Number of Parts  
     In Record

GEOGRAPHIC AREA CODES

Alaska Native Regional  
 Corporation  
 American Indian/Alaska  
 Native Area (Census)  
 American Indian/Alaska  
 Native Area (FIPS)  
 American Indian/Alaska  
 Native Area Class Code  
  
 American Indian Reservation  
 Trust Land Indicator  
 Block  
 Block Group  
 Census Tract/Block  
     Numbering Area  
  
 Congressional District  
 Consolidated City  
     (Census)  
 Consolidated City (FIPS)  
 Consolidated City Class  
     Code  
  
 Consolidated City Size  
     Code  
 Consolidated Metropolitan  
 Statistical Area  
 County  
 County Size Code  
  
 County Subdivision  
     (Census)

\*       \*                                    \*  
  
 \*       \*                                    \*  
 \*       \*                                    \*  
  
 \*       \*                                    \*

|   |   |   |   |
|---|---|---|---|
| * | * | * | * |
| * | * |   | * |
|   |   |   |   |
| * | * |   |   |

County Subdivision (FIPS)  
County Subdivision Class  
Code  
County Subdivision Size  
Code

Division  
Extended City Indicator  
Internal Use Code  
Metropolitan Statistical  
Area/Consolidated  
Metropolitan Area

| FIELD NAME                            | SUMMARY LEVEL |     |     | SUMMARY LEVEL |     |
|---------------------------------------|---------------|-----|-----|---------------|-----|
|                                       | 320           | 321 | 329 | 330           | 331 |
| GEOGRAPHIC AREA CODES-Con.            |               |     |     |               |     |
| MSA/CMSA Size Code                    | *             | *   | *   | *             | *   |
| Place (Census)                        |               |     |     |               |     |
| Place (FIPS)                          |               |     |     |               |     |
| Place Class Code                      |               |     |     |               |     |
| Place Description Code                |               |     |     |               |     |
| Place Size Code                       |               |     |     |               |     |
| Primary Metropolitan Statistical Area |               | *   |     |               | *   |
| Region                                | *             | *   | *   | *             | *   |
| State (Census)                        | *             | *   | *   | *             | *   |
| State (FIPS)                          | *             | *   | *   | *             | *   |
| Urban/Rural                           |               |     |     |               |     |
| Urbanized Area                        |               |     |     |               |     |
| Urbanized Area Size Code              |               |     |     |               |     |
| Special Area Code (1)                 |               |     |     |               |     |
| Special Area Code (2)                 |               |     |     |               |     |
| Special Area Code (3)                 |               |     |     |               |     |
| Special Area Code (4)                 |               |     |     |               |     |
| Special Area Code (5)                 |               |     |     |               |     |
| Special Area Code (6)                 |               |     |     |               |     |
| Special Area Code (7)                 |               |     |     |               |     |
| Special Area Code (8)                 |               |     |     |               |     |
| Special Area Code (9)                 | *             | *   | *   | *             | *   |
| Special Area Code (10)                |               |     |     |               |     |
| AREA CHARACTERISTICS                  |               |     |     |               |     |
| Area (Land)                           | *             | *   | *   | *             | *   |
| Area (Water)                          | *             | *   | *   | *             | *   |
| Area Name/PSAD Term/Part Indicator    | *             | *   | *   | *             | *   |
| Functional Status Code                | *             | *   | *   | *             | *   |
| Geographic Change User Note Indicator | *             | *   | *   | *             | *   |
| Housing Unit Count (100 percent)      | *             | *   | *   | *             | *   |
| Internal Point (Latitude)             | *             | *   | *   | *             | *   |
| Internal Point (Longitude)            | *             | *   | *   | *             | *   |
| Part Flag                             | *             | *   | *   | *             | *   |
| Political/Statistical Area            | *             | *   | *   | *             | *   |
| Description Code                      |               |     |     |               |     |
| Population Count (100 percent)        | *             | *   | *   | *             | *   |
| Special Flag                          | *             | *   | *   | *             | *   |

SUMMARY LEVEL    SUMMARY LEVEL  
 340    341    400    410            460

FIELD NAME

GEOGRAPHIC AREA CODES-Con.

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MSA/CMSA Size Code  
 Place (Census)  
 Place (FIPS)  
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 Place Description Code  
 Place Size Code  
 Primary Metropolitan  
     Statistical Area  
 Region  
  
 State (Census)  
 State (FIPS)  
 Urban/Rural  
 Urbanized Area  
 Urbanized Area Size Code  
  
 Special Area Code (1)  
 Special Area Code (2)  
 Special Area Code (3)  
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AREA CHARACTERISTICS

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Area (Land)  
 Area (Water)  
 Area Name/PSAD Term/Part  
     Indicator  
 Functional Status Code  
  
 Geographic Change User  
     Note Indicator  
 Housing Unit Count  
     (100 percent)  
 Internal Point (Latitude)  
 Internal Point (Longitude)  
  
 Part Flag

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Political/Statistical  
Area Description Code  
Population Count  
(100 percent)  
Special Flag



SUBJECT LOCATOR

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ESKIMO

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See Race of Householder

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ESTONIAN

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ETHIOPIA

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ETHIOPIAN

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of Children  
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Assistance Income in 1989  
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Assistance Income in 1989  
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See also Family Type and Presence  
and Age of Children  
See also Family Type and Presence  
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See also Family Type and Public  
Assistance Income in 1989  
See also Family Type and Social  
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 Assistance Income in 1989  
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 See also Family Type and Employment Status  
 See also Family Type and Presence  
 and Age of Children  
 See also Family Type and Presence  
 of Children  
 See also Family Type and Public  
 Assistance Income in 1989  
 See also Family Type and Social  
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 Assistance Income in 1989  
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- See also Family Type and Public Assistance Income in 1989
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- See also Family Type and Public Assistance Income in 1989
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HAITIAN

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See also Household Type and Relationship  
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HUNGARIAN

See Ancestry  
 See Language Spoken at Home and  
 Ability to Speak English

HUNGARY

See Place of Birth

ICELANDER

See Ancestry

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IMPUTATION OF FAMILY INCOME IN 1989,  
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IMPUTATION OF FAMILY INCOME IN 1989,  
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| EDUCATIONAL ATTAINMENT                 |                |
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IMPUTATION OF INCOME IN 1989,  
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POVERTY STATUS IN 1989, AND  
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| Income in 1989 .....                              | PA98           |
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| Income in 1989 .....                              | PA96           |
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 See also Nonfarm Self-Employment Income in 1989  
 See also Percent of Income in 1989 Imputed  
 See also Per Capita Income in 1989  
 See also Ratio of Income in 1989 to Poverty Level  
 See also Retirement Income in 1989  
 See also Social Security Income in 1989  
 See also Wage or Salary Income in 1989

INDIA

See Place of Birth

INDIC

See Language Spoken at Home and  
 Ability to Speak English

INDONESIA

See Place of Birth

INDONESIAN

See Race  
 See Race of Householder

INDUSTRY

Employed persons 16 years and over  
 by Sex ..... PB61  
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INSTITUTIONALIZED PERSON

See Group Quarters

INTEREST INCOME

See Interest, Dividend, or Net  
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INTEREST DIVIDEND, OR NET RENTAL  
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IRAN

See Place of Birth

IRANIAN

See Ancestry

IRAQ

See Place of Birth

IRAQI

See Ancestry

IRELAND

See Place of Birth

IRISH

See Ancestry

ISRAEL

See Place of Birth

ISRAELI

See Ancestry

ITALIAN

See Ancestry  
See Language Spoken at Home and  
Ability to Speak English

ITALY

See Place of Birth

JAMAICA

See Place of Birth

JAMAICAN

See Ancestry

JAPAN

See Place of Birth

## JAPANESE

See Language Spoken at Home and  
Ability to Speak English  
See Race  
See Race of Householder

## JORDAN

See Place of Birth

## JORDANIAN

See Ancestry

## KENYA

See Place of Birth

## KENYAN

See Ancestry

## KITCHEN FACILITIES

|                                 |      |
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| by Persons Per Room             |      |
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## KOREA

See Place of Birth

## KOREAN

See Language Spoken at Home and  
Ability to Speak English  
See Race  
See Race of Householder

LANGUAGE SPOKEN AT HOME AND ABILITY  
TO SPEAK ENGLISH

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See also Language Spoken at Home and  
Linguistic Isolation

LANGUAGE SPOKEN AT HOME AND LINGUISTIC  
ISOLATION

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See also Language Spoken at Home and



Ability to Speak English  
See also Linguistic Isolation  
See also Linguistic Isolation and Age

LAOS  
See Place of Birth

LAOTIAN  
See Race  
See Race of Householder

LATVIA  
See Place of Birth

LATVIAN  
See Ancestry

LEBANESE  
See Ancestry

LEBANON  
See Place of Birth

LIBERIAN  
See Ancestry

LINGUISTIC ISOLATION  
Households ..... PB22  
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Home and Linguistic Isolation  
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LINGUISTIC ISOLATION AND AGE  
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Home and Linguistic Isolation  
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LITHUANIA  
See Place of Birth

LITHUANIAN  
See Ancestry

LUXEMBURGER  
See Ancestry

MACEDONIAN  
See Ancestry

MALAYSIA

See Place of Birth

MALAYAN

See Race  
See Race of Householder

MALES

See Sex

MALTESE

See Ancestry

MARITAL STATUS

Females 15 years and over  
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Ever Born  
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MARRIED COUPLES

See Marital Status

MEALS INCLUDED IN RENT

Specified renter-occupied housing units  
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MEANS OF TRANSPORTATION TO WORK

Workers 16 years and over ..... PB36  
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(in Minutes) by Travel Time to Work ..... PB38  
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MEDIAN FAMILY INCOME IN 1989

Families ..... PB88A  
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Age of Children ..... PB86C  
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 PB88C

See also Family Income in 1989

MEDIAN GROSS RENT

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See also Aggregate Gross Rent

See also Gross Rent

MEDIAN GROSS RENT AS A PERCENTAGE OF  
 HOUSEHOLD INCOME IN 1989

Specified renter-occupied housing units  
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 Household Income in 1989

MEDIAN HOUSEHOLD INCOME IN 1989

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See also Household Income in 1989

MEDIAN INCOME IN 1989

Persons 15 years and over with income  
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See also Income in 1989

MEDIAN NONFAMILY HOUSEHOLD INCOME IN 1989

Nonfamily households  
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 by Sex of Householder  
 by Household Type ..... PB91B  
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See also Aggregate Nonfamily Household  
 Income in 1989

See also Nonfamily Household Income in 1989

MEDIAN PERSONS IN UNIT

Occupied housing units by Tenure ..... HA13A

See also Persons in Unit

MEDIAN SELECTED MONTHLY OWNER COSTS  
AND MORTGAGE STATUS

- Owner-occupied condominium housing units ..... HA23A
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See also Aggregate Selected Monthly Owner Costs

See also Mortgage Status

See also Mortgage Status and Selected Monthly Owner Costs

See also Selected Monthly Owner Costs as a Percentage of Household Income in 1989

MEDIAN SELECTED MONTHLY OWNER COSTS AS  
A PERCENTAGE OF HOUSEHOLD INCOME IN 1989

- Specified owner-occupied housing units by Household Income in 1989 by Mortgage Status ..... HB17B, HB17C
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See also Median Selected Monthly Owner Costs and Mortgage Status

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- Owner-occupied condominium housing units ..... HA21A
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See also Aggregate Value  
See also Value

MELANESIAN

See Race  
See Race of Householder

MEXICAN

See Hispanic Origin

MEXICO

See Place of Birth

MICRONESIAN

See Race  
See Race of Householder

MOBILE HOME OR TRAILER

See Units in Structure

MOBILITY AND SELF-CARE LIMITATION  
STATUS AND AGE OF PERSONS IN UNIT  
Occupied housing units

by Tenure  
by Ratio of Income in 1989  
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See also Age

See also Mobility and Self-Care  
Limitation Status and Employment Status

MOBILITY AND SELF-CARE LIMITATION  
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16 years and over  
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See also Employment Status

See also Mobility and Self-Care  
Limitation Status and Age of  
Persons in Unit

MON-KHMER

See Language Spoken at Home and  
Ability to Speak English

MOROCCO

See Place of Birth

MOROCCAN

See Ancestry

MORTGAGE STATUS

Specified owner-occupied housing units  
by Age of Householder  
by Selected Monthly Owner  
Costs as a Percentage of  
Household Income in 1989 ..... HB40

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by Household Income in 1989  
by Selected Monthly Owner  
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of Household Income in 1989 ..... HB17A

by Median Selected Monthly  
Owner Costs as a Percentage  
of Household Income in 1989  
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HB17C

See also Mortgage Status and Selected  
Monthly Owner Costs  
See also Second Mortgage or Home  
Equity Loan Status

MORTGAGE STATUS AND SELECTED MONTHLY  
OWNER COSTS

Owner-occupied condominium housing  
units ..... HA23

Owner-occupied mobile homes  
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Specified owner-occupied housing units ..... HB18

See also Aggregate Selected Monthly  
Owner Costs

See also Mortgage Status

See also Selected Monthly Owner Costs  
as a Percentage of Household Income in 1989

MULTIPLE ANCESTRY

See Ancestry

NATIVE NORTH AMERICAN

See Language Spoken at Home and  
Ability to Speak English

NATIVITY AND PLACE OF BIRTH

Persons ..... PB28

See also Household Type and Relationship,  
Nativity, and Year of Entry

See also Nativity and Year of  
Entry of Householder

See also Nativity, Year of Entry, and Citizenship

See also Place of Birth

NATIVITY AND YEAR OF ENTRY OF HOUSEHOLDER

Families

by Poverty Status in 1989 ..... PB108

See also Household Type and Relationship,  
Nativity, and Year of Entry

See also Nativity and Place of Birth

See also Nativity, Year of Entry, and Citizenship

See also Year of Entry

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NEW ZEALAND  
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NEW ZEALANDERS  
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NIGERIA  
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OTHER CENTRAL AMERICA

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See Ancestry  
See Hispanic Origin

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OTHER GROUPS  
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OTHER HISPANIC  
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Ability to Speak English

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PAKISTANI  
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See Race of Householder

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See Place of Birth

## POLISH

See Ancestry

See Language Spoken at Home and  
Ability to Speak English

## POLYNESIAN

See Race

See Race of Householder

## PORTUGAL

See Place of Birth

## PORTUGUESE

See Ancestry

See Language Spoken at Home and  
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ROMANIAN

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RUSSIAN

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SAMOAN  
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 See Race of Householder

SAUDI ARABIA  
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SCOTCH-IRISH  
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SECOND ANCESTRY REPORTED  
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SENEGAL

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SENEGALESE

- See Ancestry

SERBIAN

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See also Sex and Imputation Status

#### SIERRA LEONEAN

See Ancestry

#### SINGLE ANCESTRY

See Ancestry

#### SLAVIC

See Ancestry

See Language Spoken at Home and

Ability to Speak English

#### SLOVAK

See Ancestry

#### SLOVENE

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Relationship and Social Security  
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See also Income in 1989

SOMALIAN

See Ancestry

SOURCE OF WATER

Housing units ..... HA16  
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SOUTH AFRICA

See Place of Birth

SOUTH AFRICAN

See Ancestry

SOUTH AMERICA

See Place of Birth

SOUTH AMERICAN

See Hispanic Origin  
See Race

SOVIET

See Ancestry

SOVIET UNION

See Ancestry  
See Place of Birth

SPAIN

See Place of Birth

SPANIARD

See Hispanic Origin

SPANISH

See Hispanic Origin  
See Language Spoken at Home and  
Ability to Speak English

SPANISH AMERICAN

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SRI LANKAN

See Race  
See Race of Householder

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SUBSAHARAN AFRICAN

See Ancestry

SUDANESE

See Ancestry

SWEDEN

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SWEDISH

See Ancestry

SWISS

See Ancestry

SWITZERLAND

See Place of Birth

SYRIA

See Place of Birth

SYRIAN

See Ancestry

TAGALOG

See Language Spoken at Home and  
Ability to Speak English

TAHITIAN

See Race  
See Race of Householder

TAIWAN

See Place of Birth

TAIWANESE

See Race

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| PA89.  | AGGREGATE FAMILY INCOME IN 1989(1)<br>BY IMPUTATION STATUS(2) .....   | 2 |
|        | Universe: Families  |   |
| PA90.  | AGGREGATE NONFAMILY HOUSEHOLD INCOME<br>IN 1989(1) BY IMPUTATION STATUS(2) .....                            | 2 |
|        | Universe: Nonfamily households  |   |
| PA91.  | AGGREGATE EARNINGS IN 1989 AND<br>IMPUTATION STATUS(1) .....  | 1 |
|        | Universe: Households  |   |
| PA92.  | AGGREGATE WAGE OR SALARY INCOME IN 1989(1)<br>BY IMPUTATION STATUS(2) .....                                 | 2 |
|        | Universe: Households  |   |
| PA93.  | AGGREGATE NONFARM SELF-EMPLOYMENT<br>INCOME IN 1989(1) BY IMPUTATION STATUS(2) .....                        | 2 |
|        | Universe: Households  |   |
| PA94.  | AGGREGATE FARM SELF-EMPLOYMENT INCOME<br>IN 1989(1) BY IMPUTATION STATUS(2) .....                           | 2 |
|        | Universe: Households  |   |
| PA95.  | AGGREGATE INTEREST, DIVIDEND, OR NET RENTAL<br>INCOME IN 1989(1) BY IMPUTATION STATUS(2) .....              | 2 |
|        | Universe: Households  |   |
| PA96.  | AGGREGATE SOCIAL SECURITY INCOME IN 1989(1)<br>BY IMPUTATION STATUS(2) .....                                | 2 |
|        | Universe: Households  |   |
| PA97.  | AGGREGATE PUBLIC ASSISTANCE INCOME IN 1989(1)<br>BY IMPUTATION STATUS(2) .....                              | 2 |
|        | Universe: Households  |   |
| PA98.  | AGGREGATE RETIREMENT INCOME IN 1989(1)<br>BY IMPUTATION STATUS(2) .....                                     | 2 |
|        | Universe: Households  |   |
| PA99.  | AGGREGATE OTHER INCOME IN 1989(1)<br>BY IMPUTATION STATUS(2) .....  | 2 |
|        | Universe: Households  |   |
| PA100. | IMPUTATION OF FAMILY OR UNRELATED<br>INDIVIDUAL INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND SEX(8) ..... | 8 |

|  |    |
|--|----|
| Universe: Persons for whom<br>poverty status is determined   |    |
| PA101. IMPUTATION OF FAMILY OR UNRELATED<br>INDIVIDUAL INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND AGE(20) .....              | 20 |
| Universe: Persons for whom<br>poverty status is determined   |    |
| PA102. IMPUTATION OF FAMILY INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND FAMILY TYPE(5) .....                                  | 5  |
| Universe: Families   |    |
| PA103. IMPUTATION OF FAMILY INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND PRESENCE<br>AND AGE OF CHILDREN(6) .....              | 6  |
| Universe: Families   |    |
| PA104. IMPUTATION OF FAMILY INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND AGE(7) .....  | 7  |
| Universe: Related children under 18 years  |    |
| PA105. IMPUTATION OF FAMILY INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND TENURE(4) .....                                       | 4  |
| Universe: Families   |    |
| PA106. IMPUTATION OF FAMILY INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND WORK EXPERIENCE<br>OF HOUSEHOLDER IN 1989(5) .....    | 5  |
| Universe: Families   |    |
| PA107. IMPUTATION OF FAMILY INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND EDUCATIONAL<br>ATTAINMENT OF HOUSEHOLDER(4) .....     | 4  |
| Universe: Families   |    |
| PA108. IMPUTATION OF FAMILY INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND WORK<br>DISABILITY STATUS OF HOUSEHOLDER(4) .....     | 4  |
| Universe: Families   |    |
| PA109. IMPUTATION OF FAMILY INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND NATIVITY<br>AND YEAR OF ENTRY OF HOUSEHOLDER(6) ..... | 6  |
| Universe: Families   |    |
| PA110. IMPUTATION OF FAMILY INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND<br>AGE OF HOUSEHOLDER(8) .....                        | 8  |
| Universe: Families   |    |

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|--------|--|---|
| PA111. | IMPUTATION OF FAMILY INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND PUBLIC<br>ASSISTANCE INCOME IN 1989(4) ..... | 4 |
|        | Universe: Families   |   |
| PA112. | IMPUTATION OF FAMILY INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND SOCIAL<br>SECURITY INCOME IN 1989(4) .....   | 4 |
|        | Universe: Families   |   |
| PA113. | IMPUTATION OF INCOME IN 1989, POVERTY STATUS<br>IN 1989, AND SEX(4) .....  | 4 |
|        | Universe: Unrelated individuals for whom<br>poverty status is determined   |   |
| PA114. | IMPUTATION OF INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND AGE(7) .....  | 7 |
|        | Universe: Unrelated individuals for whom<br>poverty status is determined   |   |
| PA115. | IMPUTATION OF INCOME IN 1989, POVERTY STATUS<br>IN 1989, AND HOUSEHOLD TYPE AND RELATIONSHIP(7) .....            | 7 |
|        | Universe: Unrelated individuals for whom<br>poverty status is determined   |   |
| PA116. | IMPUTATION OF INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND TENURE(5) .....                                     | 5 |
|        | Universe: Unrelated individuals for whom<br>poverty status is determined   |   |
| PA117. | IMPUTATION OF INCOME IN 1989, POVERTY STATUS<br>IN 1989, AND WORK EXPERIENCE IN 1989(5) .....                    | 5 |
|        | Universe: Unrelated individuals for whom<br>poverty status is determined   |   |
| PA118. | IMPUTATION OF INCOME IN 1989, POVERTY STATUS<br>IN 1989, AND EDUCATIONAL ATTAINMENT(4) .....                     | 4 |
|        | Universe: Unrelated individuals for whom<br>poverty status is determined   |   |
| PA119. | IMPUTATION OF INCOME IN 1989, POVERTY STATUS<br>IN 1989, AND WORK DISABILITY STATUS(4) .....                     | 4 |
|        | Universe: Unrelated individuals for whom<br>poverty status is determined   |   |
| PA120. | IMPUTATION OF INCOME IN 1989, POVERTY STATUS<br>IN 1989, NATIVITY, AND YEAR OF ENTRY(6) .....                    | 6 |
|        | Universe: Unrelated individuals for whom<br>poverty status is determined   |   |
| PA121. | IMPUTATION OF INCOME IN 1989, POVERTY STATUS   |   |

|        |  |    |
|--------|--|----|
|        | IN 1989, AND PUBLIC ASSISTANCE INCOME IN 1989(4) .....   | 4  |
|        | Universe: Unrelated individuals for whom<br>poverty status is determined                             |    |
| PA122. | IMPUTATION OF INCOME IN 1989, POVERTY STATUS<br>IN 1989, AND SOCIAL SECURITY INCOME IN 1989(4) ..... | 4  |
|        | Universe: Unrelated individuals for whom<br>poverty status is determined                             |    |
| HA1.   | HOUSING UNITS(1) .....   | 1  |
|        | Universe: Housing units  |    |
| HA2.   | UNWEIGHTED SAMPLE COUNT OF HOUSING UNITS(1) .....  | 1  |
|        | Universe: Housing units  |    |
| HA3.   | 100-PERCENT COUNT OF HOUSING UNITS(1) .....  | 1  |
|        | Universe: Housing units  |    |
| HA3A.  | PERCENT OF HOUSING UNITS IN SAMPLE(1) .....  | 1  |
|        | Universe: Housing units  |    |
| HA4.   | FILLER(7) .....  | 7  |
| HA5.   | RACE OF HOUSEHOLDER (37) .....   | 37 |
|        | Universe: Occupied housing units   |    |
| HA6.   | HISPANIC ORIGIN OF HOUSEHOLDER(26) .....   | 26 |
|        | Universe: Occupied housing units   |    |
| HA7.   | HISPANIC ORIGIN OF HOUSEHOLDER(2)<br>BY RACE OF HOUSEHOLDER(5) .....                                 | 10 |
|        | Universe: Occupied housing units   |    |
| HA8.   | UNITS IN STRUCTURE(10) .....   | 10 |
|        | Universe: Housing units  |    |
| HA9.   | YEAR STRUCTURE BUILT(8) .....  | 8  |
|        | Universe: Housing units  |    |
| HA10.  | ROOMS(G) .....   | 9  |
|        | Universe: Housing units  |    |
| HA11.  | TENURE(2) BY ROOMS(9) .....  | 18 |
|        | Universe: Occupied housing units   |    |
| HA12.  | AGGREGATE ROOMS(1) BY OCCUPANCY STATUS<br>AND TENURE(3) .....  | 3  |
|        | Universe: Housing units  |    |
| HA13.  | TENURE(2) BY PERSONS IN UNIT(7) .....  | 14 |
|        | Universe: Occupied housing units   |    |

|        |   |    |
|--------|---|----|
| HA13A. | MEDIAN PERSONS IN UNIT(1) BY TENURE(2) .....                        | 2  |
|        | Universe: Occupied housing units                                    |    |
| HA14.  | KITCHEN FACILITIES(2) .....   | 2  |
|        | Universe: Housing units   |    |
| HA15.  | PLUMBING FACILITIES(2) .....  | 2  |
|        | Universe: Housing units   |    |
| HA16.  | SOURCE OF WATER(4) .....  | 4  |
|        | Universe: Housing units   |    |
| HA17.  | SEWAGE DISPOSAL(3) .....  | 3  |
|        | Universe: Housing units   |    |
| HA18.  | BEDROOMS(6) .....   | 6  |
|        | Universe: Housing units   |    |
| HA19.  | TENURE(2) BY CONDOMINIUM STATUS(2) .....                            | 4  |
|        | Universe: Occupied housing units                                    |    |
| HA20.  | VACANCY STATUS(5) BY CONDOMINIUM STATUS(2) .....                    | 10 |
|        | Universe: Vacant housing units                                      |    |
| HA21.  | VALUE (18) .....  | 18 |
|        | Universe: Owner-occupied condominium housing units                  |    |
| HA21A. | MEDIAN VALUE(1) .....   | 1  |
|        | Universe: Owner-occupied condominium housing units                  |    |
| HA22.  | AGGREGATE VALUE(1) .....  | 1  |
|        | Universe: Owner-occupied condominium housing units                  |    |
| HA23.  | MORTGAGE STATUS AND SELECTED<br>MONTHLY OWNER COSTS(26) .....       | 26 |
|        | Universe: Owner-occupied condominium housing units                  |    |
| HA23A. | MEDIAN SELECTED MONTHLY OWNER COSTS<br>AND MORTGAGE STATUS(2) ..... | 2  |
|        | Universe: Owner-occupied condominium housing units                  |    |
| HA24.  | MORTGAGE STATUS AND SELECTED<br>MONTHLY OWNER COSTS(19) .....       | 19 |
|        | Universe: Owner-occupied mobile homes or trailers                   |    |
| HA24A. | MEDIAN SELECTED MONTHLY OWNER COSTS<br>AND MORTGAGE STATUS(2) ..... | 2  |
|        | Universe: Owner-occupied mobile homes or trailers                   |    |
| HA25.  | AGGREGATE VALUE(1) .....  | 1  |
|        | Universe: Owner-occupied mobile homes or trailers                   |    |

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|--------|---|-----|
| HA26.  | VALUE(26) .....   | 26  |
|        | Universe: Specified owner-occupied<br>noncondominium housing units                  |     |
| HA26A. | MEDIAN VALUE(1) .....   | 1   |
|        | Universe: Specified owner-occupied<br>noncondominium housing units                  |     |
| HA27.  | AGGREGATE VALUE(1) .....  | 1   |
|        | Universe: Specified owner-occupied<br>noncondominium housing units                  |     |
| HA28.  | SECOND MORTGAGE OR HOME EQUITY LOAN STATUS(2) .....                                 | 2   |
|        | Universe: Specified owner-occupied housing units                                    |     |
| HA29.  | VACANCY STATUS(6) BY YEAR STRUCTURE BUILT(8)<br>BY BOARDED-UP STATUS(2) .....       | 96  |
|        | Universe: Vacant housing units  |     |
| HA30.  | VACANCY STATUS(3) BY DURATION OF VACANCY(6) .....                                   | 18  |
|        | Universe: Vacant housing units  |     |
| HA31.  | TENURE(2) BY YEAR STRUCTURE BUILT(8)<br>BY UNITS IN STRUCTURE(10) .....             | 160 |
|        | Universe: Occupied housing units  |     |
| HA32.  | TENURE(2) BY YEAR HOUSEHOLDER MOVED INTO UNIT(6)<br>BY UNITS IN STRUCTURE(10) ..... | 120 |
|        | Universe: Occupied housing units  |     |
| HA33.  | AGGREGATE VEHICLES AVAILABLE(1) BY UNITS<br>IN STRUCTURE(10) .....                  | 10  |
|        | Universe: Occupied housing units  |     |
| HA34.  | AGGREGATE PERSONS(1) BY TENURE(2)<br>BY YEAR HOUSEHOLDER MOVED INTO UNIT(6) .....   | 12  |
|        | Universe: Persons in occupied housing units   |     |
| HA35.  | TENURE(2) BY YEAR HOUSEHOLDER MOVED<br>INTO UNIT(6) BY AGE OF HOUSEHOLDER(7) .....  | 84  |
|        | Universe: Occupied housing units  |     |
| HA36.  | YEAR STRUCTURE BUILT(8) BY VALUE(20) .....  | 160 |
|        | Universe: Specified owner-occupied housing units                                    |     |
| HA37.  | YEAR STRUCTURE BUILT(8) BY GROSS RENT(17) .....                                     | 136 |
|        | Universe: Specified renter-occupied housing units                                   |     |
| HA38.  | UNITS IN STRUCTURE(10) BY GROSS RENT(17) .....                                      | 170 |
|        | Universe: Specified renter-occupied housing units                                   |     |

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| HA39. | BEDROOMS(6) BY GROSS RENT(17) .....  | 102 |
|       | Universe: Specified renter-occupied housing units  |     |
| HA40. | BEDROOMS(6) BY CONTRACT RENT(17) .....   | 102 |
|       | Universe: Specified renter-occupied housing units  |     |
| HA41. | BEDROOMS(6) BY RENT ASKED(17) .....  | 102 |
|       | Universe: Specified vacant-for-rent housing units  |     |
| HA42. | BEDROOMS(6) BY VALUE(20) .....   | 120 |
|       | Universe: Specified owner-occupied housing units   |     |
| HA43. | BEDROOMS(6) BY PRICE ASKED(20) .....   | 120 |
|       | Universe: Specified vacant-for-sale-only housing units   |     |
| HA44. | TENURE(2) BY YEAR HOUSEHOLDER MOVED<br>INTO UNIT(3) BY AGE OF HOUSEHOLDER(3)<br>BY RATIO OF INCOME IN 1989 TO POVERTY LEVEL(3) .....           | 54  |
|       | Universe: Occupied housing units   |     |
| HA45. | TENURE(2) BY RATIO OF INCOME IN 1989 TO<br>POVERTY LEVEL(2) BY MOBILITY AND SELF-CARE<br>LIMITATION STATUS AND AGE OF PERSONS IN UNIT(3) ..... | 12  |
|       | Universe: Occupied housing units   |     |
| HA46. | UNITS IN STRUCTURE(6) BY BEDROOMS(6) .....   | 36  |
|       | Universe: Occupied housing units   |     |
| HA47. | AGE(5) BY UNITS IN STRUCTURE(6) BY BEDROOMS(6) .....   | 180 |
|       | Universe: Persons in occupied housing units  |     |
| HA48. | IMPUTATION OF HOUSING ITEMS(2) BY OCCUPANCY STATUS<br>AND TENURE(3) .....  | 6   |
|       | Universe: Housing units  |     |
| HA49. | IMPUTATION OF UNITS IN STRUCTURE(11) .....   | 11  |
|       | Universe: Housing units  |     |
| HA50. | IMPUTATION OF ROOMS(10) .....  | 10  |
|       | Universe: Housing units  |     |
| HA51. | IMPUTATION OF TENURE(3) .....  | 3   |
|       | Universe: Occupied housing units   |     |
| HA52. | IMPUTATION OF VALUE(27) .....  | 27  |
|       | Universe: Specified owner-occupied housing units   |     |
| HA53. | IMPUTATION OF VALUE(19) .....  | 19  |
|       | Universe: Owner-occupied condominium housing units   |     |
| HA54. | IMPUTATION OF MEALS INCLUDED IN RENT(3) .....  | 3   |

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|-------|---|----|
|       | Universe: Specified renter-occupied housing units   |    |
| HA55. | IMPUTATION OF VACANCY STATUS(7) .....<br>Universe: Vacant housing units                     | 7  |
| HA56. | IMPUTATION OF BOARDED-UP STATUS(3) .....<br>Universe: Vacant housing units                  | 3  |
| HA57. | IMPUTATION OF DURATION OF VACANCY(7) .....<br>Universe: Vacant housing units                | 7  |
| HA58. | IMPUTATION OF YEAR HOUSEHOLDER MOVED INTO UNIT(7) .....<br>Universe: Occupied housing units | 7  |
| HA59. | IMPUTATION OF BEDROOMS(7) .....<br>Universe: Housing units                                  | 7  |
| HA60. | IMPUTATION OF PLUMBING FACILITIES(3) .....<br>Universe: Housing units                       | 3  |
| HA61. | IMPUTATION OF KITCHEN FACILITIES(3) .....<br>Universe: Housing units                        | 3  |
| HA62. | IMPUTATION OF TELEPHONE IN HOUSING UNIT(3) .....<br>Universe: Occupied housing units        | 3  |
| HA63. | IMPUTATION OF VEHICLES AVAILABLE(9) .....<br>Universe: Occupied housing units               | 9  |
| HA64. | IMPUTATION OF HOUSE HEATING FUEL(10) .....<br>Universe: Occupied housing units              | 10 |
| HA65. | IMPUTATION OF SOURCE OF WATER(5) .....<br>Universe: Housing units                           | 5  |
| HA66. | IMPUTATION OF SEWAGE DISPOSAL(4) .....<br>Universe: Housing units                           | 4  |
| HA67. | IMPUTATION OF YEAR STRUCTURE BUILT(9) .....<br>Universe: Housing units                      | 9  |
| HA68. | IMPUTATION OF CONDOMINIUM STATUS(3) .....<br>Universe: Occupied housing units               | 3  |
| HA69. | FILLER(3) .....   | 3  |
| HA70. | FILLER(4) .....   | 4  |
| HA71. | IMPUTATION OF MORTGAGE STATUS(3) .....<br>Universe: Specified owner-occupied housing units  | 3  |



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| HA72. | IMPUTATION OF SECOND MORTGAGE OR<br>HOME EQUITY LOAN STATUS(3) .....        | 3  |
|       | Universe: Specified owner-occupied housing units                            |    |
| HA73. | IMPUTATION OF MORTGAGE STATUS AND<br>SELECTED MONTHLY OWNER COSTS(32) ..... | 32 |
|       | Universe: Specified owner-occupied housing units                            |    |
| HA74. | IMPUTATION OF MORTGAGE STATUS AND<br>SELECTED MONTHLY OWNER COSTS(27) ..... | 27 |
|       | Universe: Owner-occupied condominium housing units                          |    |
| HA75. | IMPUTATION OF MORTGAGE STATUS AND<br>SELECTED MONTHLY OWNER COSTS(20) ..... | 20 |
|       | Universe: Owner-occupied mobile homes or trailers                           |    |
| HA76. | IMPUTATION OF GROSS RENT(28) .....  | 28 |
|       | Universe: Specified renter-occupied housing units                           |    |
| PB1.  | PERSONS(1) .....  | 1  |
|       | Universe: Persons   |    |
| PB2.  | FAMILIES(1) .....   | 1  |
|       | Universe: Families  |    |
| PB3.  | HOUSEHOLDS(1) .....   | 1  |
|       | Universe: Households  |    |
| PB4.  | SEX(2) .....  | 2  |
|       | Universe: Persons   |    |
| PB5.  | SEX(2) BY AGE(31) .....   | 62 |
|       | Universe: Persons   |    |
| PB5A. | MEDIAN AGE(1) .....   | 1  |
|       | Universe: Persons   |    |
| PB5B. | MEDIAN AGE(1) BY SEX(2) .....   | 2  |
|       | Universe: Persons   |    |
| PB6.  | HOUSEHOLD TYPE AND RELATIONSHIP(17) .....                                   | 17 |
|       | Universe: Persons   |    |
| PB7.  | PERSONS IN HOUSEHOLDS(7) .....  | 7  |
|       | Universe: Households  |    |
| PB8.  | PERSONS IN FAMILY(6) .....  | 6  |
|       | Universe: Families  |    |
| PB9.  | FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN(12) .....                      | 12 |
|       | Universe: Families  |    |

|       |   |     |
|-------|---|-----|
| PB10. | SUBFAMILY TYPE AND PRESENCE OF CHILDREN(4) .....                                  | 4   |
|       | Universe: Subfamilies   |     |
| PB11. | RELATIONSHIP, FAMILY TYPE, AND SUBFAMILY TYPE(22) .....                           | 22  |
|       | Universe: Persons under 18 years  |     |
| PB12. | HOUSEHOLD TYPE AND SEX OF HOUSEHOLD MEMBERS(4) .....                              | 4   |
|       | Universe: Households  |     |
| PB13. | TENURE(2) BY HOUSEHOLD TYPE(2) .....  | 4   |
|       | Universe: Households  |     |
| PB14. | HOUSEHOLD TYPE(2) .....   | 2   |
|       | Universe: Households  |     |
| PB15. | HOUSEHOLD TYPE(2) .....   | 2   |
|       | Universe: Households  |     |
| PB16. | HOUSEHOLD TYPE(2) .....   | 2   |
|       | Universe: Households  |     |
| PB17. | AGE(3) BY HOUSEHOLD TYPE AND RELATIONSHIP(11) .....                               | 33  |
|       | Universe: Persons 60 years and over   |     |
| PB18. | HOUSEHOLD TYPE AND RELATIONSHIP(31) .....   | 31  |
|       | Universe: Persons in households   |     |
| PB19. | YEAR OF ENTRY(10) .....   | 10  |
|       | Universe: Foreign-born persons  |     |
| PB20. | NATIVITY, YEAR OF ENTRY, AND CITIZENSHIP(7) .....                                 | 7   |
|       | Universe: Persons   |     |
| PB21. | AGE(6) BY LANGUAGE SPOKEN AT HOME AND<br>ABILITY TO SPEAK ENGLISH(5) .....        | 30  |
|       | Universe: Persons 5 years and over  |     |
| PB22. | LINGUISTIC ISOLATION(6) .....   | 6   |
|       | Universe: Households  |     |
| PB23. | LINGUISTIC ISOLATION AND AGE(19) .....  | 19  |
|       | Universe: Persons 5 years and over  |     |
| PB24. | SEX(2) BY MARITAL STATUS(5) BY AGE(12) .....                                      | 120 |
|       | Universe: Persons 15 years and over   |     |
| PB25. | MARITAL STATUS(2) BY AGE(4) .....   | 8   |
|       | Universe: Females 15 years and over   |     |
| PB26. | AGGREGATE NUMBER OF CHILDREN EVER BORN(1)<br>BY MARITAL STATUS(2) BY AGE(4) ..... | 8   |

Universe: Females 15 years and over

|       |   |    |
|-------|---|----|
| PB27. | AGE(4) BY CHILDREN EVER BORN(6) .....   | 24 |
|       | Universe: Females 15 years and over   |    |
| PB28. | NATIVITY AND PLACE OF BIRTH(13) .....   | 13 |
|       | Universe: Persons   |    |
| PB29. | AGE(3) BY RESIDENCE IN 1985-STATE AND<br>COUNTY LEVEL(10) .....   | 30 |
|       | Universe: Persons 60 years and over   |    |
| PB30. | RESIDENCE IN 1985-STATE, COUNTY,<br>AND PLACE LEVEL(12) .....   | 12 |
|       | Universe: Persons 5 years and over  |    |
| PB31. | RESIDENCE IN 1985-MSA/PMSA LEVEL(21) .....  | 21 |
|       | Universe: Persons 5 years and over  |    |
| PB32. | PLACE OF WORK-STATE AND COUNTY LEVEL(3) .....   | 3  |
|       | Universe: Workers 16 years and over   |    |
| PB33. | PLACE OF WORK-PLACE LEVEL(3) .....  | 3  |
|       | Universe: Workers 16 years and over   |    |
| PB34. | PLACE OF WORK-MSA/PMSA LEVEL(8) .....   | 8  |
|       | Universe: Workers 16 years and over   |    |
| PB35. | PLACE OF WORK-MINOR CIVIL DIVISION LEVEL(3) .....   | 3  |
|       | Universe: Workers 16 years and over   |    |
| PB36. | MEANS OF TRANSPORTATION TO WORK(13) .....   | 13 |
|       | Universe: Workers 16 years and over   |    |
| PB37. | TRAVEL TIME TO WORK(13) .....   | 13 |
|       | Universe: Workers 16 years and over   |    |
| PB38. | AGGREGATE TRAVEL TIME TO WORK (IN MINUTES)(1)<br>BY TRAVEL TIME TO WORK(4) BY MEANS OF<br>TRANSPORTATION TO WORK(2) ..... | 8  |
|       | Universe: Workers 16 years and over<br>who did not work at home   |    |
| PB39. | TIME LEAVING HOME TO GO TO WORK(15) .....   | 15 |
|       | Universe: Workers 16 years and over   |    |
| PB40. | PRIVATE VEHICLE OCCUPANCY(9) .....  | 9  |
|       | Universe: Workers 16 years and over   |    |
| PB41. | SEX(2) BY SCHOOL ENROLLMENT AND<br>TYPE OF SCHOOL(1) .....  | 14 |

|       |   |     |
|-------|---|-----|
|       | Universe: Persons 3 years and over  |     |
| PB42. | SCHOOL ENROLLMENT(2) BY SEX(2) BY AGE(9) .....  | 36  |
|       | Universe: Persons 3 years and over  |     |
| PB43. | COLLEGE ENROLLMENT(2) BY SEX(2) BY AGE(2) .....   | 8   |
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|        | Universe: Employed persons 16 years and over   |    |
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|        | Universe: Occupied housing units   |    |
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|        | Universe: Occupied housing units   |    |
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|        | Universe: Occupied housing units   |    |
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|        | Universe: Occupied housing units   |    |
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|        | Universe: Occupied housing units   |    |
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|        | Universe: Occupied housing units   |    |
| HB9.   | TENURE(2) BY SOURCE OF WATER(4) .....  | 8  |
|        | Universe: Occupied housing units   |    |
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|        | Universe: Occupied housing units   |    |
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|        | Universe: Specified renter-occupied<br>housing units paying cash rent                              |    |
| HB13.  | AGGREGATE GROSS RENT(1) .....  | 1  |
|        | Universe: Specified renter-occupied<br>housing units paying cash rent                              |    |
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|        | Universe: Occupied housing units   |    |
| HB14A. | MEDIAN HOUSEHOLD INCOME IN 1989(1) .....   | 1  |
|        | Universe: Occupied housing units   |    |
| HB14B. | MEDIAN HOUSEHOLD INCOME IN 1989(1) BY TENURE(2) .....  | 2  |
|        | Universe: Occupied housing units   |    |
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| HB16.  | HOUSEHOLD INCOME IN 1989(8) BY GROSS RENT<br>AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989(10) ..... | 80 |
|        | Universe: Specified renter-occupied housing units  |    |
| HB16A. | MEDIAN GROSS RENT AS A PERCENTAGE OF<br>HOUSEHOLD INCOME IN 1989(1) .....                          | 1  |
|        | Universe: Specified renter-occupied<br>housing units paying cash rent                              |    |

|        |   |     |
|--------|---|-----|
| HB16B. | MEDIAN GROSS RENT AS A PERCENTAGE OF HOUSEHOLD<br>INCOME IN 1989(1) BY HOUSEHOLD INCOME IN 1989(8) .....  | 8   |
|        | Universe: Specified renter-occupied<br>housing units paying cash rent   |     |
| HB16C. | MEDIAN GROSS RENT AS A PERCENTAGE OF HOUSEHOLD<br>INCOME IN 1989(1) BY HOUSEHOLD INCOME IN 1989(2) .....  | 2   |
|        | Universe: Specified renter-occupied<br>housing units paying cash rent   |     |
| HB17.  | HOUSEHOLD INCOME IN 1989(8) BY MORTGAGE STATUS(2)<br>BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE<br>OF HOUSEHOLD INCOME IN 1989(10) .....       | 160 |
|        | Universe: Specified owner-occupied housing units  |     |
| HB17A. | MEDIAN SELECTED MONTHLY OWNER COSTS AS A<br>PERCENTAGE OF HOUSEHOLD INCOME IN 1989(1)<br>BY MORTGAGE STATUS(2) .....                                | 2   |
|        | Universe: Specified owner-occupied housing units  |     |
| HB17B. | MEDIAN SELECTED MONTHLY OWNER COSTS AS A<br>PERCENTAGE OF HOUSEHOLD INCOME IN 1989(1) BY<br>HOUSEHOLD INCOME IN 1989(8) BY MORTGAGE STATUS(2) ..... | 16  |
|        | Universe: Specified owner-occupied housing units  |     |
| HB17C. | MEDIAN SELECTED MONTHLY OWNER COSTS AS A<br>PERCENTAGE OF HOUSEHOLD INCOME IN 1989(1) BY<br>HOUSEHOLD INCOME IN 1989(2) BY MORTGAGE STATUS(2) ..... | 4   |
|        | Universe: Specified owner-occupied housing units  |     |
| HB18.  | MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS(31) .....  | 31  |
|        | Universe: Specified owner-occupied housing units  |     |
| HB18A. | MEDIAN SELECTED MONTHLY OWNER COSTS<br>AND MORTGAGE STATUS(2) .....   | 2   |
|        | Universe: Specified owner-occupied housing units  |     |
| HB19.  | AGGREGATE SELECTED MONTHLY OWNER COSTS(1)<br>BY MORTGAGE STATUS(2) .....  | 2   |
|        | Universe: Specified owner-occupied housing units  |     |
| HB20.  | TENURE(2) BY POVERTY STATUS IN 1989(2) BY PLUMBING<br>FACILITIES(2) BY PERSONS PER ROOM(2) .....  | 16  |
|        | Universe: Occupied housing units  |     |
| HB21.  | TENURE(2) BY POVERTY STATUS IN 1989(2)<br>BY YEAR STRUCTURE BUILT(3) .....  | 12  |
|        | Universe: Occupied housing units  |     |
| HB22.  | TENURE(2) BY POVERTY STATUS IN 1989(2)<br>BY HOUSEHOLD TYPE AND RELATIONSHIP AND  |     |

|       |  |    |
|-------|--|----|
|       | PRESENCE OF CHILDREN(7) .....  | 28 |
|       | Universe: Occupied housing units   |    |
| HB23. | TENURE(2) BY POVERTY STATUS IN 1989(2)<br>BY VEHICLES AVAILABLE(2) .....                 | 8  |
|       | Universe: Occupied housing units   |    |
| HB24. | TENURE(2) BY POVERTY STATUS IN 1989(2)<br>BY TELEPHONE IN HOUSING UNIT(2) .....          | 8  |
|       | Universe: Occupied housing units   |    |
| HB25. | TENURE(2) BY POVERTY STATUS IN 1989(2)<br>BY AGE OF HOUSEHOLDER(4) .....                 | 16 |
|       | Universe: Occupied housing units   |    |
| HB26. | TENURE(2) BY POVERTY STATUS IN 1989(2)<br>BY PUBLIC ASSISTANCE INCOME IN 1989(2) .....   | 8  |
|       | Universe: Occupied housing units   |    |
| HB27. | TENURE(2) BY POVERTY STATUS IN 1989(2)<br>BY SOCIAL SECURITY INCOME IN 1989(2) .....     | 8  |
|       | Universe: Occupied housing units   |    |
| HB28. | TENURE(2) BY POVERTY STATUS IN 1989(2)<br>BY WORK STATUS OF HOUSEHOLDER IN 1989(2) ..... | 8  |
|       | Universe: Occupied housing units   |    |
| HB29. | AGE OF HOUSEHOLDER(7) .....  | 7  |
|       | Universe: Occupied housing units   |    |
| HB30. | TENURE(2) BY AGE OF HOUSEHOLDER(4) BY UNITS<br>IN STRUCTURE(6) .....                     | 48 |
|       | Universe: Occupied housing units   |    |
| HB31. | AGGREGATE PERSONS(1) BY TENURE(2) BY AGE OF<br>HOUSEHOLDER(4) .....                      | 8  |
|       | Universe: Persons in occupied housing units  |    |
| HB32. | AGGREGATE ROOMS(1) BY TENURE(2) BY AGE OF<br>HOUSEHOLDER(4) .....                        | 8  |
|       | Universe: Occupied housing units   |    |
| HB33. | AGE OF HOUSEHOLDER(4) .....  | 4  |
|       | Universe: Specified owner-occupied housing units   |    |
| HB34. | AGGREGATE VALUE(1) BY AGE OF HOUSEHOLDER(4) .....  | 4  |
|       | Universe: Specified owner-occupied housing units   |    |
| HB35. | AGE OF HOUSEHOLDER(4) BY MEALS INCLUDED IN RENT(3) .....                                 | 12 |
|       | Universe: Specified renter-occupied housing units  |    |



|       |  |    |
|-------|--|----|
| HB36. | AGGREGATE CONTRACT RENT(1) BY AGE OF<br>HOUSEHOLDER(4) BY MEALS INCLUDED IN RENT(2) .....  | 8  |
|       | Universe: Specified renter-occupied<br>housing units paying cash rent  |    |
| HB37. | AGE OF HOUSEHOLDER(4) BY GROSS RENT(2) .....   | 8  |
|       | Universe: Specified renter-occupied housing units  |    |
| HB38. | AGGREGATE GROSS RENT(1) BY AGE OF HOUSEHOLDER(4) .....   | 4  |
|       | Universe: Specified renter-occupied<br>housing units paying cash rent  |    |
| HB39. | AGE OF HOUSEHOLDER(4) BY GROSS RENT AS A<br>PERCENTAGE OF HOUSEHOLD INCOME IN 1989(6) .....  | 24 |
|       | Universe: Specified renter-occupied housing units  |    |
| HB40. | AGE OF HOUSEHOLDER(4) BY MORTGAGE STATUS(2)<br>BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE<br>OF HOUSEHOLD INCOME IN 1989(6) ..... | 48 |
|       | Universe: Specified owner-occupied housing units   |    |
| HB41. | TENURE(2) BY AGE OF HOUSEHOLDER(4)<br>BY KITCHEN FACILITIES(2) .....   | 16 |
|       | Universe: Occupied housing units   |    |
| HB42. | TENURE(2) BY PERSONS IN UNIT(2) BY AGE OF<br>HOUSEHOLDER(4) .....  | 16 |
|       | Universe: Occupied housing units   |    |
| HB43. | TENURE(2) BY AGE OF HOUSEHOLDER(4) BY HOUSEHOLD<br>TYPE(5) .....   | 40 |
|       | Universe: Occupied housing units   |    |
| HB44. | TENURE(2) BY AGE OF HOUSEHOLDER(4) BY YEAR<br>STRUCTURE BUILT(3) .....   | 24 |
|       | Universe: Occupied housing units   |    |
| HB45. | TENURE(2) BY AGE OF HOUSEHOLDER(4) BY PLUMBING<br>FACILITIES(2) .....  | 16 |
|       | Universe: Occupied housing units   |    |
| HB46. | TENURE(2) BY AGE OF HOUSEHOLDER(4) BY VEHICLES<br>AVAILABLE(2) .....   | 16 |
|       | Universe: Occupied housing units   |    |
| HB47. | TENURE(2) BY AGE OF HOUSEHOLDER(4) BY PERSONS<br>IN UNIT(2) BY TELEPHONE IN HOUSING UNIT(2) .....                                      | 32 |
|       | Universe: Occupied housing units   |    |
| HB48. | AGGREGATE INCOME DEFICIT(1) BY TENURE(2) .....   | 2  |
|       | Universe: Occupied housing units with householder  |    |

with income in 1989 below the poverty level

|        |  |     |
|--------|--|-----|
| HB49.  | PERSONS PER ROOM(7) .....  | 7   |
|        | Universe: Occupied housing units   |     |
| HB50.  | TENURE(2) BY PERSONS IN UNIT(7) BY UNITS IN<br>STRUCTURE(10) .....   | 140 |
|        | Universe: Occupied housing units   |     |
| HB51.  | VALUE(26) .....  | 26  |
|        | Universe: Specified owner-occupied housing units   |     |
| HB51A. | MEDIAN VALUE(1) .....  | 1   |
|        | Universe: Specified owner-occupied housing units   |     |
| HB52.  | AGGREGATE VALUE(1) .....   | 1   |
|        | Universe: Specified owner-occupied housing units   |     |
| HB53.  | TENURE(2) BY HOUSEHOLD INCOME IN 1989(13)<br>BY PERSONS IN UNIT(7) .....   | 182 |
|        | Universe: Occupied housing units   |     |
| HB54.  | HOUSEHOLD INCOME IN 1989(13) BY VALUE(20) .....  | 260 |
|        | Universe: Specified owner-occupied housing units   |     |
| HB55.  | HOUSEHOLD INCOME IN 1989(13) BY GROSS RENT(17) .....   | 221 |
|        | Universe: Specified renter-occupied housing units  |     |
| HB56.  | AGE OF HOUSEHOLDER(2) BY RATIO OF INCOME IN 1989<br>TO POVERTY LEVEL(3) BY SELECTED CHARACTERISTICS(2)<br>BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD<br>INCOME IN 1989(4) BY PERSONS IN UNIT(3) .....                      | 144 |
|        | Universe: Specified renter-occupied housing units  |     |
| HB57.  | AGE OF HOUSEHOLDER(2) BY RATIO OF INCOME<br>IN 1989 TO POVERTY LEVEL(3) BY SELECTED<br>CHARACTERISTICS(2) BY SELECTED MONTHLY<br>OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD<br>INCOME IN 1989(4) BY PERSONS IN UNIT(3) ..... | 144 |
|        | Universe: Specified owner-occupied housing units   |     |
| HB58.  | TENURE(2) BY PLUMBING FACILITIES(2) BY KITCHEN<br>FACILITIES(2) BY PERSONS PER ROOM(2) BY YEAR<br>STRUCTURE BUILT(3) BY POVERTY STATUS IN 1989(2) .....  | 96  |
|        | Universe: Occupied housing units   |     |
| HB59.  | SELECTED CONDITIONS(2) BY AGE OF HOUSEHOLDER(3)<br>BY PERSONS IN UNIT(5) BY HOUSEHOLD INCOME<br>IN 1989(13) .....  | 390 |
|        | Universe: Owner-occupied housing units   |     |

|       |   |     |
|-------|---|-----|
| HB60. | SELECTED CONDITIONS(2) BY AGE OF HOUSEHOLDER(3)<br>BY PERSONS IN UNIT(5) BY HOUSEHOLD INCOME<br>IN 1989(13) ..... | 390 |
|       | Universe: Renter-occupied housing units   |     |
| HB61. | IMPUTATION OF TENURE(2) .....   | 2   |
|       | Universe: Occupied housing units  |     |
| HB62. | IMPUTATION OF YEAR HOUSEHOLDER MOVED INTO UNIT(2) .....   | 2   |
|       | Universe: Occupied housing units  |     |
| HB63. | IMPUTATION OF BEDROOMS(2) .....   | 2   |
|       | Universe: Occupied housing units  |     |
| HB64. | IMPUTATION OF PLUMBING FACILITIES(2) .....  | 2   |
|       | Universe: Occupied housing units  |     |
| HB65. | IMPUTATION OF KITCHEN FACILITIES(2) .....   | 2   |
|       | Universe: Occupied housing units  |     |
| HB66. | IMPUTATION OF TELEPHONE IN HOUSING UNIT(2) .....  | 2   |
|       | Universe: Occupied housing units  |     |
| HB67. | IMPUTATION OF VEHICLES AVAILABLE(2) .....   | 2   |
|       | Universe: Occupied housing units  |     |
| HB68. | IMPUTATION OF HOUSE HEATING FUEL(2) .....   | 2   |
|       | Universe: Occupied housing units  |     |
| HB69. | IMPUTATION OF SOURCE OF WATER(2) .....  | 2   |
|       | Universe: Occupied housing units  |     |
| HB70. | IMPUTATION OF SEWAGE DISPOSAL(2) .....  | 2   |
|       | Universe: Occupied housing units  |     |
| HB71. | IMPUTATION OF YEAR STRUCTURE BUILT(2) .....   | 2   |
|       | Universe: Occupied housing units  |     |
| HB72. | IMPUTATION OF MORTGAGE STATUS(2) .....  | 2   |
|       | Universe: Specified owner-occupied housing units  |     |
| HB73. | IMPUTATION OF MORTGAGE STATUS AND SELECTED MONTHLY<br>OWNER COSTS(4) .....  | 4   |
|       | Universe: Specified owner-occupied housing units  |     |
| HB74. | IMPUTATION OF GROSS RENT(2) .....   | 2   |
|       | Universe: Specified renter-occupied housing units   |     |



TABLE (MATRIX) OUTLINES

| TABLE<br>(MATRIX) | TITLE  | TOTAL NUMBER<br>OF DATA CELLS |
|-------------------|--|-------------------------------|
| PA1.              | PERSONS(1) .....<br>Universe: Persons<br>Total   | 1                             |
| PA2.              | UNWEIGHTED SAMPLE COUNT OF PERSONS(1) .....<br>Universe: Persons<br>Total  | 1                             |
| PA3.              | 100-PERCENT COUNT OF PERSONS(1) .....<br>Universe: Persons<br>Total  | 1                             |
| PA3A.             | PERCENT OF PERSONS IN SAMPLE(1) .....<br>Universe: Persons<br>Total  | 1                             |
| PA4.              | URBAN, RURAL, AND FARM RESIDENCE AND<br>ACREAGE OF PROPERTY(10) .....<br>Universe: Persons<br>Urban:<br>Inside urbanized area:<br>In households:<br>In housing units on properties of less than 1 acre<br>In housing units on properties of 1 acre or more<br>In group quarters<br>Outside urbanized area:<br>In households:<br>In housing units on properties of less than 1 acre<br>In housing units on properties of 1 acre or more<br>In group quarters<br>Rural:<br>In households:<br>In housing units on properties of less than 1 acre<br>In housing units on properties of 1 acre or more:<br>Farm<br>Nonfarm<br>In group quarters | 10                            |
| PA5.              | RACE(37) .....<br>Universe: Persons<br>White (800-869, 971)<br>Black (870-934, 972)<br>American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):<br>American Indian (000-599, 973)  | 37                            |

Eskimo (935-940, 974)  
 Aleut (941-970, 975)  
 Asian or Pacific Islander (600-699, 976-985):  
   Asian (600-652, 976, 977, 979-982, 985):  
     Chinese (605-607, 976):  
       Chinese, except Taiwanese (605, 976)  
       Taiwanese (606, 607)  
     Filipino (608, 977)  
     Japanese (611, 981)  
     Asian Indian (600, 982)  
     Korean (612, 979)  
     Vietnamese (619, 980)  
     Cambodian (604)  
     Hmong (609)  
     Laotian (613)  
     Thai (618)  
   Other Asian (601-603, 610, 614-617, 620-652, 985):  
     Bangladeshi (601)  
     Burmese (603)  
     Indonesian (610)  
     Malayan (614)  
     Okinawan (615)  
     Pakistani (616)  
     Sri Lankan (617)  
     All other Asian (602, 620-652, 985)  
   Pacific Islander (653-699, 978, 983, 984):  
     Polynesian (653-659, 978, 983):  
       Hawaiian (653, 654, 978)  
       Samoan (655, 983)  
       Tahitian (656)  
       Tongan (657)  
       Other Polynesian (658, 659)  
     Micronesian (660-675, 984):  
       Guamanian (660, 984)  
       Northern Mariana Islander (661, 671, 673)  
       Palauan (663)  
       Other Micronesian (662, 664-670, 672, 674, 675)  
     Melanesian (676-680):  
       Fijian (676)  
       Other Melanesian (677-680)  
     Pacific Islander, not specified (681-699)  
 Other race (700-799, 986-999)

PA6. HISPANIC ORIGIN(26) ..... 26  
 Universe: Persons  
 Not of Hispanic origin (000-001, 006-199)  
 Hispanic origin (002-005, 200-999):  
   Mexican (002, 210-220)  
   Puerto Rican (003, 261-270)  
   Cuban (004, 271-274)  
   Other Hispanic (005, 200-209, 221-260, 275-999):

- Dominican (Dominican Republic) (275-289)
- Central American (221-230):
  - Costa Rican (221)
  - Guatemalan (222)
  - Honduran (223)
  - Nicaraguan (224)
  - Panamanian (225)
  - Salvadoran (226)
  - Other Central American (227-230)
- South American (231-249):
  - Argentinean (231)
  - Bolivian (232)
  - Chilean (233)
  - Colombian (234)
  - Ecuadorian (235)
  - Paraguayan (236)
  - Peruvian (237)
  - Uruguayan (238)
  - Venezuelan (239)
  - Other South American (240-249)
- Spaniard (200-209)
- Spanish (291)
- Spanish American (295)
- All other Hispanic origin (005, 250-260, 290, 292-294, 296-999)

PA7. HISPANIC ORIGIN(2) BY RACE(5) ..... 10

- Universe: Persons
- Not of Hispanic origin:
  - White
  - Black
  - American Indian, Eskimo, or Aleut
  - Asian or Pacific Islander
  - Other race
- Hispanic origin:
  - (Repeat RACE)

PA8. AGGREGATE PERSONS IN HOUSEHOLDS(1)  
 BY RACE OF HOUSEHOLDER(37) ..... 37

- Universe: Persons in households
- Total:
  - White (800-869, 971)
  - Black (870-934, 972)
  - American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):
    - American Indian (000-599, 973)
    - Eskimo (935-940, 974)
    - Aleut (941-970, 975)
  - Asian or Pacific Islander (600-699, 976-985):
    - Asian (600-652, 976, 977, 979-982, 985):
    - Chinese (605-607, 976):

Chinese, except Taiwanese (605, 976)  
   Taiwanese (606, 607)  
 Filipino (608, 977)  
 Japanese (611, 981)  
 Asian Indian (600, 982)  
 Korean (612, 979)  
 Vietnamese (619, 980)  
 Cambodian (604)  
 Hmong (609)  
 Laotian (613)  
 Thai (618)  
 Other Asian (601-603, 610, 614-617, 620-652, 985):  
   Bangladeshi (601)  
   Burmese (603)  
   Indonesian (610)  
   Malayan (614)  
   Okinawan (615)  
   Pakistani (616)  
   Sri Lankan (617)  
   All other Asian (602, 620-652, 985)  
 Pacific Islander (653-699, 978, 983, 984):  
   Polynesian (653-659, 978, 983):  
     Hawaiian (653, 654, 978)  
     Samoan (655, 983)  
     Tahitian (656)  
     Tongan (657)  
     Other Polynesian (658, 659)  
   Micronesian (660-675, 984):  
     Guamanian (660, 984)  
     Northern Mariana Islander (661, 671, 673)  
     Palauan (663)  
     Other Micronesian (662, 664-670, 672, 674, 675)  
   Melanesian (676-680):  
     Fijian (676)  
     Other Melanesian (677-680)  
   Pacific Islander, not specified (681-699)  
 Other race (700-799, 986-999)

PA9. RACE OF HOUSEHOLDER(37) ..... 37  
   Universe: Households  
   White (800-869, 971)  
   Black (870-934, 972)  
   American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):  
     American Indian (000-599, 973)  
     Eskimo (935-940, 974)  
     Aleut (941-970, 975)  
   Asian or Pacific Islander (600-699, 976-985):  
     Asian (600-652, 976, 977, 979-982, 985):  
       Chinese (605-607, 976):  
         Chinese, except Taiwanese (605, 976)  
         Taiwanese (606, 607)



- Filipino (608, 977)
- Japanese (611, 981)
- Asian Indian (600, 982)
- Korean (612, 979)
- Vietnamese (619, 980)
- Cambodian (604)
- Hmong (609)
- Laotian (613)
- Thai (618)
- Other Asian (601-603, 610, 614-617, 620-652, 985):
  - Bangladeshi (601)
  - Burmese (603)
  - Indonesian (610)
  - Malayan (614)
  - Okinawan (615)
  - Pakistani (616)
  - Sri Lankan (617)
  - All other Asian (602, 620-652, 985)
- Pacific Islander (653-699, 978, 983, 984):
  - Polynesian (653-659, 978, 983):
    - Hawaiian (653, 654, 978)
    - Samoan (655, 983)
    - Tahitian (656)
    - Tongan (657)
    - Other Polynesian (658, 659)
  - Micronesian (660-675, 984):
    - Guamanian (660, 984)
    - Northern Mariana Islander (661, 671, 673)
    - Palauan (663)
    - Other Micronesian (662, 664-670, 672, 674, 675)
  - Melanesian (676-680):
    - Fijian (676)
    - Other Melanesian (677-680)
  - Pacific Islander, not specified (681-699)
  - Other race (700-799, 986-999)

PA10. AGGREGATE PERSONS IN HOUSEHOLDS(1) BY HISPANIC ORIGIN OF HOUSEHOLDER(26) ..... 26

Universe: Persons in households

Total:

- Not of Hispanic origin (000-001, 006-199)
- Hispanic origin (002-005, 200-999):
  - Mexican (002, 210-220)
  - Puerto Rican (003, 261-270)
  - Cuban (004, 271-274)
  - Other Hispanic (005, 200-209, 221-260, 275-999):
    - Dominican (Dominican Republic) (275-289)
  - Central American (221-230):
    - Costa Rican (221)
    - Guatemalan (222)
    - Honduran (223)

- Nicaraguan (224)
- Panamanian (225)
- Salvadoran (226)
- Other Central American (227-230)
- South American (231-249):
  - Argentinean (231)
  - Bolivian (232)
  - Chilean (233)
  - Colombian (234)
  - Ecuadorian (235)
  - Paraguayan (236)
  - Peruvian (237)
  - Uruguayan (238)
  - Venezuelan (239)
  - Other South American (240-249)
- Spaniard (200-209)
- Spanish (291)
- Spanish American (295)
- All other Hispanic origin (005, 250-260, 290, 292-294, 296-999)

|       |  |    |
|-------|--|----|
| PA11. | HISPANIC ORIGIN OF HOUSEHOLDER(26) .....         | 26 |
|       | Universe: Households                             |    |
|       | Not of Hispanic origin (000-001, 006-199)        |    |
|       | Hispanic origin (002-005, 200-999):              |    |
|       | Mexican (002, 210-220)                           |    |
|       | Puerto Rican (003, 261-270)                      |    |
|       | Cuban (004, 271-274)                             |    |
|       | Other Hispanic (005, 200-209, 221-260, 275-999): |    |
|       | Dominican (Dominican Republic) (275-289)         |    |
|       | Central American (221-230):                      |    |
|       | Costa Rican (221)                                |    |
|       | Guatemalan (222)                                 |    |
|       | Honduran (223)                                   |    |
|       | Nicaraguan (224)                                 |    |
|       | Panamanian (225)                                 |    |
|       | Salvadoran (226)                                 |    |
|       | Other Central American (227-230)                 |    |
|       | South American (231-249):                        |    |
|       | Argentinean (231)                                |    |
|       | Bolivian (232)                                   |    |
|       | Chilean (233)                                    |    |
|       | Colombian (234)                                  |    |
|       | Ecuadorian (235)                                 |    |
|       | Paraguayan (236)                                 |    |
|       | Peruvian (237)                                   |    |
|       | Uruguayan (238)                                  |    |
|       | Venezuelan (239)                                 |    |
|       | Other South American (240-249)                   |    |
|       | Spaniard (200-209)                               |    |
|       | Spanish (291)                                    |    |

Spanish American (295)  
 All other Hispanic origin (005, 250-260,  
 290, 292-294, 296-999)

PA12. AGGREGATE PERSONS IN HOUSEHOLDS(1) BY HISPANIC ORIGIN  
 OF HOUSEHOLDER(2) BY RACE OF HOUSEHOLDER(5) ..... 10

Universe: Persons in households

Total:

Not of Hispanic origin:

White

Black

American Indian, Eskimo, or Aleut

Asian or Pacific Islander

Other race

Hispanic origin:

(Repeat RACE OF HOUSEHOLDER)

PA13. HISPANIC ORIGIN OF HOUSEHOLDER(2)  
 BY RACE OF HOUSEHOLDER(5) ..... 10

Universe: Households

Not of Hispanic origin:

White

Black

American Indian, Eskimo, or Aleut

Asian or Pacific Islander

Other race

Hispanic origin:

(Repeat RACE OF HOUSEHOLDER)

PA14. AGGREGATE PERSONS IN FAMILIES(1)  
 BY RACE OF HOUSEHOLDER(37) ..... 37

Universe: Persons in families

Total:

White (800-869, 971)

Black (870-934, 972)

American Indian, Eskimo, or Aleut (000-599,  
 935-970, 973-975):

American Indian (000-599, 973)

Eskimo (935-940, 974)

Aleut (941-970, 975)

Asian or Pacific Islander (600-699, 976-985):

Asian (600-652, 976, 977, 979-982, 985):

Chinese (605-607, 976):

Chinese, except Taiwanese (605, 976)

Taiwanese (606, 607)

Filipino (608, 977)

Japanese (611, 981)

Asian Indian (600, 982)

Korean (612, 979)

Vietnamese (619, 980)

Cambodian (604)

Hmong (609)  
 Laotian (613)  
 Thai (618)  
 Other Asian (601-603, 610, 614-617, 620-652, 985):  
   Bangladeshi (601)  
   Burmese (603)  
   Indonesian (610)  
   Malayan (614)  
   Okinawan (615)  
   Pakistani (616)  
   Sri Lankan (617)  
   All other Asian (602, 620-652, 985)  
 Pacific Islander (653-699, 978, 983, 984):  
   Polynesian (653-659, 978, 983):  
     Hawaiian (653, 654, 978)  
     Samoan (655, 983)  
     Tahitian (656)  
     Tongan (657)  
     Other Polynesian (658, 659)  
   Micronesian (660-675, 984):  
     Guamanian (660, 984)  
     Northern Mariana Islander (661, 671, 673)  
     Palauan (663)  
     Other Micronesian (662, 664-670, 672, 674, 675)  
   Melanesian (676-680):  
     Fijian (676)  
     Other Melanesian (677-680)  
   Pacific Islander, not specified (681-699)  
 Other race (700-799, 986-999)

PA15. RACE OF HOUSEHOLDER(37) ..... 37  
   Universe: Families  
   White (800-869, 971)  
   Black (870-934, 972)  
   American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975):  
     American Indian (000-599, 973)  
     Eskimo (935-940, 974)  
     Aleut (941-970, 975)  
   Asian or Pacific Islander (600-699, 976-985):  
     Asian (600-652, 976, 977, 979-982, 985):  
       Chinese (605-607, 976):  
         Chinese, except Taiwanese (605, 976)  
         Taiwanese (606, 607)  
       Filipino (608, 977)  
       Japanese (611, 981)  
       Asian Indian (600, 982)  
       Korean (612, 979)  
       Vietnamese (619, 980)  
       Cambodian (604)  
       Hmong (609)  
       Laotian (613)

- Thai (618)
- Other Asian (601-603, 610, 614-617, 620-652, 985):
  - Bangladeshi (601)
  - Burmese (603)
  - Indonesian (610)
  - Malayan (614)
  - Okinawan (615)
  - Pakistani (616)
  - Sri Lankan (617)
  - All other Asian (602, 620-652, 985)
- Pacific Islander (653-699, 978, 983, 984):
  - Polynesian (653-659, 978, 983):
    - Hawaiian (653, 654, 978)
    - Samoaan (655, 983)
    - Tahitian (656)
    - Tongan (657)
    - Other Polynesian (658, 659)
  - Micronesian (660-675, 984):
    - Guamanian (660, 984)
    - Northern Mariana Islander (661, 671, 673)
    - Palauan (663)
    - Other Micronesian (662, 664-670, 672, 674, 675)
  - Melanesian (676-680):
    - Fijian (676)
    - Other Melanesian (677-680)
  - Pacific Islander, not specified (681-699)
- Other race (700-799, 986-999)

PA16. AGGREGATE PERSONS IN FAMILIES(1)  
 BY HISPANIC ORIGIN OF HOUSEHOLDER(26) ..... 26  
 Universe: Persons in families  
 Total:  
     Not of Hispanic origin (000-001, 006-199)  
     Hispanic origin (002-005,200-999):  
         Mexican (002, 210-220)  
         Puerto Rican (003, 261-270)  
         Cuban (004, 271-274)  
         Other Hispanic (005, 200-209, 221-260, 275-999):  
             Dominican (Dominican Republic) (275-289)  
             Central American (221-230):  
                 Costa Rican (221)  
                 Guatemalan (222)  
                 Honduran (223)  
                 Nicaraguan (224)  
                 Panamanian (225)  
                 Salvadoran (226)  
                 Other Central American (227-230)  
             South American (231-249):  
                 Argentinean (231)  
                 Bolivian (232)  
                 Chilean (233)

- Colombian (234)
- Ecuadorian (235)
- Paraguayan (236)
- Peruvian (237)
- Uruguayan(238)
- Venezuelan (239)
- Other South American (240-249)
- Spaniard (200-209)
- Spanish (291)
- Spanish American (295)
- All other Hispanic origin (005, 250-260, 290, 292-294, 296-999)

PA17. HISPANIC ORIGIN OF HOUSEHOLDER(26) ..... 26

- Universe: Families
- Not of Hispanic origin (000-001, 006-199)
- Hispanic origin (002-005, 200-999):
  - Mexican (002, 210-220)
  - Puerto Rican (003, 261-270)
  - Cuban (004, 271-274)
  - Other Hispanic (005, 200-209, 221-260, 275-999):
    - Dominican (Dominican Republic) (275-289)
    - Central American (221-230):
      - Costa Rican (221)
      - Guatemalan (222)
      - Honduran (223)
      - Nicaraguan (224)
      - Panamanian (225)
      - Salvadoran (226)
      - Other Central American (227-230)
    - South American (231-249):
      - Argentinean (231)
      - Bolivian (232)
      - Chilean (233)
      - Colombian (234)
      - Ecuadorian (235)
      - Paraguayan (236)
      - Peruvian (237)
      - Uruguayan (238)
      - Venezuelan (239)
      - Other South American (240-249)
  - Spanish (200-209)
  - Spanish (291)
  - Spanish American (295)
  - All other Hispanic origin (005, 250-260, 290, 292-294, 296-999)

PA18. AGGREGATE PERSONS IN FAMILIES(1) BY HISPANIC ORIGIN OF HOUSEHOLDER(2) BY RACE OF HOUSEHOLDER(5) ..... 10

- Universe: Persons in families
- Total:

Not of Hispanic origin:  
 White  
 Black  
 American Indian, Eskimo, or Aleut  
 Asian or Pacific Islander  
 Other race  
 Hispanic origin:  
 (Repeat RACE OF HOUSEHOLDER)

PA19. HISPANIC ORIGIN OF HOUSEHOLDER(2) ..... 10  
 BY RACE OF HOUSEHOLDER(5) .....

Universe: Families  
 Not of Hispanic origin:  
 White  
 Black  
 American Indian, Eskimo, or Aleut  
 Asian or Pacific Islander  
 Other race  
 Hispanic origin:  
 (Repeat RACE OF HOUSEHOLDER)

PA20. ANCESTRY(4) ..... 4

Universe: Persons  
 Ancestry specified:  
 Single ancestry  
 Multiple ancestry  
 Ancestry unclassified  
 Ancestry not reported

PA21. ANCESTRY(106) ..... 106

Universe: Persons  
 First ancestry reported (000-999):  
 Acadian/Cajun (936-938)  
 Albanian (100)  
 Alsatian (000-001)  
 Arab (400-415, 417-418, 421-430, 435-481, 490-499):  
 Egyptian (402-403)  
 Iraqi (417-418)  
 Jordanian (421-422)  
 Lebanese (425)  
 Moroccan (406-407)  
 Palestinian (465-467)  
 Syrian (429-430)  
 Arab/Arabic (495-499)  
 Other Arab (400-401, 404-405, 408-415, 423-424,  
 426-428, 435-464, 468-481, 490-494)  
 Armenian (431-433)  
 Assyrian (482-489)  
 Australian (800-802)  
 Austrian (003-004)  
 Basque (005-007)

Belgian (008-010)  
Brazilian (360-364)  
British (011-014)  
Bulgarian (103)  
Canadian (931-934)  
Carpatho Russian (104-105)  
Celtic (099)  
Cypriot (017-019)  
Croatian (109-110)  
Czech (111-113)  
Czechoslovakian (114)  
Danish (020, 023)  
Dutch (021, 029)  
Eastern European (190)  
English (015, 022)  
Estonian (115-116)  
European (195)  
Finnish (024-025)  
French (except Basque) (016, 026-028, 083)  
French Canadian (935)  
German (032-045)  
German Russian (122-123)  
Greek (046-048)  
Guyanese (370-374)  
Hungarian (125-126)  
Icelander (049)  
Iranian (416)  
Irish (050, 081)  
Israeli (419-420)  
Italian (030-031, 051-074)  
Latvian (128)  
Lithuanian (129)  
Luxemburger (077)  
Macedonian (130-131)  
Maltese (078)  
New Zealand (803-807)  
Northern European (183-184)  
Norwegian (082)  
Pennsylvania German (929)  
Polish (142-143)  
Portuguese (084-086)  
Romanian (144-147)  
Russian (148-151)  
Scandinavian (098)  
Scotch-Irish (087)  
Scottish (088)  
Serbian (152)  
Slavic (178-180)  
Slovak (153)  
Slovene (154-155)  
Soviet Union (164)



Subsaharan African (500-599):  
 Cape Verdean (510-511)  
 Ethiopian (522-524)  
 Ghanaian (529)  
 Kenyan (534-537)  
 Liberian (541-542)  
 Nigerian (553-560)  
 Senegalese (564-565)  
 Sierra Leonean (566-567)  
 Somalian (568)  
 South African (570-573)  
 Sudanese (576-581)  
 Ugandan (588)  
 Zairian (591)  
 Zimbabwean (593)  
 African (599)  
 Other Subsaharan African (500-509, 512-521, 525-528,  
 530-533, 538-540, 543-552, 561-563, 569, 574-575,  
 582-587, 589-590, 592, 594-598)  
 Swedish (089-090)  
 Swiss (091-096)  
 Turkish (434)  
 Ukrainian (171-174)  
 United States or American (939-994)  
 Welsh (097)  
 West Indian (excluding Hispanic origin groups) (300-359):  
 Bahamian (300)  
 Barbadian (301)  
 Belizean (302)  
 Bermudan (303)  
 British West Indian (321-331)  
 Dutch West Indian (310-313)  
 Haitian (336-359)  
 Jamaican (308-309)  
 Trinidadian Tobagonian (314-316)  
 U.S. Virgin Islander (317-320)  
 West Indian (335)  
 Other West Indian (304-307, 332-334)  
 Yugoslavian (176-177)  
 Race or Hispanic origin groups (200-299, 900-928)  
 Other groups (002, 075-076, 079-080, 101-102,  
 106-108, 117-121, 124, 127, 132-141, 156-163,  
 165-170, 175, 181-182, 185-189, 191-194, 196-199,  
 365-369, 375-399, 600-799, 808-862, 930, 998)  
 Unclassified or not reported (863-899, 995-997, 999)

PA22. ANCESTRY(106) ..... 106  
 Universe: Persons  
 Second ancestry reported (000-999):  
 Acadian/Cajun (936-938)  
 Albanian (100)

Alsatian (000-001)  
Arab (400-415, 417-418, 421-430, 435-481, 490-499):  
    Egyptian (402-403)  
    Iraqi (417-418)  
    Jordanian (421-422)  
    Lebanese(425)  
    Moroccan (406-407)  
    Palestinian (465-467)  
    Syrian (429-430)  
    Arab/Arabic (495-499)  
    Other Arab (400-401, 404-405, 408-415, 423-424,  
        426-428, 435-464, 468-481, 490-494)  
Armenian (431-433)  
Assyrian (482-489)  
Australian (800-802)  
Austrian (003-004)  
Basque (005-007)  
Belgian (008-010)  
Brazilian (360-364)  
British (011-014)  
Bulgarian (103)  
Canadian (931-934)  
Carpatho Russian (104-105)  
Celtic (099)  
Cypriot (017-019)  
Croatian (109-110)  
Czech (111-113)  
Czechoslovakian (114)  
Danish (020, 023)  
Dutch (021, 029)  
Eastern European (190)  
English (015, 022)  
Estonian (115-116)  
European (195)  
Finnish (024-025)  
French (except Basque) (016, 026-028, 083)  
French Canadian (935)  
German (032-045)  
German Russian (122-123)  
Greek (046-048)  
Guyanese (370-374)  
Hungarian (125-126)  
Icelander (049)  
Iranian (416)  
Irish (050, 081)  
Israeli (419-420)  
Italian (030-031, 051-074)  
Latvian (128)  
Lithuanian (129)  
Luxemburger (077)  
Macedonian (130-131)

Maltese (078)  
New Zealand (803-807)  
Northern European (183-184)  
Norwegian (082)  
Pennsylvania German (929)  
Polish (142-143)  
Portuguese (084-086)  
Romanian (144-147)  
Russian (148-151)  
Scandinavian (098)  
Scotch-Irish (087)  
Scottish (088)  
Serbian (152)  
Slavic (178-180)  
Slovak (153)  
Slovene (154-155)  
Soviet Union (164)  
Subsaharan African (500-599):  
    Cape Verdean (510-511)  
    Ethiopian (522-524)  
    Ghanian (529)  
    Kenyan (534-537)  
    Liberian (541-542)  
    Nigerian (553-560)  
    Senegalese (564-565)  
    Sierra Leonean (566-567)  
    Somalian (568)  
    South African (570-573)  
    Sudanese (576-581)  
    Ugandan (588)  
    Zairian (591)  
    Zimbabwean (593)  
    African (599)  
    Other Subsaharan African (500-509, 512-521, 525-528,  
        530-533, 538-540, 543-552, 561-563, 569, 574-575,  
        582-587, 589-590, 592, 594-598)  
Swedish (089-090)  
Swiss (091-096)  
Turkish (434)  
Ukrainian (171-174)  
United States or American (939-994)  
Welsh (097)  
West Indian (excluding Hispanic origin groups) (300-359):  
    Bahamian (300)  
    Barbadian (301)  
    Belizean (302)  
    Bermudan (303)  
    British West Indian (321-331)  
    Dutch West Indian (310-313)  
    Haitian (336-359)  
    Jamaican (308-309)

Trinidadian Tobagonian (314-316)  
 U.S. Virgin Islander (317-320)  
 West Indian (335)  
 Other West Indian (304-307, 332-334)  
 Yugoslavian (176-177)  
 Race or Hispanic origin groups (200-299, 900-928)  
 Other groups (002, 075-076, 079-080, 101-102, 106-108,  
 117-121, 124, 127, 132-141, 156-163, 165-170, 175,  
 181-182, 185-189, 191-194, 196-199, 365-369, 375-399,  
 600-799, 808-862, 930, 998)  
 Unclassified or not reported (863-899, 995-997, 999)

|       |   |     |
|-------|---|-----|
| PA23. | PLACE OF BIRTH(100) .....   | 100 |
|       | Universe: Foreign-born persons  |     |
|       | Europe (100-179, 181-199):  |     |
|       | Austria (102)   |     |
|       | Belgium (103)   |     |
|       | Czechoslovakia (105)  |     |
|       | Denmark (106)   |     |
|       | Estonia (182)   |     |
|       | Finland (108)   |     |
|       | France (109)  |     |
|       | Germany (110-114)   |     |
|       | Greece (116)  |     |
|       | Hungary (117)   |     |
|       | Ireland (119)   |     |
|       | Italy (120)   |     |
|       | Latvia (183)  |     |
|       | Lithuania (184)   |     |
|       | Netherlands (126)   |     |
|       | Norway (127)  |     |
|       | Poland (128)  |     |
|       | Portugal (129-130)  |     |
|       | Romania (132)   |     |
|       | Spain (134)   |     |
|       | Sweden (136)  |     |
|       | Switzerland (137)   |     |
|       | United Kingdom (138-145)  |     |
|       | Yugoslavia (147)  |     |
|       | Other Europe (100-101, 104, 107, 115, 118, 121-125, 131,<br>133, 135, 146, 148-179, 181, 185-199) |     |
|       | Soviet Union (180)  |     |
|       | Asia (200-299):   |     |
|       | Afghanistan (200)   |     |
|       | Burma (205)   |     |
|       | Cambodia (206)  |     |
|       | China (207)   |     |
|       | Hong Kong (209)   |     |
|       | India (210)   |     |
|       | Indonesia (211)   |     |
|       | Iran (212)  |     |

- Iraq (213)
- Israel (214)
- Japan (215)
- Jordan (216)
- Korea (217-219)
- Laos (221)
- Lebanon (222)
- Malaysia (224)
- Pakistan (229)
- Philippines (231)
- Saudi Arabia (233)
- Syria (237)
- Taiwan (238)
- Thailand (239)
- Turkey (240)
- Vietnam (242)
- Other Asian (201-204, 208, 220, 223, 225-228, 230, 232, 234-236, 241, 243-299)
- North America (300-374):
  - Canada (301)
  - Mexico (315)
  - Caribbean (330-374):
    - Antigua and Barbuda (331)
    - Bahamas (333)
    - Barbados (334)
    - Cuba (337)
    - Dominican Republic (339)
    - Grenada (340)
    - Haiti (342)
    - Jamaica (343)
    - Trinidad/Tobago (351)
    - Other Caribbean (330, 332, 335-336, 338, 341, 344-350, 352-374)
  - Central America (310-314, 316-329):
    - Belize (310)
    - Costa Rica (311)
    - El Salvador (312)
    - Guatemala (313)
    - Honduras (314)
    - Nicaragua (316)
    - Panama (317)
    - Other Central America (318-329)
  - Other North America (300, 302-309)
- South America (375-399):
  - Argentina (375)
  - Bolivia (376)
  - Brazil (377)
  - Chile (378)
  - Colombia (379)
  - Ecuador (380)
  - Guyana (383)

- Peru (385)
- Uruguay (387)
- Venezuela (388)
- Other South America (381-382, 384, 386, 389-399)
- Africa (400-499):
  - Cape Verde (409)
  - Egypt (415)
  - Ethiopia (417)
  - Ghana (421)
  - Kenya (427)
  - Morocco (436)
  - Nigeria (440)
  - Senegal (444)
  - South Africa (449)
  - Other Africa (400-408, 410-414, 416, 418-420, 422-426, 428-435, 437-439, 441-443, 445-448, 450-499)
- Oceania (500-553):
  - Australia (501)
  - Fiji (507)
  - New Zealand (514)
  - Tonga (522)
  - Western Samoa (526)
  - Other Oceania (500, 502-506, 508-513, 515-521, 523-525, 527-553)
- Not reported (554-999)

PA24. YEAR OF ENTRY(2) BY PLACE OF BIRTH(12) ..... 24

- Universe: Foreign-born persons
- Immigrated 1980 to 1990:
  - Europe (100-179, 181-199)
    - Soviet Union (180)
  - Asia (200-299)
    - North America (300-374):
      - Canada (301)
      - Mexico (315)
      - Caribbean (330-374)
        - Central America (310-314, 316-329)
        - Other North America (300, 302-309)
    - South America (375-399)
  - Africa (400-499)
  - Oceania (500-553)
  - Not reported (554-999)
- Immigrated before 1980:
  - (Repeat PLACE OF BIRTH)

PA25. AGE(3)BY LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH(105) ..... 315

- Universe: Persons 5 years and over
- 5 to 17 years:
  - Speak only English
  - Spanish or Spanish Creole (625, 627-628):

Speak English "very well"  
Speak English "well"  
Speak English "not well"  
Speak English "not at all"  
French or French Creole (620-624):  
Speak English "very well"  
Speak English "well"  
Speak English "not well"  
Speak English "not at all"  
Italian (619):  
Speak English "very well"  
Speak English "well"  
Speak English "not well"  
Speak English "not at all"  
Portuguese or Portuguese Creole (629-630):  
Speak English "very well"  
Speak English "well"  
Speak English "not well"  
Speak English "not at all"  
German (607, 613):  
Speak English "very well"  
Speak English "well"  
Speak English "not well"  
Speak English "not at all"  
Yiddish (609):  
Speak English "very well"  
Speak English "well"  
Speak English "not well"  
Speak English "not at all"  
Other West Germanic language (608, 610-612):  
Speak English "very well"  
Speak English "well"  
Speak English "not well"  
Speak English "not at all"  
Scandinavian (614-618):  
Speak English "very well"  
Speak English "well"  
Speak English "not well"  
Speak English "not at all"  
Polish (645):  
Speak English "very well"  
Speak English "well"  
Speak English "not well"  
Speak English "not at all"  
Russian (639):  
Speak English "very well"  
Speak English "well"  
Speak English "not well"  
Speak English "not at all"  
South Slavic (647-652):  
Speak English "very well"

Speak English "well"  
Speak English "not well"  
Speak English "not at all"  
Other Slavic language (640-644, 646):  
Speak English "very well"  
Speak English "well"  
Speak English "not well"  
Speak English "not at all"  
Greek (637):  
Speak English "very well"  
Speak English "well"  
Speak English "not well"  
Speak English "not at all"  
Indic (662-678):  
Speak English "very well"  
Speak English "well"  
Speak English "not well"  
Speak English "not at all"  
Other Indo-European language (601-606, 626,  
631-636, 638, 653-661):  
Speak English "very well"  
Speak English "well"  
Speak English "not well"  
Speak English "not at all"  
Chinese (708-715):  
Speak English "very well"  
Speak English "well"  
Speak English "not well"  
Speak English "not at all"  
Japanese (723):  
Speak English "very well"  
Speak English "well"  
Speak English "not well"  
Speak English "not at all"  
Mon-Khmer (726):  
Speak English "very well"  
Speak English "well"  
Speak English "not well"  
Speak English "not at all"  
Korean (724):  
Speak English "very well"  
Speak English "well"  
Speak English "not well"  
Speak English "not at all"  
Tagalog (742):  
Speak English "very well"  
Speak English "well"  
Speak English "not well"  
Speak English "not at all"  
Vietnamese (728):  
Speak English "very well"



Speak English "well"  
 Speak English "not well"  
 Speak English "not at all"  
 Other Asian or Pacific Island language (684-695,  
 698-707, 716-722, 725, 727, 729-741, 743-776):  
 Speak English "very well"  
 Speak English "well"  
 Speak English "not well"  
 Speak English "not at all"  
 Arabic (777):  
 Speak English "very well"  
 Speak English "well"  
 Speak English "not well"  
 Speak English "not at all"  
 Hungarian (682):  
 Speak English "very well"  
 Speak English "well"  
 Speak English "not well"  
 Speak English "not at all"  
 Native North American languages (800-955, 959-966,  
 977-982):  
 Speak English "very well"  
 Speak English "well"  
 Speak English "not well"  
 Speak English "not at all"  
 Other and unspecified languages (679-681, 683, 696-697,  
 778-799, 956-958, 967-976, 983-999):  
 Speak English "very well"  
 Speak English "well"  
 Speak English "not well"  
 Speak English "not at all"  
 18 to 59 years:  
 (Repeat LANGUAGE SPOKEN AT HOME AND  
 ABILITY TO SPEAK ENGLISH)  
 60 years and over:  
 (Repeat LANGUAGE SPOKEN AT HOME AND  
 ABILITY TO SPEAK ENGLISH)

PA26. LANGUAGE SPOKEN AT HOME AND LINGUISTIC ISOLATION(11) ... 11  
 Universe: Persons 5 years and over  
 Persons in households:  
 Speak only English:  
   Linguistically isolated  
   Not linguistically isolated  
 Speak Spanish:  
   Linguistically isolated  
   Not linguistically isolated  
 Speak other Indo-European language:  
   Linguistically isolated  
   Not linguistically isolated  
 Speak Asian or Pacific Island language:

Linguistically isolated  
 Not linguistically isolated  
 Speak other language:  
     Linguistically isolated  
     Not linguistically isolated  
 Persons in group quarters

PA27. SEX(2) BY AGE(4) BY HOUSEHOLD TYPE  
 AND RELATIONSHIP(11) ..... 11  
 Universe: Persons 18 years and over

Male:  
     18 to 24 years:  
         In households:  
             Householder or spouse  
             Child:  
                 In married-couple family  
                 In other family:  
                     Male householder, no wife present  
                     Female householder, no husband present  
             Other relatives:  
                 In married-couple family  
                 In other family:  
                     Male householder, no wife present  
                     Female householder, no husband present  
             Nonrelatives:  
                 In family households  
                 In nonfamily households  
         In group quarters:  
             Institutionalized persons  
             Other persons in group quarters  
     25 to 34 years:  
         (Repeat HOUSEHOLD TYPE AND RELATIONSHIP)  
     35 to 44 years:  
         (Repeat HOUSEHOLD TYPE AND RELATIONSHIP)  
     45 years and over:  
         (Repeat HOUSEHOLD TYPE AND RELATIONSHIP)  
 Female:  
     (Repeat AGE By HOUSEHOLD TYPE AND RELATIONSHIP)

PA28. PRESENCE AND AGE OF CHILDREN(2) BY FAMILY TYPE(3) ..... 6

Universe: Families  
 Families with child of householder 18 years and over:  
     Married-couple family  
     Other family:  
         Male householder, no wife present  
         Female householder, no husband present  
 Families with no child of householder 18 years and over:  
     (Repeat FAMILY TYPE)

PA29. IMPUTATION OF POPULATION ITEMS(2) ..... 2  
 Universe: Persons

No items allocated  
 One or more items allocated

|       |   |    |
|-------|---|----|
| PA30. | IMPUTATION OF ACREAGE OF PROPERTY(3) .....<br>Universe: Persons in households<br>Allocated<br>Not allocated:<br>In housing units on properties of less than 1 acre<br>In housing units on properties of 1 acre or more  | 3  |
| PA31. | FILLER(4) .....<br>Filler<br>Filler<br>Filler<br>Filler   | 4  |
| PA32. | IMPUTATION OF RELATIONSHIP(10) .....<br>Universe: Persons in households<br>Allocated<br>Not allocated:<br>In family households:<br>Householder<br>Spouse<br>Child:<br>Natural-born or adopted<br>Step<br>Grandchild<br>Other relatives<br>Nonrelatives<br>In nonfamily households:<br>Householder<br>Nonrelatives | 10 |
| PA33. | IMPUTATION OF GROUP QUARTERS(3) .....<br>Universe: Persons in group quarters<br>Allocated<br>Not allocated:<br>Institutionalized persons<br>Other persons in group quarters   | 3  |
| PA34. | IMPUTATION OF SEX(3) .....<br>Universe: Persons<br>Allocated<br>Not allocated:<br>Male<br>Female  | 3  |
| PA35. | IMPUTATION OF RACE(6) .....<br>Universe: Persons<br>Allocated<br>Not allocated:   | 6  |

White  
 Black  
 American Indian, Eskimo, or Aleut  
 Asian or Pacific Islander  
 Other race

|       |   |    |
|-------|---|----|
| PA36. | IMPUTATION OF AGE(19) .....                     | 19 |
|       | Universe: Persons                               |    |
|       | Allocated                                       |    |
|       | Not allocated:                                  |    |
|       | Under 5 years                                   |    |
|       | 5 to 9 years                                    |    |
|       | 10 to 14 years                                  |    |
|       | 15 to 19 years                                  |    |
|       | 20 to 24 years                                  |    |
|       | 25 to 29 years                                  |    |
|       | 30 to 34 years                                  |    |
|       | 35 to 39 years                                  |    |
|       | 40 to 44 years                                  |    |
|       | 45 to 49 years                                  |    |
|       | 50 to 54 years                                  |    |
|       | 55 to 59 years                                  |    |
|       | 60 to 64 years                                  |    |
|       | 65 to 69 years                                  |    |
|       | 70 to 74 years                                  |    |
|       | 75 to 79 years                                  |    |
|       | 80 to 84 years                                  |    |
|       | 85 years and over                               |    |
| PA37. | SEX(2) BY IMPUTATION OF MARITAL STATUS(6) ..... | 12 |
|       | Universe: Persons 15 years and over             |    |
|       | Male:   |    |
|       | Allocated                                       |    |
|       | Not allocated:                                  |    |
|       | Never married                                   |    |
|       | Now married, except separated                   |    |
|       | Separated                                       |    |
|       | Widowed   |    |
|       | Divorced  |    |
|       | Female:   |    |
|       | (Repeat IMPUTATION OF MARITAL STATUS)           |    |
| PA38. | IMPUTATION OF HISPANIC ORIGIN(6) .....          | 6  |
|       | Universe: Persons                               |    |
|       | Allocated                                       |    |
|       | Not allocated                                   |    |
|       | Not of Hispanic origin                          |    |
|       | Hispanic origin:                                |    |
|       | Mexican   |    |
|       | Puerto Rican                                    |    |
|       | Cuban   |    |

Other Hispanic

|       |  |    |
|-------|--|----|
| PA39. | IMPUTATION OF NATIVITY AND PLACE OF BIRTH(14) .....<br>Universe: Persons<br>Allocated<br>Not allocated:<br>Native (001-099):<br>Born in State of residence<br>Born in other State in the United States (001-059):<br>Northeast (009, 023, 025, 033-034, 036, 042-044, 050)<br>Midwest (017-020, 026-027, 029, 031, 038-039,<br>046, 055)<br>South (001, 005, 010-014, 021-022, 024, 028,<br>037, 040, 045, 047-048, 051-052, 054)<br>West (002-004, 006-008, 015-016, 030, 032, 035,<br>041, 049, 053, 056-059)<br>Born outside the United States (060-099):<br>Puerto Rico (072-075)<br>Virgin Islands of the United States (078)<br>American Samoa (060-065)<br>Guam (066)<br>Commonwealth of the Northern Marianas (069-070)<br>Other U.S. outlying area (067-068, 071,<br>076-077, 079-099)<br>Born abroad of American parent(s)<br>Foreign born (100-999) | 14 |
| PA40. | IMPUTATION OF CITIZENSHIP(3) .....<br>Universe: Foreign-born persons<br>Allocated<br>Not allocated:<br>Naturalized citizen<br>Not a citizen  | 3  |
| PA41. | IMPUTATION OF YEAR OF ENTRY(11) .....<br>Universe: Foreign-born persons<br>Allocated<br>Not allocated:<br>1987 to 1990<br>1985 or 1986<br>1982 to 1984<br>1980 or 1981<br>1975 to 1979<br>1970 to 1974<br>1965 to 1969<br>1960 to 1964<br>1950 to 1959<br>Before 1950  | 11 |
| PA42. | IMPUTATION OF SCHOOL ENROLLMENT AND TYPE OF SCHOOL(8) ....<br>Universe: Persons 3 years and over   | 8  |

Allocated  
 Not allocated:  
     Enrolled in preprimary school:  
         Public school  
         Private school  
     Enrolled in elementary or high school:  
         Public school  
         Private school  
     Enrolled in college:  
         Public school  
         Private school  
     Not enrolled in school

PA43. IMPUTATION OF COLLEGE ENROLLMENT(3) ..... 3

Universe: Persons 18 years and over  
 Allocated  
 Not allocated:  
     Enrolled in college  
     Not enrolled in college

PA44. IMPUTATION OF EDUCATIONAL ATTAINMENT(16) ..... 16

Universe: Persons 25 years and over  
 Allocated  
 Not allocated:  
     No school or less than 1st grade  
     1st to 4th grade  
     5th to 8th grade  
     9th grade  
     10th grade  
     11th grade  
     12th grade, no diploma  
     High school graduate (includes equivalency)  
     Some college, no degree  
     Associate degree in college (occupational program)  
     Associate degree in college (academic program)  
     Bachelor's degree  
     Master's degree  
     Professional school degree  
     Doctorate degree

PA45. IMPUTATION OF RESIDENCE IN 1985-STATE, COUNTY,  
 AND PLACE LEVEL(13) ..... 13

Universe: Persons 5 years and over  
 Allocated  
 Not allocated:  
     Same house in 1985  
     Different house in the United States in 1985:  
         Same city or town:  
             Same county  
             Different county (same State)  
         Elsewhere:

Same county  
 Different county:  
     Same State  
     Different State:  
         Northeast  
         Midwest  
         South  
         West  
 Abroad in 1985:  
     Puerto Rico  
     U.S. outlying area  
     Foreign country

|       |   |    |
|-------|---|----|
| PA46. | IMPUTATION OF LANGUAGE STATUS(3) .....<br>Universe: Persons 5 years and over<br>Allocated<br>Not allocated:<br>Speak only English<br>Speak other language   | 3  |
| PA47. | IMPUTATION OF LANGUAGE SPOKEN AT HOME(28) .....<br>Universe: Persons 5 years and over<br>Speak only English<br>Speak other language:<br>Allocated<br>Not allocated:<br>Spanish or Spanish Creole (625, 627-628)<br>French or French Creole (620-624)<br>Italian (619)<br>Portuguese or Portuguese Creole (629-630)<br>German (607, 613)<br>Yiddish (609)<br>Other West Germanic language (608, 610-612)<br>Scandinavian (614-618)<br>Polish (645)<br>Russian (639)<br>South Slavic (647-652)<br>Other Slavic language (640-644, 646)<br>Greek (637)<br>Indic (662-678)<br>Other Indo-European language (601-606, 626,<br>631-636, 638, 653-661)<br>Chinese (708-715)<br>Japanese (723)<br>Mon-Khmer (726)<br>Korean (724)<br>Tagalog (742)<br>Vietnamese (728)<br>Other Asian or Pacific Island language (684-695,<br>698-707, 716-722, 725, 727, 729-741, 743-776)<br>Arabic (777) | 28 |

Hungarian (682)  
 Native North American languages  
 (800-955, 959-966, 977-982)  
 Other and unspecified languages (679-681, 683,  
 696-697, 778-799, 956-958, 967-976, 983-999)

- PA48. IMPUTATION OF ABILITY TO SPEAK ENGLISH(6) ..... 6  
 Universe: Persons 5 years and over  
 Speak only English  
 Speak other language:  
     Allocated  
     Not allocated:  
         Speak English "very well"  
         Speak English "well"  
         Speak English "not well"  
         Speak English "not at all"
- PA49. IMPUTATION OF LINGUISTIC ISOLATION(3) ..... 3  
 Universe: Households  
 Allocated  
 Not allocated:  
     Linguistically isolated  
     Not linguistically isolated
- PA50. IMPUTATION OF VETERAN STATUS(4) ..... 4  
 Universe: Persons 16 years and over  
 Allocated  
 Not allocated:  
     In Armed Forces  
     Civilian:  
         Veteran  
         Nonveteran
- PA51. IMPUTATION OF PERIOD OF MILITARY SERVICE(14) ..... 14  
 Universe: Civilian veterans 16 years and over  
 Allocated  
 Not allocated:  
     May 1975 or later only:  
         September 1980 or later only:  
             With less than 2 years of service  
             With 2 or more years of service  
         May 1975 to August 1980 only  
         Both, May 1975 to August 1980 and September 1980  
         or later  
     Vietnam era, no Korean conflict nor World War II  
     Vietnam era and Korean conflict, no World War II  
     Vietnam era, Korean conflict, and World War II  
     February 1955 to July 1964 only  
     Korean conflict, no Vietnam era nor World War II  
     Korean conflict and World War II, no Vietnam era  
     World War II, no Korean conflict nor Vietnam era



World War I  
Other service

|       |   |   |
|-------|---|---|
| PA52. | AGE(2) BY IMPUTATION OF WORK DISABILITY STATUS(4) .....<br>Universe: Civilian noninstitutionalized persons<br>16 years and over<br>16 to 64 years:<br>Work disability status allocated<br>Work disability status not allocated:<br>With a work disability:<br>Prevented from working<br>Not prevented from working<br>No work disability<br>65 years and over:<br>(Repeat IMPUTATION OF WORK DISABILITY STATUS) | 8 |
| PA53. | AGE(2) BY IMPUTATION OF WORK PREVENTION STATUS(4) .....<br>Universe: Civilian noninstitutionalized persons<br>16 years and over<br>16 to 64 years:<br>With a work disability:<br>Work prevention status allocated<br>Work prevention status not allocated:<br>Prevented from working<br>Not prevented from working<br>No work disability<br>65 years and over:<br>(Repeat IMPUTATION OF WORK PREVENTION STATUS) | 8 |
| PA54. | IMPUTATION OF MOBILITY LIMITATION STATUS(3) .....<br>Universe: Civilian noninstitutionalized persons<br>16 years and over<br>Allocated<br>Not allocated:<br>With a mobility limitation<br>No mobility limitation  | 3 |
| PA55. | IMPUTATION OF SELF-CARE LIMITATION STATUS(3) .....<br>Universe: Civilian noninstitutionalized persons<br>16 years and over<br>Allocated<br>Not allocated:<br>With a self-care limitation<br>No self-care limitation   | 3 |
| PA56. | IMPUTATION OF CHILDREN EVER BORN(7) .....<br>Universe: Females 15 years and over<br>Allocated<br>Not allocated:<br>No children<br>1 child   | 7 |

- 2 children
- 3 children
- 4 children
- 5 or more children

|       |   |   |
|-------|---|---|
| PA57. | IMPUTATION OF EMPLOYMENT STATUS(5) .....<br>Universe: Persons 16 years and over<br>Allocated<br>Not allocated:<br>In labor force:<br>In Armed Forces<br>Civilian:<br>Employed<br>Unemployed<br>Not in labor force   | 5 |
| PA58. | IMPUTATION OF HOURS WORKED LAST WEEK(8) .....<br>Universe: Persons 16 years and over<br>In labor force:<br>In Armed Forces<br>Civilian:<br>Employed:<br>Allocated<br>Not allocated:<br>At work 35 or more hours<br>At work 15 to 34 hours<br>At work 1 to 14 hours<br>With a job, but not at work<br>Unemployed<br>Not in labor force | 8 |
| PA59. | IMPUTATION OF PLACE OF WORK-STATE AND COUNTY LEVEL(4) ....<br>Universe: Workers 16 years and over<br>Allocated<br>Not allocated:<br>Worked in State of residence:<br>Worked in county of residence<br>Worked outside county of residence<br>Worked outside State of residence   | 4 |
| PA60. | IMPUTATION OF PLACE OF WORK-PLACE LEVEL(4) .....<br>Universe: Workers 16 years and over<br>Allocated<br>Not allocated:<br>Living in a place:<br>Worked in place of residence<br>Worked outside place of residence<br>Not living in a place  | 4 |
| PA61. | IMPUTATION OF PLACE OF WORK-MINOR DIVISION LEVEL(4) .....<br>Universe: Workers 16 years and over  | 4 |

Living in the 9 Northeastern States:  
 Allocated  
 Not allocated:  
     Worked in minor civil division of residence  
     Worked outside minor civil division of residence  
 Not living in the 9 Northeastern States

PA62. IMPUTATION OF MEANS OF TRANSPORTATION TO WORK(14) ..... 14

Universe: Workers 16 years and over

Allocated

Not allocated:

    Car, truck, or van:

        Drove alone

        Carpooled

    Public transportation:

        Bus or trolley bus

        Streetcar or trolley car

        Subway or elevated

        Railroad

        Ferryboat

        Taxicab

    Motorcycle

    Bicycle

    Walked

    Other means

    Worked at home

PA63. IMPUTATION OF PRIVATE VEHICLE OCCUPANCY(10) ..... 10

Universe: Workers 16 years and over

Car, truck, or van:

    Allocated

    Not allocated:

        Drove alone

        Carpooled:

            In 2-person carpool

            In 3-person carpool

            In 4-person carpool

            In 5-person carpool

            In 6-person carpool

            In 7-to-9-person carpool

            In 10-or-more-person carpool

Other means

PA64. IMPUTATION OF TIME LEAVING HOME TO GO TO WORK(16) ..... 16

Universe: Workers 16 years and over

Did not work at home:

    Allocated

    Not allocated:

        12:00 a.m. to 4:59 a.m.

        5:00 a.m. to 5:29 a.m.

        5:30 a.m. to 5:59 a.m.

6:00 a.m. to 6:29 a.m.  
 6:30 a.m. to 6:59 a.m.  
 7:00 a.m. to 7:29 a.m.  
 7:30 a.m. to 7:59 a.m.  
 8:00 a.m. to 8:29 a.m.  
 8:30 a.m. to 8:59 a.m.  
 9:00 a.m. to 9:59 a.m.  
 10:00 a.m. to 10:59 a.m.  
 11:00 a.m. to 11:59 a.m.  
 12:00 p.m. to 3:59 p.m.  
 4:00 p.m. to 11:59 p.m.

Worked at home

PA65. IMPUTATION OF TRAVEL TIME TO WORK(14) ..... 14

Universe: Workers 16 years and over

Did not work at home:

Allocated

Not allocated:

Less than 5 minutes  
 5 to 9 minutes  
 10 to 14 minutes  
 15 to 19 minutes  
 20 to 24 minutes  
 25 to 29 minutes  
 30 to 34 minutes  
 35 to 39 minutes  
 40 to 44 minutes  
 45 to 59 minutes  
 60 to 89 minutes  
 90 or more minutes

Worked at home

PA66. IMPUTATION OF INDUSTRY(16) ..... 16

Universe: Employed persons 16 years and over

Allocated

Not allocated:

Agriculture (000-030)  
 Forestry and fisheries (031-039)  
 Mining (040-059)  
 Construction (060-099)  
 Manufacturing (100-399):  
     Nondurable goods (100-229)  
     Durable goods (230-399)  
 Transportation, communications,  
     and other public utilities (400-499)  
 Wholesale trade (500-579)  
 Retail trade (580-699)  
 Finance, insurance, and real estate (700-720)  
 Business and repair services (721-760)  
 Personal services (761-799)  
 Entertainment and recreation services (800-811)

Professional and related services (812-899)  
 Public administration (900-939)

|       |   |    |
|-------|---|----|
| PA67. | IMPUTATION OF OCCUPATION(14) .....<br>Universe: Employed persons 16 years and over<br>Allocated<br>Not allocated:<br>Managerial and professional specialty<br>occupations (000-202):<br>Executive, administrative, and managerial<br>occupations (000-042)<br>Professional specialty occupations (043-202)<br>Technical, sales, and administrative support<br>occupations (203-402):<br>Technicians and related support occupations<br>(203-242)<br>Sales occupations (243-302)<br>Administrative support occupations, including<br>clerical (303-402)<br>Service occupations (403-472):<br>Private household occupations (403-412)<br>Protective service occupations (413-432)<br>Service occupations, except protective<br>and household (433-472)<br>Farming, forestry, and fishing occupations (473-502)<br>Precision production, craft, and repair operations<br>(503-702)<br>Operators, fabricators, and laborers (703-902):<br>Machine operators, assemblers, and inspectors<br>(703-802)<br>Transportation and material moving occupations<br>(803-863)<br>Handlers, equipment cleaners, helpers, and laborers<br>(864-902) | 14 |
| PA68. | IMPUTATION OF CLASS OF WORKER(8) .....<br>Universe: Employed persons 16 years and over<br>Allocated<br>Not allocated:<br>Private for profit wage and salary workers<br>Private not-for-profit wage and salary workers<br>Local government workers<br>State government workers<br>Federal government workers<br>Self-employed workers<br>Unpaid family workers   | 8  |
| PA69. | IMPUTATION OF WORK STATUS IN 1989(3) .....<br>Universe: Persons 16 years and over<br>Allocated<br>Not allocated:  | 3  |

|       |  |    |
|-------|--|----|
|       | Worked in 1989   |    |
|       | Did not work in 1989                                       |    |
| PA70. | IMPUTATION OF WEEKS WORKED IN 1989(8) .....                | 8  |
|       | Universe: Persons 16 years and over                        |    |
|       | Worked in 1989:  |    |
|       | Allocated  |    |
|       | Not allocated:   |    |
|       | 50 to 52 weeks   |    |
|       | 48 to 49 weeks   |    |
|       | 40 to 47 weeks   |    |
|       | 27 to 39 weeks   |    |
|       | 14 to 26 weeks   |    |
|       | 1 to 13 weeks  |    |
|       | Did not work in 1989                                       |    |
| PA71. | IMPUTATION OF USUAL HOURS WORKED PER WEEK IN 1989(5) ..... | 5  |
|       | Universe: Persons 16 years and over                        |    |
|       | Worked in 1989:  |    |
|       | Allocated  |    |
|       | Not allocated:   |    |
|       | Usually worked 35 or more hours per week                   |    |
|       | Usually worked 15 to 34 hours per week                     |    |
|       | Usually worked 1 to 14 hours per week                      |    |
|       | Did not work in 1989                                       |    |
| PA72. | PERCENT OF INCOME IN 1989 IMPUTED(7) .....                 | 7  |
|       | Universe: Persons 15 years and over                        |    |
|       | Allocated:   |    |
|       | 0.0 percent  |    |
|       | 0.1 to 9.9 percent   |    |
|       | 10.0 to 24.9 percent                                       |    |
|       | 25.0 to 49.9 percent                                       |    |
|       | 50.0 to 99.9 percent                                       |    |
|       | 100.0 percent  |    |
|       | Not allocated  |    |
| PA73. | PERCENT OF HOUSEHOLD INCOME IN 1989 IMPUTED(7) .....       | 7  |
|       | Universe: Households                                       |    |
|       | Allocated:   |    |
|       | 0.0 percent  |    |
|       | 0.1 to 9.9 percent   |    |
|       | 10.0 to 24.9 percent                                       |    |
|       | 25.0 to 49.9 percent                                       |    |
|       | 50.0 to 99.9 percent                                       |    |
|       | 100.0 percent  |    |
|       | Not allocated  |    |
| PA74. | IMPUTATION OF HOUSEHOLD INCOME IN 1989(26) .....           | 26 |
|       | Universe: Households                                       |    |
|       | Allocated  |    |

Not allocated:  
 Less than \$5,000  
 \$5,000 to \$9,999  
 \$10,000 to \$12,499  
 \$12,500 to \$14,999  
 \$15,000 to \$17,499  
 \$17,500 to \$19,999  
 \$20,000 to \$22,499  
 \$22,500 to \$24,999  
 \$25,000 to \$27,499  
 \$27,500 to \$29,999  
 \$30,000 to \$32,499  
 \$32,500 to \$34,999  
 \$35,000 to \$37,499  
 \$37,500 to \$39,999  
 \$40,000 to \$42,499  
 \$42,500 to \$44,999  
 \$45,000 to \$47,499  
 \$47,500 to \$49,999  
 \$50,000 to \$54,999  
 \$55,000 to \$59,999  
 \$60,000 to \$74,999  
 \$75,000 to \$99,999  
 \$100,000 to \$124,999  
 \$125,000 to \$149,999  
 \$150,000 or more

PA75. IMPUTATION OF FAMILY INCOME IN 1989(26) ..... 26

Universe: Families

Allocated

Not allocated:  
 Less than \$5,000  
 \$5,000 to \$9,999  
 \$10,000 to \$12,499  
 \$12,500 to \$14,999  
 \$15,000 to \$17,499  
 \$17,500 to \$19,999  
 \$20,000 to \$22,499  
 \$22,500 to \$24,999  
 \$25,000 to \$27,499  
 \$27,500 to \$29,999  
 \$30,000 to \$32,499  
 \$32,500 to \$34,999  
 \$35,000 to \$37,499  
 \$37,500 to \$39,999  
 \$40,000 to \$42,499  
 \$42,500 to \$44,999  
 \$45,000 to \$47,499  
 \$47,500 to \$49,999  
 \$50,000 to \$54,999  
 \$55,000 to \$59,999

\$60,000 to \$74,999  
 \$75,000 to \$99,999  
 \$100,000 to \$124,999  
 \$125,000 to \$149,999  
 \$150,000 or more

PA76. IMPUTATION OF NONFAMILY HOUSEHOLD INCOME IN 1989(26) ..... 26

Universe: Nonfamily households

Allocated

Not allocated:

Less than \$5,000  
 \$5,000 to \$9,999  
 \$10,000 to \$12,499  
 \$12,500 to \$14,999  
 \$15,000 to \$17,499  
 \$17,500 to \$19,999  
 \$20,000 to \$22,499  
 \$22,500 to \$24,999  
 \$25,000 to \$27,499  
 \$27,500 to \$29,999  
 \$30,000 to \$32,499  
 \$32,500 to \$34,999  
 \$35,000 to \$37,499  
 \$37,500 to \$39,999  
 \$40,000 to \$42,499  
 \$42,500 to \$44,999  
 \$45,000 to \$47,499  
 \$47,500 to \$49,999  
 \$50,000 to \$54,999  
 \$55,000 to \$59,999  
 \$60,000 to \$74,999  
 \$75,000 to \$99,999  
 \$100,000 to \$124,999  
 \$125,000 to \$149,999  
 \$150,000 or more

PA77. SEX(2) BY IMPUTATION OF INCOME IN 1989(24) ..... 48

Universe: Persons 15 years and over

Male:

Allocated

Not allocated:

No income

With income:

\$1 to \$2,499 or loss  
 \$2,500 to \$4,999  
 \$5,000 to \$7,499  
 \$7,500 to \$9,999  
 \$10,000 to \$12,499  
 \$12,500 to \$14,999  
 \$15,000 to \$17,499  
 \$17,500 to \$19,999



\$20,000 to \$22,499  
 \$22,500 to \$24,999  
 \$25,000 to \$27,499  
 \$27,500 to \$29,999  
 \$30,000 to \$32,499  
 \$32,500 to \$34,999  
 \$35,000 to \$37,499  
 \$37,500 to \$39,999  
 \$40,000 to \$44,999  
 \$45,000 to \$49,999  
 \$50,000 to \$59,999  
 \$60,000 to \$74,999  
 \$75,000 to \$99,999  
 \$100,000 or more

Female:

(Repeat IMPUTATION OF INCOME IN 1989)

- PA78. IMPUTATION STATUS(2) BY EARNINGS IN 1989(2) ..... 4  
 Universe: Households  
 Allocated:  
     With earnings  
     No earnings  
 Not allocated:  
     (Repeat EARNINGS IN 1989)
  
- PA79. IMPUTATION STATUS(2) BY WAGE OR SALARY INCOME  
 IN 1989(2) ..... 4  
 Universe: Households  
 Allocated:  
     With wage or salary income  
     No wage or salary income  
 Not allocated:  
     (Repeat WAGE OR SALARY INCOME IN 1989)
  
- PA80. IMPUTATION STATUS(2) BY NONFARM SELF-EMPLOYMENT  
 INCOME IN 1989(2) ..... 4  
 Universe: Households  
 Allocated:  
     With nonfarm self-employment income  
     No nonfarm self-employment income  
 Not allocated:  
     (Repeat NONFARM SELF-EMPLOYMENT INCOME IN 1989)
  
- PA81. IMPUTATION STATUS(2) BY FARM SELF-EMPLOYMENT  
 INCOME IN 1989(2) ..... 4  
 Universe: Households  
 Allocated:  
     With farm self-employment income  
     No farm self-employment income  
 Not allocated:  
     (Repeat FARM SELF-EMPLOYMENT INCOME IN 1989)

|       |  |   |
|-------|--|---|
| PA82. | IMPUTATION STATUS(2) BY INTEREST, DIVIDEND,<br>OR NET RENTAL INCOME IN 1989(2) ..... | 4 |
|       | Universe: Households   |   |
|       | Allocated:   |   |
|       | With interest, dividend, or net rental income  |   |
|       | No interest, dividend, or net rental income  |   |
|       | Not allocated:   |   |
|       | (Repeat INTEREST, DIVIDEND, OR NET RENTAL INCOME IN 1989)                            |   |
| PA83. | IMPUTATION STATUS(2) BY SOCIAL SECURITY<br>INCOME IN 1989(2) .....                   | 4 |
|       | Universe: Households   |   |
|       | Allocated:   |   |
|       | With Social Security income  |   |
|       | No Social Security income  |   |
|       | Not allocated:   |   |
|       | (Repeat SOCIAL SECURITY INCOME IN 1989)  |   |
| PA84. | IMPUTATION STATUS(2) BY PUBLIC ASSISTANCE<br>INCOME IN 1989(2) .....                 | 4 |
|       | Universe: Households   |   |
|       | Allocated:   |   |
|       | With public assistance income  |   |
|       | No public assistance income  |   |
|       | Not allocated:   |   |
|       | (Repeat PUBLIC ASSISTANCE INCOME IN 1989)  |   |
| PA85. | IMPUTATION STATUS(2) BY RETIREMENT INCOME IN 1989(2) .....                           | 4 |
|       | Universe: Households   |   |
|       | Allocated:   |   |
|       | With retirement income   |   |
|       | No retirement income   |   |
|       | Not allocated:   |   |
|       | (Repeat RETIREMENT INCOME IN 1989)   |   |
| PA86. | IMPUTATION STATUS(2) BY OTHER TYPE OF INCOME IN<br>1989(2) .....                     | 4 |
|       | Universe: Households   |   |
|       | Allocated:   |   |
|       | With other income  |   |
|       | No other income  |   |
|       | Not allocated:   |   |
|       | (Repeat OTHER TYPE OF INCOME IN 1989)  |   |
| PA87. | AGGREGATE INCOME IN 1989(1) BY SEX AND IMPUTATION<br>STATUS(4) .....                 | 4 |
|       | Universe: Persons 15 years and over  |   |
|       | Total:   |   |
|       | Male:  |   |
|       | Income in 1989 allocated   |   |
|       | Income in 1989 not allocated   |   |

## Female:

Income in 1989 allocated  
Income in 1989 not allocated

|       |  |   |
|-------|--|---|
| PA88. | AGGREGATE HOUSEHOLD INCOME IN 1989(1)<br>BY IMPUTATION STATUS(2) .....               | 2 |
|       | Universe: Households   |   |
|       | Total:   |   |
|       | Allocated  |   |
|       | Not allocated  |   |
| PA89. | AGGREGATE FAMILY INCOME IN 1989(1) BY IMPUTATION<br>STATUS(2) .....                  | 2 |
|       | Universe: Families   |   |
|       | Total:   |   |
|       | Allocated  |   |
|       | Not allocated  |   |
| PA90. | AGGREGATE NONFAMILY HOUSEHOLD INCOME IN 1989(1)<br>BY IMPUTATION STATUS(2) .....     | 2 |
|       | Universe: Nonfamily households   |   |
|       | Total:   |   |
|       | Allocated  |   |
|       | Not allocated  |   |
| PA91. | AGGREGATE EARNINGS IN 1989 AND IMPUTATION STATUS(1) .....                            | 1 |
|       | Universe: Households   |   |
|       | Total:   |   |
|       | Not allocated  |   |
| PA92. | AGGREGATE WAGE OR SALARY INCOME IN 1989(1)<br>BY IMPUTATION STATUS(2) .....          | 2 |
|       | Universe: Households   |   |
|       | Total:   |   |
|       | Allocated  |   |
|       | Not allocated  |   |
| PA93. | AGGREGATE NONFARM SELF-EMPLOYMENT INCOME IN 1989(1)<br>BY IMPUTATION STATUS(2) ..... | 2 |
|       | Universe: Households   |   |
|       | Total:   |   |
|       | Allocated  |   |
|       | Not allocated  |   |
| PA94. | AGGREGATE FARM SELF-EMPLOYMENT INCOME IN 1989(1)<br>BY IMPUTATION STATUS(2) .....    | 2 |
|       | Universe: Households   |   |
|       | Total:   |   |
|       | Allocated  |   |
|       | Not allocated  |   |

|        |  |   |
|--------|--|---|
| PA95.  | AGGREGATE INTEREST, DIVIDEND, OR NET RENTAL INCOME<br>IN 1989(1) BY IMPUTATION STATUS(2) .....           | 2 |
|        | Universe: Households   |   |
|        | Total:   |   |
|        | Allocated  |   |
|        | Not allocated  |   |
| PA96.  | AGGREGATE SOCIAL SECURITY INCOME IN 1989(1)<br>BY IMPUTATION STATUS(2) .....                             | 2 |
|        | Universe: Households   |   |
|        | Total:   |   |
|        | Allocated  |   |
|        | Not allocated  |   |
| PA97.  | AGGREGATE PUBLIC ASSISTANCE INCOME IN 1989(1)<br>BY IMPUTATION STATUS(2) .....                           | 2 |
|        | Universe: Households   |   |
|        | Total:   |   |
|        | Allocated  |   |
|        | Not allocated  |   |
| PA98.  | AGGREGATE RETIREMENT INCOME IN 1989(1)<br>BY IMPUTATION STATUS(2) .....                                  | 2 |
|        | Universe: Households   |   |
|        | Total:   |   |
|        | Allocated  |   |
|        | Not allocated  |   |
| PA99.  | AGGREGATE OTHER INCOME IN 1989(1) BY IMPUTATION<br>STATUS(2) .....                                       | 2 |
|        | Universe: Households   |   |
|        | Total:   |   |
|        | Allocated  |   |
|        | Not allocated  |   |
| PA100. | IMPUTATION OF FAMILY OR UNRELATED INDIVIDUAL INCOME<br>IN 1989, POVERTY STATUS IN 1989, AND SEX(8) ..... | 8 |
|        | Universe: Persons for whom poverty status is determined  |   |
|        | In families:   |   |
|        | Family income in 1989 allocated  |   |
|        | Family income in 1989 not allocated:   |   |
|        | Income in 1989 above poverty level   |   |
|        | Income in 1989 below poverty level:  |   |
|        | Male   |   |
|        | Female   |   |
|        | Unrelated individuals:   |   |
|        | Income in 1989 allocated   |   |
|        | Income in 1989 not allocated:  |   |
|        | Income in 1989 above poverty level   |   |
|        | Income in 1989 below poverty level:  |   |
|        | Male   |   |

Female

- PA101. IMPUTATION OF FAMILY OR UNRELATED INDIVIDUAL  
 INCOME IN 1989, POVERTY STATUS IN 1989, AND AGE(20) ..... 8  
 Universe: Persons for whom poverty status is determined  
 In families:  
     Family income in 1989 allocated  
     Family income in 1989 not allocated:  
         Income in 1989 above poverty level  
         Income in 1989 below poverty level:  
         Under 5 years  
         5 to 11 years  
         12 to 17 years  
         18 to 24 years  
         25 to 44 years  
         45 to 64 years  
         65 to 74 years  
         75 years and over  
 Unrelated individuals:  
     Income in 1989 allocated  
     Income in 1989 not allocated:  
         Income in 1989 above poverty level  
         Income in 1989 below poverty level:  
         Under 5 years  
         5 to 11 years  
         12 to 17 years  
         18 to 24 years  
         25 to 44 years  
         45 to 64 years  
         65 to 74 years  
         75 years and over
  
- PA102. IMPUTATION OF FAMILY INCOME IN 1989,  
 POVERTY STATUS IN 1989, AND FAMILY TYPE(5) ..... 5  
 Universe: Families  
     Family income in 1989 allocated  
     Family income in 1989 not allocated:  
         Income in 1989 above poverty level  
         Income in 1989 below poverty level:  
         Married-couple family  
         Other family:  
             Male householder, no wife present  
             Female householder, no husband present
  
- PA103. IMPUTATION OF FAMILY INCOME IN 1989, POVERTY STATUS  
 IN 1989, AND PRESENCE AND AGE OF CHILDREN(6) ..... 6  
 Universe: Families  
     Family income in 1989 allocated  
     Family income in 1989 not allocated:  
         Income in 1989 above poverty level  
         Income in 1989 below poverty level:

With related children under 18 years:  
 Under 5 years only  
 5 to 17 years only  
 Under 5 years and 5 to 17 years  
 With no related children under 18 years

- PA104. IMPUTATION OF FAMILY INCOME IN 1989,  
 POVERTY STATUS IN 1989, AND AGE(7) ..... 7  
 Universe: Related children under 18 years  
 Family income in 1989 allocated  
 Family income in 1989 not allocated:  
 Income in 1989 above poverty level  
 Income in 1989 below poverty level:  
 Under 3 years  
 3 and 4 years  
 5 years  
 6 to 11 years  
 12 to 17 years
- PA105. IMPUTATION OF FAMILY INCOME IN 1989,  
 POVERTY STATUS IN 1989, AND TENURE(4) ..... 4  
 Universe: Families  
 Family income in 1989 allocated  
 Family income in 1989 not allocated:  
 Income in 1989 above poverty level  
 Income in 1989 below poverty level:  
 In owner-occupied housing units  
 In renter-occupied housing units
- PA106. IMPUTATION OF FAMILY INCOME IN 1989, POVERTY STATUS  
 IN 1989, AND WORK EXPERIENCE OF HOUSEHOLDER  
 IN 1989(5) ..... 5  
 Universe: Families  
 Family income in 1989 allocated  
 Family income in 1989 not allocated:  
 Income in 1989 above poverty level  
 Income in 1989 below poverty level:  
 Householder worked year round full time in 1989  
 Householder worked less than year round  
 full time in 1989  
 Householder did not work in 1989
- PA107. IMPUTATION OF FAMILY INCOME IN 1989, POVERTY STATUS  
 IN 1989, AND EDUCATIONAL ATTAINMENT OF HOUSEHOLDER(4) ... 4  
 Universe: Families  
 Family income in 1989 allocated  
 Family income in 1989 not allocated:  
 Income in 1989 above poverty level  
 Income in 1989 below poverty level:  
 Householder a high school graduate  
 Householder not a high school graduate

PA108. IMPUTATION OF FAMILY INCOME IN 1989, POVERTY STATUS  
 IN 1989, AND WORK DISABILITY STATUS OF HOUSEHOLDER(4) ... 4  
 Universe: Families  
 Family income in 1989 allocated  
 Family income in 1989 not allocated:  
     Income in 1989 above poverty level  
     Income in 1989 below poverty level:  
         Householder with a work disability  
         Householder with no work disability

PA109. IMPUTATION OF FAMILY INCOME IN 1989, POVERTY STATUS  
 IN 1989, AND NATIVITY AND YEAR OF ENTRY OF  
 HOUSEHOLDER(6) ..... 6  
 Universe: Families  
 Family income in 1989 allocated  
 Family income in 1989 not allocated:  
     Income in 1989 above poverty level  
     Income in 1989 below poverty level:  
         Householder native  
         Householder foreign born:  
             Immigrated 1985 to 1990  
             Immigrated 1980 to 1984  
             Immigrated before 1980

PA110. IMPUTATION OF FAMILY INCOME IN 1989, POVERTY STATUS  
 IN 1989, AND AGE OF HOUSEHOLDER(8) ..... 8  
 Universe: Families  
 Family income in 1989 allocated  
 Family income in 1989 not allocated:  
     Income in 1989 above poverty level  
     Income in 1989 below poverty level:  
         Householder 15 to 24 years  
         Householder 25 to 44 years  
         Householder 45 to 59 years  
         Householder 60 to 64 years  
         Householder 65 to 74 years  
         Householder 75 years and over

PA111. IMPUTATION OF FAMILY INCOME IN 1989, POVERTY STATUS  
 IN 1989, AND PUBLIC ASSISTANCE INCOME IN 1989(4) ..... 4  
 Universe: Families  
 Family income in 1989 allocated  
 Family income in 1989 not allocated:  
     Income in 1989 above poverty level  
     Income in 1989 below poverty level:  
         With public assistance income  
         No public assistance income

PA112. IMPUTATION OF FAMILY INCOME IN 1989, POVERTY STATUS  
 IN 1989, AND SOCIAL SECURITY INCOME IN 1989(4) ..... 4  
 Universe: Families

Family income in 1989 allocated  
 Family income in 1989 not allocated:  
     Income in 1989 above poverty level  
     Income in 1989 below poverty level:  
         With Social Security income  
         No Social Security income

- PA113. IMPUTATION OF INCOME IN 1989, POVERTY STATUS IN 1989,  
     AND SEX(4) ..... 4  
     Universe: Unrelated individuals for whom  
         poverty status is determined  
         Income in 1989 allocated  
         Income in 1989 not allocated:  
             Income in 1989 above poverty level  
             Income in 1989 below poverty level:  
                 Male  
                 Female
  
- PA114. IMPUTATION OF INCOME IN 1989, POVERTY STATUS IN 1989,  
     AND AGE(7) ..... 7  
     Universe: Unrelated individuals for whom  
         poverty status is determined  
         Income in 1989 allocated  
         Income in 1989 not allocated:  
             Income in 1989 above poverty level  
             Income in 1989 below poverty level:  
                 Under 25 years  
                 25 to 59 years  
                 60 to 64 years  
                 65 to 74 years  
                 75 years and over
  
- PA115. IMPUTATION OF INCOME IN 1989, POVERTY STATUS  
     IN 1989, AND HOUSEHOLD TYPE AND RELATIONSHIP(7) ..... 7  
     Universe: Unrelated individuals for whom  
         poverty status is determined  
         Income in 1989 allocated  
         Income in 1989 not allocated:  
             Income in 1989 above poverty level  
             Income in 1989 below poverty level:  
                 Nonfamily householder:  
                     Living alone  
                     Not living alone  
                 Other unrelated individuals:  
                     In family households  
                     In nonfamily households  
                     In group quarters
  
- PA116. IMPUTATION OF INCOME IN 1989, POVERTY STATUS  
     IN 1989, AND TENURE(5) ..... 5  
     Universe: Unrelated individuals for whom



poverty status is determined  
 Income in 1989 allocated  
 Income in 1989 not allocated:  
     Income in 1989 above poverty level  
     Income in 1989 below poverty level:  
         In households:  
             In owner-occupied housing units  
             In renter-occupied housing units  
         In group quarters

- PA117. IMPUTATION OF INCOME IN 1989, POVERTY STATUS  
     IN 1989, AND WORK EXPERIENCE IN 1989(5) ..... 5  
     Universe: Unrelated individuals for whom  
         poverty status is determined  
         Income in 1989 allocated  
         Income in 1989 not allocated:  
             Income in 1989 above poverty level  
             Income in 1989 below poverty level:  
                 Worked year round full time in 1989  
                 Worked less than year round full time in 1989  
                 Did not work in 1989
  
- PA118. IMPUTATION OF INCOME IN 1989, POVERTY STATUS  
     IN 1989, AND EDUCATIONAL ATTAINMENT(4) ..... 4  
     Universe: Unrelated individuals for whom  
         poverty status is determined  
         Income in 1989 allocated  
         Income in 1989 not allocated:  
             Income in 1989 above poverty level  
             Income in 1989 below poverty level:  
                 High school graduate  
                 Not high school graduate
  
- PA119. IMPUTATION OF INCOME IN 1989, POVERTY STATUS  
     IN 1989, AND WORK DISABILITY STATUS(4) ..... 4  
     Universe: Unrelated individuals for whom  
         poverty status is determined  
         Income in 1989 allocated  
         Income in 1989 not allocated:  
             Income in 1989 above poverty level  
             Income in 1989 below poverty level:  
                 With a work disability  
                 No work disability
  
- PA120. IMPUTATION OF INCOME IN 1989, POVERTY STATUS  
     IN 1989, NATIVITY, AND YEAR OF ENTRY(6) ..... 6  
     Universe: Unrelated individuals for whom  
         poverty status is determined  
         Income in 1989 allocated  
         Income in 1989 not allocated:  
             Income in 1989 above poverty level

|        |  |   |
|--------|--|---|
|        | Income in 1989 below poverty level:  |   |
|        | Native   |   |
|        | Foreign born:  |   |
|        | Immigrated 1985 to 1990  |   |
|        | Immigrated 1980 to 1984  |   |
|        | Immigrated before 1980   |   |
| PA121. | IMPUTATION OF INCOME IN 1989, POVERTY STATUS<br>IN 1989, AND PUBLIC ASSISTANCE INCOME IN 1989(4) ..... | 4 |
|        | Universe: Unrelated individuals for whom<br>poverty status is determined                               |   |
|        | Income in 1989 allocated   |   |
|        | Income in 1989 not allocated:  |   |
|        | Income in 1989 above poverty level   |   |
|        | Income in 1989 below poverty level:  |   |
|        | With public assistance income  |   |
|        | No public assistance income  |   |
| PA122. | IMPUTATION OF INCOME IN 1989, POVERTY STATUS<br>IN 1989, AND SOCIAL SECURITY INCOME IN 1989(4) .....   | 4 |
|        | Universe: Unrelated individuals for whom<br>poverty status is determined                               |   |
|        | Income in 1989 allocated   |   |
|        | Income in 1989 not allocated:  |   |
|        | Income in 1989 above poverty level   |   |
|        | Income in 1989 below poverty level:  |   |
|        | With Social Security income  |   |
|        | No Social Security income  |   |
| HA1.   | HOUSING UNITS(1) .....   | 1 |
|        | Universe: Housing units  |   |
|        | Total  |   |
| HA2.   | UNWEIGHTED SAMPLE COUNT OF HOUSING UNITS(1) .....  | 1 |
|        | Universe: Housing units  |   |
|        | Total  |   |
| HA3.   | 100-PERCENT COUNT OF HOUSING UNITS(1) .....  | 1 |
|        | Universe: Housing units  |   |
|        | Total  |   |
| HA3A.  | PERCENT OF HOUSING UNITS IN SAMPLE(1) .....  | 1 |
|        | Universe: Housing units  |   |
|        | Total  |   |
| HA4.   | FILLER(7) .....  | 7 |
|        | Filler   |   |
|        | Filler   |   |
|        | Filler   |   |
|        | Filler   |   |
|        | Filler   |   |

Filler  
Filler

|      |   |    |
|------|---|----|
| HA5. | RACE OF HOUSEHOLDER(37) .....                                     | 37 |
|      | Universe: Occupied housing units                                  |    |
|      | White (800-869, 971)  |    |
|      | Black (870-934, 972)  |    |
|      | American Indian, Eskimo, or Aleut (000-599,<br>935-970, 973-975): |    |
|      | American Indian (000-599, 973)                                    |    |
|      | Eskimo (935-940, 974)   |    |
|      | Aleut (941-970, 975)  |    |
|      | Asian or Pacific Islander (600-699, 976-985):                     |    |
|      | Asian (600-652, 976, 977, 979-982, 985):                          |    |
|      | Chinese (605-607, 976):   |    |
|      | Chinese, except Taiwanese (605, 976)                              |    |
|      | Taiwanese (606, 607)  |    |
|      | Filipino (608, 977)   |    |
|      | Japanese (611, 981)   |    |
|      | Asian Indian (600, 982)   |    |
|      | Korean (612, 979)   |    |
|      | Vietnamese (619, 980)   |    |
|      | Cambodian (604)   |    |
|      | Hmong (609)   |    |
|      | Laotian (613)   |    |
|      | Thai (618)  |    |
|      | Other Asian (601-603, 610, 614-617, 620-652, 985):                |    |
|      | Bangladeshi (601)   |    |
|      | Burmese (603)   |    |
|      | Indonesian (610)  |    |
|      | Malayan (614)   |    |
|      | Okinawan (615)  |    |
|      | Pakistani (616)   |    |
|      | Sri Lankan (617)  |    |
|      | All other Asian (602, 620-652, 985)                               |    |
|      | Pacific Islander (653-699, 978, 983, 984):                        |    |
|      | Polynesian (653-659, 978, 983):                                   |    |
|      | Hawaiian (653, 654, 978)  |    |
|      | Samoan (655, 983)   |    |
|      | Tahitian (656)  |    |
|      | Tongan (657)  |    |
|      | Other Polynesian (658, 659)                                       |    |
|      | Micronesian (660-675, 984):                                       |    |
|      | Guamanian (660, 984)  |    |
|      | Northern Mariana Islander (661, 671, 673)                         |    |
|      | Palauan (663)   |    |
|      | Other Micronesian (662, 664-670, 672, 674, 675)                   |    |
|      | Melanesian (676-680):   |    |
|      | Fijian (676)  |    |
|      | Other Melanesian (677-680)  |    |
|      | Pacific Islander, not specified (681-699)                         |    |

Other race (700-799, 986-999)

|      |   |    |
|------|---|----|
| HA6. | HISPANIC ORIGIN OF HOUSEHOLDER(26) .....<br>Universe: Occupied housing units<br>Not of Hispanic origin (000-001, 006-199)<br>Hispanic origin (002-005, 200-999):<br>Mexican (002,210-220)<br>Puerto Rican (003, 261-270)<br>Cuban (004, 271-274)<br>Other Hispanic (005, 200-209, 221-260, 275-999):<br>Dominican (Dominican Republic) (275-289)<br>Central American (221-230):<br>Costa Rican (221)<br>Guatemalan (222)<br>Honduran (223)<br>Nicaraguan (224)<br>Panamanian (225)<br>Salvadoran (226)<br>Other Central American (227-230)<br>South American (231-249):<br>Argentinean (231)<br>Bolivian (232)<br>Chilean (233)<br>Colombian (234)<br>Ecuadorian (235)<br>Paraguayan (236)<br>Peruvian (237)<br>Uruguayan(238)<br>Venezuelan (239)<br>Other South American (240-249)<br>Spaniard (200-209)<br>Spanish (291)<br>Spanish American (295)<br>All other Hispanic origin (005, 250-260,<br>290, 292-294, 296-999) | 26 |
| HA7. | HISPANIC ORIGIN OF HOUSEHOLDER(2) BY RACE OF<br>HOUSEHOLDER(5) .....<br>Universe: Occupied housing units<br>Not of Hispanic origin:<br>White<br>Black<br>American Indian, Eskimo, or Aleut<br>Asian or Pacific Islander<br>Other race<br>Hispanic origin:<br>(Repeat RACE OF HOUSEHOLDER)   | 10 |
| HA8. | UNITS IN STRUCTURE(10) .....<br>Universe: Housing units<br>1, detached  | 10 |

|       |   |    |
|-------|---|----|
|       | 1, attached   |    |
|       | 2   |    |
|       | 3 or 4  |    |
|       | 10 to 9   |    |
|       | 10 to 19  |    |
|       | 20 to 49  |    |
|       | 50 or more  |    |
|       | Mobile home or trailer  |    |
|       | Other   |    |
| HA9.  | YEAR STRUCTURE BUILT(8) .....                                 | 8  |
|       | Universe: Housing units                                       |    |
|       | 1989 to March 1990  |    |
|       | 1985 to 1988  |    |
|       | 1980 to 1984  |    |
|       | 1970 to 1979  |    |
|       | 1960 to 1969  |    |
|       | 1950 to 1959  |    |
|       | 1940 to 1949  |    |
|       | 1939 or earlier   |    |
| HA10. | ROOMS(9) .....  | 9  |
|       | Universe: Housing units                                       |    |
|       | 1 room  |    |
|       | 2 rooms   |    |
|       | 3 rooms   |    |
|       | 4 rooms   |    |
|       | 5 rooms   |    |
|       | 6 rooms   |    |
|       | 7 rooms   |    |
|       | 8 rooms   |    |
|       | 9 or more rooms   |    |
| HA11. | TENURE(2) BY ROOMS(9) .....                                   | 18 |
|       | Universe: Occupied housing units                              |    |
|       | Owner occupied:   |    |
|       | 1 room  |    |
|       | 2 rooms   |    |
|       | 3 rooms   |    |
|       | 4 rooms   |    |
|       | 5 rooms   |    |
|       | 6 rooms   |    |
|       | 7 rooms   |    |
|       | 8 rooms   |    |
|       | 9 or more rooms   |    |
|       | Renter occupied:  |    |
|       | (Repeat ROOMS)  |    |
| HA12. | AGGREGATE ROOMS(1) BY OCCUPANCY STATUS<br>AND TENURE(3) ..... | 3  |
|       | Universe: Housing units                                       |    |

|   |  |    |
|---|--|----|
| Total:  |  |    |
| Owner occupied                                      |  |    |
| Renter occupied                                     |  |    |
| Vacant  |  |    |
| HA13. TENURE(2) BY PERSONS IN UNIT(7) .....         |  | 14 |
| Universe: Occupied housing units                    |  |    |
| Owner occupied:                                     |  |    |
| 1 person  |  |    |
| 2 persons   |  |    |
| 3 persons   |  |    |
| 4 persons   |  |    |
| 5 persons   |  |    |
| 6 persons   |  |    |
| 7 or more persons                                   |  |    |
| Renter occupied:                                    |  |    |
| (Repeat PERSONS IN UNIT)                            |  |    |
| HA13A. MEDIAN PERSONS IN UNIT(1) BY TENURE(2) ..... |  | 2  |
| Universe: Occupied housing units                    |  |    |
| Median persons in unit:                             |  |    |
| Owner occupied                                      |  |    |
| Renter occupied                                     |  |    |
| HA14. KITCHEN FACILITIES(2) .....                   |  | 2  |
| Universe: Housing units                             |  |    |
| Complete kitchen facilities                         |  |    |
| Lacking complete kitchen facilities                 |  |    |
| HA15. PLUMBING FACILITIES(2) .....                  |  | 2  |
| Universe: Housing units                             |  |    |
| Complete plumbing facilities                        |  |    |
| Lacking complete plumbing facilities                |  |    |
| HA16. SOURCE OF WATER(4) .....                      |  | 4  |
| Universe: Housing units                             |  |    |
| Public system or private company                    |  |    |
| Individual well:                                    |  |    |
| Drilled   |  |    |
| Dug   |  |    |
| Some other source                                   |  |    |
| HA17. SEWAGE DISPOSAL(3) .....                      |  | 3  |
| Universe: Housing units                             |  |    |
| Public sewer  |  |    |
| Septic tank or cesspool                             |  |    |
| Other means   |  |    |
| HA18. BEDROOMS(6) .....                             |  | 6  |
| Universe: Housing units                             |  |    |
| No bedroom  |  |    |

- 1 bedroom
- 2 bedrooms
- 3 bedrooms
- 4 bedrooms
- 5 or more bedrooms

|        |  |    |
|--------|--|----|
| HA19.  | TENURE(2) BY CONDOMINIUM STATUS(2) .....           | 4  |
|        | Universe: Occupied housing units                   |    |
|        | Owner occupied:                                    |    |
|        | Condominium  |    |
|        | Not condominium                                    |    |
|        | Renter occupied:                                   |    |
|        | (Repeat CONDOMINIUM STATUS)                        |    |
| HA20.  | VACANCY STATUS(5) BY CONDOMINIUM STATUS(2) .....   | 10 |
|        | Universe: Vacant housing units                     |    |
|        | For rent:  |    |
|        | Condominium  |    |
|        | Not condominium                                    |    |
|        | For sale only:                                     |    |
|        | (Repeat CONDOMINIUM STATUS)                        |    |
|        | Rented or sold, not occupied:                      |    |
|        | (Repeat CONDOMINIUM STATUS)                        |    |
|        | For seasonal, recreational, or occasional use:     |    |
|        | (Repeat CONDOMINIUM STATUS)                        |    |
|        | All other vacants:                                 |    |
|        | (Repeat CONDOMINIUM STATUS)                        |    |
| HA21.  | VALUE(18) .....                                    | 18 |
|        | Universe: Owner-occupied condominium housing units |    |
|        | Less than \$50,000                                 |    |
|        | \$50,000 to \$54,999                               |    |
|        | \$55,000 to \$59,999                               |    |
|        | \$60,000 to \$64,999                               |    |
|        | \$65,000 to \$69,999                               |    |
|        | \$70,000 to \$74,999                               |    |
|        | \$75,000 to \$79,999                               |    |
|        | \$80,000 to \$89,999                               |    |
|        | \$90,000 to \$99,999                               |    |
|        | \$100,000 to \$124,999                             |    |
|        | \$125,000 to \$149,999                             |    |
|        | \$150,000 to \$174,999                             |    |
|        | \$175,000 to \$199,999                             |    |
|        | \$200,000 to \$249,999                             |    |
|        | \$250,000 to \$299,999                             |    |
|        | \$300,000 to \$399,999                             |    |
|        | \$400,000 to \$499,999                             |    |
|        | \$500,000 or more                                  |    |
| HA21A. | MEDIAN VALUE(1) .....                              | 1  |
|        | Universe: Owner-occupied condominium housing units |    |

## Median value

|        |  |    |
|--------|--|----|
| HA22.  | AGGREGATE VALUE(1) .....                                   | 1  |
|        | Universe: Owner-occupied condominium housing units         |    |
|        | Total  |    |
| HA23.  | MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS(26) ..... | 26 |
|        | Universe: Owner-occupied condominium housing units         |    |
|        | With a mortgage:   |    |
|        | Less than \$200  |    |
|        | \$200 to \$299   |    |
|        | \$300 to \$349   |    |
|        | \$350 to \$399   |    |
|        | \$400 to \$449   |    |
|        | \$450 to \$499   |    |
|        | \$500 to \$549   |    |
|        | \$550 to \$599   |    |
|        | \$600 to \$649   |    |
|        | \$650 to \$699   |    |
|        | \$700 to \$749   |    |
|        | \$750 to \$799   |    |
|        | \$800 to \$849   |    |
|        | \$850 to \$899   |    |
|        | \$900 to \$999   |    |
|        | \$1,000 or more  |    |
|        | Not mortgaged:   |    |
|        | Less than \$100  |    |
|        | \$100 to \$149   |    |
|        | \$150 to \$199   |    |
|        | \$200 to \$249   |    |
|        | \$250 to \$299   |    |
|        | \$300 to \$349   |    |
|        | \$350 to \$399   |    |
|        | \$400 to \$449   |    |
|        | \$450 to \$499   |    |
|        | \$500 or more  |    |
| HA23A. | MEDIAN SELECTED MONTHLY OWNER COSTS                        |    |
|        | AND MORTGAGE STATUS(2) .....                               | 2  |
|        | Universe: Owner-occupied condominium housing units         |    |
|        | With a mortgage  |    |
|        | Not mortgaged  |    |
| HA24.  | MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS(19) ..... | 19 |
|        | Universe: Owner-occupied mobile homes or trailers          |    |
|        | With a mortgage:   |    |
|        | Less than \$100  |    |
|        | \$100 to \$149   |    |
|        | \$150 to \$199   |    |
|        | \$200 to \$249   |    |
|        | \$250 to \$299   |    |



- \$300 to \$349
- \$350 to \$399
- \$400 to \$449
- \$450 to \$499
- \$500 to \$749
- \$750 or more
- Not mortgaged:
  - Less than \$100
  - \$100 to \$149
  - \$150 to \$199
  - \$200 to \$249
  - \$250 to \$299
  - \$300 to \$349
  - \$350 to \$399
  - \$400 or more

|        |  |    |
|--------|--|----|
| HA24A. | MEDIAN SELECTED MONTHLY OWNER COSTS AND MORTGAGE<br>STATUS(2) .....  | 2  |
|        | Universe: Owner-occupied mobile homes or trailers<br>With a mortgage<br>Not mortgaged  |    |
| HA25.  | AGGREGATE VALUE(1) .....   | 1  |
|        | Universe: Owner-occupied mobile homes or trailers<br>Total   |    |
| HA26.  | VALUE(26) .....  | 26 |
|        | Universe: Specified owner-occupied noncondominium<br>housing units<br>Less than \$10,000<br>\$10,000 to \$14,999<br>\$15,000 to \$19,999<br>\$20,000 to \$24,999<br>\$25,000 to \$29,999<br>\$30,000 to \$34,999<br>\$35,000 to \$39,999<br>\$40,000 to \$44,999<br>\$45,000 to \$49,999<br>\$50,000 to \$54,999<br>\$55,000 to \$59,999<br>\$60,000 to \$64,999<br>\$65,000 to \$69,999<br>\$70,000 to \$74,999<br>\$75,000 to \$79,999<br>\$80,000 to \$89,999<br>\$90,000 to \$99,999<br>\$100,000 to \$124,999<br>\$125,000 to \$149,999<br>\$150,000 to \$174,999<br>\$175,000 to \$199,999<br>\$200,000 to \$249,999 |    |

\$250,000 to \$299,999  
 \$300,000 to \$399,999  
 \$400,000 to \$499,999  
 \$500,000 or more

|        |  |    |
|--------|--|----|
| HA26A. | MEDIAN VALUE(1) .....  | 1  |
|        | Universe: Specified owner-occupied noncondominium housing units            |    |
|        | Median value   |    |
| HA27.  | AGGREGATE VALUE(1) .....   | 1  |
|        | Universe: Specified owner-occupied noncondominium housing units            |    |
|        | Total  |    |
| HA28.  | SECOND MORTGAGE OR HOME EQUITY LOAN STATUS(2) .....                        | 2  |
|        | Universe: Specified owner-occupied housing units                           |    |
|        | With second mortgage or home equity loan                                   |    |
|        | No second mortgage or home equity loan                                     |    |
| HA29.  | VACANCY STATUS(6) BY YEAR STRUCTURE BUILT(8) BY BOARDED-UP STATUS(2) ..... | 96 |
|        | Universe: Vacant housing units   |    |
|        | For rent:  |    |
|        | 1989 to March 1990:  |    |
|        | Boarded up   |    |
|        | Not boarded up   |    |
|        | 1985 to 1988:  |    |
|        | (Repeat BOARDED-UP STATUS)   |    |
|        | 1980 to 1984:  |    |
|        | (Repeat BOARDED-UP STATUS)   |    |
|        | 1970 to 1979:  |    |
|        | (Repeat BOARDED-UP STATUS)   |    |
|        | 1960 to 1969:  |    |
|        | (Repeat BOARDED-UP STATUS)   |    |
|        | 1950 to 1959:  |    |
|        | (Repeat BOARDED-UP STATUS)   |    |
|        | 1940 to 1949:  |    |
|        | (Repeat BOARDED-UP STATUS)   |    |
|        | 1939 or earlier:   |    |
|        | (Repeat BOARDED-UP STATUS)   |    |
|        | For sale only:   |    |
|        | (Repeat YEAR STRUCTURE BUILT By BOARDED-UP STATUS)                         |    |
|        | Rented or sold, not occupied:  |    |
|        | (Repeat YEAR STRUCTURE BUILT By BOARDED-UP STATUS)                         |    |
|        | For seasonal, recreational, or occasional use:                             |    |
|        | (Repeat YEAR STRUCTURE BUILT By BOARDED-UP STATUS)                         |    |
|        | For migrant workers:   |    |
|        | (Repeat YEAR STRUCTURE BUILT By BOARDED-UP STATUS)                         |    |
|        | Other vacant:  |    |
|        | (Repeat YEAR STRUCTURE BUILT By BOARDED-UP STATUS)                         |    |

HA30. VACANCY STATUS(3) BY DURATION OF VACANCY(6) ..... 18  
 Universe: Vacant housing units  
 For rent:  
     Less than 1 month  
     1 up to 2 months  
     2 up to 6 months  
     6 up to 12 months  
     1 up to 2 years  
     2 or more years  
 For sale only:  
     (Repeat DURATION OF VACANCY)  
 All other vacants:  
     (Repeat DURATION OF VACANCY)

HA31. TENURE(2) BY YEAR STRUCTURE BUILT(8) BY UNITS  
 IN STRUCTURE(10) ..... 160  
 Universe: Occupied housing units  
 Owner occupied:  
     1989 to March 1990:  
         1, detached  
         1, attached  
         2  
         3 or 4  
         5 to 9  
         10 to 19  
         20 to 49  
         50 or more  
         Mobile home or trailer  
         Other  
     1985 to 1988:  
         (Repeat UNITS IN STRUCTURE)  
     1980 to 1984:  
         (Repeat UNITS IN STRUCTURE)  
     1970 to 1979:  
         (Repeat UNITS IN STRUCTURE)  
     1960 to 1969:  
         (Repeat UNITS IN STRUCTURE)  
     1950 to 1959:  
         (Repeat UNITS IN STRUCTURE)  
     1940 to 1949:  
         (Repeat UNITS IN STRUCTURE)  
     1939 or earlier:  
         (Repeat UNITS IN STRUCTURE)  
 Renter occupied:  
     (Repeat YEAR STRUCTURE BUILT By UNITS IN STRUCTURE)

HA32. TENURE(2)BY YEAR HOUSEHOLDER MOVED INTO UNIT(6)  
 BY UNITS IN STRUCTURE(10) ..... 120  
 Universe: Occupied housing units  
 Owner occupied:  
     1989 to March 1990:

1, detached  
 1, attached  
 2  
 3 or 4  
 5 to 9  
 10 to 19  
 20 to 49  
 50 or more  
 Mobile home or trailer  
 Other  
 1985 to 1988:  
 (Repeat UNITS IN STRUCTURE)  
 1980 to 1984:  
 (Repeat UNITS IN STRUCTURE)  
 1970 to 1979:  
 (Repeat UNITS IN STRUCTURE)  
 1960 to 1969:  
 (Repeat UNITS IN STRUCTURE)  
 1959 or earlier:  
 (Repeat UNITS IN STRUCTURE)  
 Renter occupied:  
 (Repeat YEAR HOUSEHOLDER MOVED INTO UNIT  
 By UNITS IN STRUCTURE)

HA33. AGGREGATE VEHICLES AVAILABLE(1) BY UNITS  
 IN STRUCTURE(10) ..... 10

Universe: Occupied housing units

Total:

1, detached  
 1, attached  
 2  
 3 or 4  
 5 to 9  
 10 to 19  
 20 to 49  
 50 or more  
 Mobile home or trailer  
 Other

HA34. AGGREGATE PERSONS(1) BY TENURE(2) BY YEAR  
 HOUSEHOLDER MOVED INTO UNIT(6) ..... 12

Universe: Persons in occupied housing units

Total:

Owner occupied:  
 1989 to March 1990  
 1985 to 1988  
 1980 to 1984  
 1970 to 1979  
 1960 to 1969  
 1959 or earlier  
 Renter occupied:

(Repeat YEAR HOUSEHOLDER MOVED INTO UNIT)

HA35. TENURE(2) BY YEAR HOUSEHOLDER MOVED INTO UNIT(6)  
BY AGE OF HOUSEHOLDER(7) ..... 84

Universe: Occupied housing units

Owner occupied:

1989 to March 1990:

- Householder 15 to 24 years
- Householder 25 to 34 years
- Householder 35 to 44 years
- Householder 45 to 54 years
- Householder 55 to 64 years
- Householder 65 to 74 years
- Householder 75 years and over

1985 to 1988:

(Repeat AGE OF HOUSEHOLDER)

1980 to 1984:

(Repeat AGE OF HOUSEHOLDER)

1970 to 1979:

(Repeat AGE OF HOUSEHOLDER)

1960 to 1969:

(Repeat AGE OF HOUSEHOLDER)

1959 or earlier:

(Repeat AGE OF HOUSEHOLDER)

Renter occupied:

(Repeat YEAR HOUSEHOLDER MOVED INTO UNIT  
BY AGE OF HOUSEHOLDER)

HA36. YEAR STRUCTURE BUILT(8) BY VALUE(20) ..... 160  
Universe: Specified owner-occupied housing units

1989 to March 1990:

- Less than \$15,000
- \$15,000 to \$19,999
- \$20,000 to \$24,999
- \$25,000 to \$29,999
- \$30,000 to \$34,999
- \$35,000 to \$39,999
- \$40,000 to \$44,999
- \$45,000 to \$49,999
- \$50,000 to \$59,999
- \$60,000 to \$74,999
- \$75,000 to \$99,999
- \$100,000 to \$124,999
- \$125,000 to \$149,999
- \$150,000 to \$174,999
- \$175,000 to \$199,999
- \$200,000 to \$249,999
- \$250,000 to \$299,999
- \$300,000 to \$399,999
- \$400,000 to \$499,999
- \$500,000 or more

1985 to 1988:  
 (Repeat VALUE)  
 1980 to 1984:  
 (Repeat VALUE)  
 1970 to 1979:  
 (Repeat VALUE)  
 1960 to 1969:  
 (Repeat VALUE)  
 1950 to 1959:  
 (Repeat VALUE)  
 1940 to 1949:  
 (Repeat VALUE)  
 1939 or earlier:  
 (Repeat VALUE)

HA37. YEAR STRUCTURE BUILT(8) BY GROSS RENT(17) ..... 136

Universe: Specified renter-occupied housing units

1989 to March 1990:

With cash rent:

Less than \$100

\$100 to \$149

\$150 to \$199

\$200 to \$249

\$250 to \$299

\$300 to \$349

\$350 to \$399

\$400 to \$449

\$450 to \$499

\$500 to \$549

\$550 to \$599

\$600 to \$649

\$650 to \$699

\$700 to \$749

\$750 to \$999

\$1,000 or more

No cash rent

1985 to 1988:  
 (Repeat GROSS RENT)  
 1980 to 1984:  
 (Repeat GROSS RENT)  
 1970 to 1979:  
 (Repeat GROSS RENT)  
 1960 to 1969:  
 (Repeat GROSS RENT)  
 1950 to 1959:  
 (Repeat GROSS RENT)  
 1940 to 1949:  
 (Repeat GROSS RENT)  
 1939 or earlier:  
 (Repeat GROSS RENT)

HA38. UNITS IN STRUCTURE(10) BY GROSS RENT(17) ..... 170

Universe: Specified renter-occupied housing units

1, detached:

With cash rent:

- Less than \$100
- \$100 to \$149
- \$150 to \$199
- \$200 to \$249
- \$250 to \$299
- \$300 to \$349
- \$350 to \$399
- \$400 to \$449
- \$450 to \$499
- \$500 to \$549
- \$550 to \$599
- \$600 to \$649
- \$650 to \$699
- \$700 to \$749
- \$750 to \$999
- \$1,000 or more

No cash rent

1, attached:

(Repeat GROSS RENT)

2:

(Repeat GROSS RENT)

3 or 4:

(Repeat GROSS RENT)

5 to 9:

(Repeat GROSS RENT)

10 to 19:

(Repeat GROSS RENT)

20 to 49:

(Repeat GROSS RENT)

50 or more:

(Repeat GROSS RENT)

Mobile home or trailer:

(Repeat GROSS RENT)

Other:

(Repeat GROSS RENT)

HA39. BEDROOMS(6) BY GROSS RENT(17) ..... 102

Universe: Specified renter-occupied housing units

No bedroom:

With cash rent:

- Less than \$100
- \$100 to \$149
- \$150 to \$199
- \$200 to \$249
- \$250 to \$299
- \$300 to \$349
- \$350 to \$399

- \$400 to \$449
- \$450 to \$499
- \$500 to \$549
- \$550 to \$599
- \$600 to \$649
- \$650 to \$699
- \$700 to \$749
- \$750 to \$999
- \$1,000 or more
- No cash rent
- 1 bed room:  
(Repeat GROSS RENT)
- 2 bedrooms:  
(Repeat GROSS RENT)
- 3 bedrooms:  
(Repeat GROSS RENT)
- 4 bedrooms:  
(Repeat GROSS RENT)
- 5 or more bedrooms:  
(Repeat GROSS RENT)

HA40. BEDROOMS(6) BY CONTRACT RENT(17) ..... 102

Universe: Specified renter-occupied housing units

No bedroom:

With cash rent:

- Less than \$100
- \$100 to \$149
- \$150 to \$199
- \$200 to \$249
- \$250 to \$299
- \$300 to \$349
- \$350 to \$399
- \$400 to \$449
- \$450 to \$499
- \$550 to \$549
- \$550 to \$599
- \$600 to \$649
- \$650 to \$699
- \$700 to \$749
- \$750 to \$999
- \$1,000 or more

No cash rent

- 1 bedroom:  
(Repeat CONTRACT RENT)
- 2 bedrooms:  
(Repeat CONTRACT RENT)
- 3 bedrooms:  
(Repeat CONTRACT RENT)
- 4 bedrooms:  
(Repeat CONTRACT RENT)
- 5 or more bedrooms:



(Repeat CONTRACT RENT)

HA41. BEDROOMS(6) BY RENT ASKED(17) ..... 102

Universe: Specified vacant-for-rent housing units

No bedroom:

With cash rent:

Less than \$100

\$100 to \$149

\$150 to \$199

\$200 to \$249

\$250 to \$299

\$300 to \$349

\$350 to \$399

\$400 to \$449

\$450 to \$499

\$500 to \$549

\$550 to \$599

\$600 to \$649

\$650 to \$699

\$700 to \$749

\$750 to \$999

\$1,000 or more

No cash rent

1 bedroom:

(Repeat RENT ASKED)

2 bedrooms:

(Repeat RENT ASKED)

3 bedrooms:

(Repeat RENT ASKED)

4 bedrooms:

(Repeat RENT ASKED)

5 or more bedrooms:

(Repeat RENT ASKED)

HA42. BEDROOMS(6) BY VALUE(20) ..... 120

Universe: Specified owner-occupied housing units

No bedroom:

Less than \$15,000

\$15,000 to \$19,999

\$20,000 to \$24,999

\$25,000 to \$29,999

\$30,000 to \$34,999

\$35,000 to \$39,999

\$40,000 to \$44,999

\$45,000 to \$49,999

\$50,000 to \$59,999

\$60,000 to \$74,999

\$75,000 to \$99,999

\$100,000 to \$124,999

\$125,000 to \$149,999

\$150,000 to \$174,999

- \$175,000 to \$199,999
- \$200,000 to \$249,999
- \$250,000 to \$299,999
- \$300,000 to \$399,999
- \$400,000 to \$499,999
- \$500,000 or more

- 1 bedroom:  
(Repeat VALUE)
- 2 bedrooms:  
(Repeat VALUE)
- 3 bedrooms:  
(Repeat VALUE)
- 4 bedrooms:  
(Repeat VALUE)
- 5 or more bedrooms:  
(Repeat VALUE)

HA43. BEDROOMS(6) BY PRICE ASKED(20) ..... 120

Universe: Specified vacant-for-sale-only housing units

No bedroom:

- Less than \$15,000
- \$15,000 to \$19,999
- \$20,000 to \$24,999
- \$25,000 to \$29,999
- \$30,000 to \$34,999
- \$35,000 to \$39,999
- \$40,000 to \$44,999
- \$45,000 to \$49,999
- \$50,000 to \$59,999
- \$60,000 to \$74,999
- \$75,000 to \$99,999
- \$100,000 to \$124,999
- \$125,000 to \$149,999
- \$150,000 to \$174,999
- \$175,000 to \$199,999
- \$200,000 to \$249,999
- \$250,000 to \$299,999
- \$300,000 to \$399,999
- \$400,000 to \$499,999
- \$500,000 or more

- 1 bedroom:  
(Repeat PRICE ASKED)
- 2 bedrooms:  
(Repeat PRICE ASKED)
- 3 bedrooms:  
(Repeat PRICE ASKED)
- 4 bedrooms:  
(Repeat PRICE ASKED)
- 5 or more bedrooms:  
(Repeat PRICE ASKED)

HA44. TENURE(2) BY YEAR HOUSEHOLDER MOVED INTO UNIT(3)  
 BY AGE OF HOUSEHOLDER(3) BY RATIO OF INCOME  
 IN 1989 TO POVERTY LEVEL(3) ..... 54  
 Universe: Occupied housing units  
 Owner occupied:  
     1989 to March 1990:  
         Householder 15 to 44 years:  
             Under 1.00  
             1.00 to 1.49  
             1.50 and over  
         Householder 45 to 61 years:  
             (Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL)  
         Householder 62 years and over:  
             (Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL)  
     1985 to 1988:  
         (Repeat AGE OF HOUSEHOLDER By RATIO OF INCOME  
             IN 1989 TO POVERTY LEVEL)  
     1984 or earlier:  
         (Repeat AGE OF HOUSEHOLDER By RATIO OF INCOME  
             IN 1989 TO POVERTY LEVEL)  
 Renter occupied:  
     (Repeat YEAR HOUSEHOLDER MOVED INTO UNIT  
         By AGE OF HOUSEHOLDER  
         By RATIO OF INCOME IN 1989 TO POVERTY LEVEL)

HA45. TENURE(2) BY RATIO OF INCOME IN 1989 TO POVERTY LEVEL(2)  
 BY MOBILITY AND SELF-CARE LIMITATION STATUS AND AGE OF  
 PERSONS IN UNIT(3) ..... 12  
 Universe: Occupied housing units  
 Owner occupied:  
     Under 2.00:  
         1 or more persons in unit with a mobility or  
         self-care limitation:  
             All persons in unit with a mobility or  
             self-care limitation under 62 years  
             1 or more persons in unit with a mobility or  
             self-care limitation 62 years and over  
         No persons in unit with a mobility or self-care  
         limitation  
     2.00 and over:  
         (Repeat MOBILITY AND SELF-CARE LIMITATION STATUS  
             AND AGE OF PERSONS IN UNIT)  
 Renter occupied:  
     (Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL  
         By MOBILITY AND SELF-CARE LIMITATION STATUS  
         AND AGE OF PERSONS IN UNIT)

HA46. UNITS IN STRUCTURE(6) BY BEDROOMS(6) ..... 36  
 Universe: Occupied housing units  
 1, detached:  
     No bedroom

- 1 bedroom
- 2 bedrooms
- 3 bedrooms
- 4 bedrooms
- 5 or more bedrooms
- 1, attached:  
(Repeat BEDROOMS)
- 2:  
(Repeat BEDROOMS)
- 3 or 4:  
(Repeat BEDROOMS)
- 5 or more:  
(Repeat BEDROOMS)
- Mobile home, trailer, or other:  
(Repeat BEDROOMS)

HA47. AGE(5) BY UNITS IN STRUCTURE(6) BY BEDROOMS(6) ..... 180

Universe: Persons in occupied housing units

Under 5 years:

- 1, detached:
  - No bedroom
  - 1 bedroom
  - 2 bedrooms
  - 3 bedrooms
  - 4 bedrooms
  - 5 or more bedrooms
- 1, attached:  
(Repeat BEDROOMS)
- 2:  
(Repeat BEDROOMS)
- 3 or 4:  
(Repeat BEDROOMS)
- 5 or more:  
(Repeat BEDROOMS)
- Mobile home, trailer, or other:  
(Repeat BEDROOMS)
- 5 to 10 years:  
(Repeat UNITS IN STRUCTURE By BEDROOMS)
- 11 to 13 years:  
(Repeat UNITS IN STRUCTURE By BEDROOMS)
- 14 to 17 years:  
(Repeat UNITS IN STRUCTURE By BEDROOMS)
- 18 years and over:  
(Repeat UNITS IN STRUCTURE By BEDROOMS)

HA48. IMPUTATION OF HOUSING ITEMS(2) BY OCCUPANCY STATUS AND TENURE(3) ..... 6

Universe: Housing units

- No items allocated:
  - Owner occupied
  - Renter occupied

Vacant  
 One or more items allocated:  
 (Repeat OCCUPANCY STATUS AND TENURE)

|       |  |    |
|-------|--|----|
| HA49. | IMPUTATION OF UNITS IN STRUCTURE(11) .....<br>Universe: Housing units<br>Allocated<br>Not allocated:<br>1, detached<br>1, attached<br>2<br>3 or 4<br>5 to 9<br>10 to 19<br>20 to 49<br>50 or more<br>Mobile home or trailer<br>Other   | 11 |
| HA50. | IMPUTATION OF ROOMS(10) .....<br>Universe: Housing units<br>Allocated<br>Not allocated:<br>1 room<br>2 rooms<br>3 rooms<br>4 rooms<br>5 rooms<br>6 rooms<br>7 rooms<br>8 rooms<br>9 or more rooms  | 10 |
| HA51. | IMPUTATION OF TENURE(3) .....<br>Universe: Occupied housing units<br>Allocated<br>Not allocated:<br>Owner occupied<br>Renter occupied  | 3  |
| HA52. | IMPUTATION OF VALUE(27) .....<br>Universe: Specified owner-occupied housing units<br>Allocated<br>Not allocated:<br>Less than \$10,000<br>\$10,000 to \$14,999<br>\$15,000 to \$19,999<br>\$20,000 to \$24,999<br>\$25,000 to \$29,999<br>\$30,000 to \$34,999<br>\$35,000 to \$39,999 | 27 |

- \$40,000 to \$44,999
- \$45,000 to \$49,999
- \$50,000 to \$54,999
- \$55,000 to \$59,999
- \$60,000 to \$64,999
- \$65,000 to \$69,999
- \$70,000 to \$74,999
- \$75,000 to \$79,999
- \$80,000 to \$89,999
- \$90,000 to \$99,999
- \$100,000 to \$124,999
- \$125,000 to \$149,999
- \$150,000 to \$174,999
- \$175,000 to \$199,999
- \$200,000 to \$249,999
- \$250,000 to \$299,999
- \$300,000 to \$399,999
- \$400,000 to \$499,999
- \$500,000 or more

|       |  |    |
|-------|--|----|
| HA53. | IMPUTATION OF VALUE(19) .....                      | 19 |
|       | Universe: Owner-occupied condominium housing units |    |
|       | Allocated  |    |
|       | Not allocated:                                     |    |
|       | Less than \$50,000                                 |    |
|       | \$50,000 to \$54,999                               |    |
|       | \$55,000 to \$59,999                               |    |
|       | \$60,000 to \$64,999                               |    |
|       | \$65,000 to \$69,999                               |    |
|       | \$70,000 to \$74,999                               |    |
|       | \$75,000 to \$79,999                               |    |
|       | \$80,000 to \$89,999                               |    |
|       | \$90,000 to \$99,999                               |    |
|       | \$100,000 to \$124,999                             |    |
|       | \$125,000 to \$149,999                             |    |
|       | \$150,000 to \$174,999                             |    |
|       | \$175,000 to \$199,999                             |    |
|       | \$200,000 to \$249,999                             |    |
|       | \$250,000 to \$299,999                             |    |
|       | \$300,000 to \$399,999                             |    |
|       | \$400,000 to \$499,999                             |    |
|       | \$500,000 or more                                  |    |
| HA54. | IMPUTATION OF MEALS INCLUDED IN RENT(3) .....      | 3  |
|       | Universe: Specified renter-occupied housing units  |    |
|       | With cash rent:                                    |    |
|       | Allocated  |    |
|       | Not allocated                                      |    |
|       | No cash rent                                       |    |
| HA55. | IMPUTATION OF VACANCY STATUS(7) .....              | 7  |

|       |   |   |
|-------|---|---|
|       | Universe: Vacant housing units                          |   |
|       | Allocated   |   |
|       | Not allocated:  |   |
|       | For rent  |   |
|       | For sale only   |   |
|       | Rented or sold, not occupied                            |   |
|       | For seasonal, recreational, or occasional use           |   |
|       | For migrant workers                                     |   |
|       | Other vacant  |   |
| HA56. | IMPUTATION OF BOARDED-UP STATUS(3) .....                | 3 |
|       | Universe: Vacant housing units                          |   |
|       | Allocated   |   |
|       | Not allocated:  |   |
|       | Boarded up  |   |
|       | Not boarded up  |   |
| HA57. | IMPUTATION OF DURATION OF VACANCY(7) .....              | 9 |
|       | Universe: Vacant housing units                          |   |
|       | Allocated   |   |
|       | Not allocated:  |   |
|       | Less than 1 month                                       |   |
|       | 1 up to 2 months  |   |
|       | 2 up to 6 months  |   |
|       | 6 up to 12 months                                       |   |
|       | 1 up to 2 years   |   |
|       | 2 or more years   |   |
| HA58. | IMPUTATION OF YEAR HOUSEHOLDER MOVED INTO UNIT(7) ..... | 7 |
|       | Universe: Occupied housing units                        |   |
|       | Allocated   |   |
|       | Not allocated:  |   |
|       | 1989 to March 1990                                      |   |
|       | 1985 to 1988  |   |
|       | 1980 to 1984  |   |
|       | 1970 to 1979  |   |
|       | 1960 to 1969  |   |
|       | 1959 or earlier   |   |
| HA59. | IMPUTATION OF BEDROOMS(7) .....                         | 7 |
|       | Universe: Housing units                                 |   |
|       | Allocated   |   |
|       | Not allocated:  |   |
|       | No bedroom  |   |
|       | 1 bedroom   |   |
|       | 2 bedrooms  |   |
|       | 3 bedrooms  |   |
|       | 4 bedrooms  |   |
|       | 5 or more bedrooms                                      |   |
| HA60. | IMPUTATION OF PLUMBING FACILITIES(3) .....              | 8 |

|       |  |    |
|-------|--|----|
|       | Universe: Housing units                          |    |
|       | Allocated  |    |
|       | Not allocated:                                   |    |
|       | Complete plumbing facilities                     |    |
|       | Lacking complete plumbing facilities             |    |
| HA61. | IMPUTATION OF KITCHEN FACILITIES(3) .....        | 3  |
|       | Universe: Housing units                          |    |
|       | Allocated  |    |
|       | Not allocated:                                   |    |
|       | Complete kitchen facilities                      |    |
|       | Lacking complete kitchen facilities              |    |
| HA62. | IMPUTATION OF TELEPHONE IN HOUSING UNIT(3) ..... | 3  |
|       | Universe: Occupied housing units                 |    |
|       | Allocated  |    |
|       | Not allocated:                                   |    |
|       | With telephone                                   |    |
|       | No telephone                                     |    |
| HA63. | IMPUTATION OF VEHICLES AVAILABLE(9) .....        | 9  |
|       | Universe: Occupied housing units                 |    |
|       | Allocated  |    |
|       | Not allocated:                                   |    |
|       | None   |    |
|       | 1  |    |
|       | 2  |    |
|       | 3  |    |
|       | 4  |    |
|       | 5  |    |
|       | 6  |    |
|       | 7 or more  |    |
| HA64. | IMPUTATION OF HOUSE HEATING FUEL(10) .....       | 10 |
|       | Universe: Occupied housing units                 |    |
|       | Allocated  |    |
|       | Not allocated:                                   |    |
|       | Utility gas                                      |    |
|       | Bottled, tank, or LP gas                         |    |
|       | Electricity                                      |    |
|       | Fuel oil, kerosene, etc.                         |    |
|       | Coal or coke                                     |    |
|       | Wood   |    |
|       | Solar energy                                     |    |
|       | Other fuel                                       |    |
|       | No fuel used                                     |    |
| HA65. | IMPUTATION OF SOURCE OF WATER(5) .....           | 5  |
|       | Universe: Housing units                          |    |
|       | Allocated  |    |
|       | Not allocated:                                   |    |



Public system or private company  
 Individual well:  
     Drilled  
     Dug  
 Some other source

|       |  |   |
|-------|--|---|
| HA66. | IMPUTATION OF SEWAGE DISPOSAL(4) .....<br>Universe: Housing units<br>Allocated<br>Not allocated:<br>Public sewer<br>Septic tank or cesspool<br>Other means   | 4 |
| HA67. | IMPUTATION OF YEAR STRUCTURE BUILT(9) .....<br>Universe: Housing units<br>Allocated<br>Not allocated:<br>1989 to March 1990<br>1985 to 1988<br>1980 to 1984<br>1970 to 1979<br>1960 to 1969<br>1950 to 1959<br>1940 to 1949<br>1939 or earlier | 9 |
| HA68. | IMPUTATION OF CONDOMINIUM STATUS(3) .....<br>Universe: Occupied housing units<br>Allocated<br>Not allocated:<br>Condominium<br>Not condominium   | 3 |
| HA69. | FILLER(3) .....<br>Filler<br>Filler<br>Filler  | 3 |
| HA70. | FILLER(4) .....<br>Filler<br>Filler<br>Filler<br>Filler  | 4 |
| HA71. | IMPUTATION OF MORTGAGE STATUS(3) .....<br>Universe: Specified owner-occupied housing units<br>Allocated<br>Not allocated:<br>With a mortgage<br>Not mortgaged  | 3 |

|       |   |    |
|-------|---|----|
| HA72. | IMPUTATION OF SECOND MORTGAGE OR HOME EQUITY LOAN<br>STATUS(3) .....  | 3  |
|       | Universe: Specified owner-occupied housing units<br>Allocated<br>Not allocated:<br>With second mortgage or home equity loan<br>No second mortgage or home equity loan   |    |
| HA73. | IMPUTATION OF MORTGAGE STATUS AND SELECTED<br>MONTHLY OWNER COSTS(32) .....   | 32 |
|       | Universe: Specified owner-occupied housing units<br>Allocated<br>Not allocated:<br>With a mortgage:<br>Less than \$200<br>\$200 to \$249<br>\$250 to \$299<br>\$300 to \$349<br>\$350 to \$399<br>\$400 to \$449<br>\$450 to \$499<br>\$500 to \$549<br>\$550 to \$599<br>\$600 to \$649<br>\$650 to \$699<br>\$700 to \$749<br>\$750 to \$799<br>\$800 to \$849<br>\$850 to \$899<br>\$900 to \$949<br>\$950 to \$999<br>\$1,000 to \$1,249<br>\$1,250 to \$1,499<br>\$1,500 to \$1,999<br>\$2,000 or more<br>Not mortgaged:<br>Less than \$100<br>\$100 to \$149<br>\$150 to \$199<br>\$200 to \$249<br>\$250 to \$299<br>\$300 to \$349<br>\$350 to \$399<br>\$400 to \$449<br>\$450 to \$499<br>\$500 or more |    |
| HA74. | IMPUTATION OF MORTGAGE STATUS AND SELECTED<br>MONTHLY OWNER COSTS(27) .....   | 27 |
|       | Universe: Owner-occupied condominium housing units<br>Allocated   |    |

Not allocated:  
 With a mortgage:  
 Less than \$200  
 \$200 to \$299  
 \$300 to \$349  
 \$350 to \$399  
 \$400 to \$449  
 \$450 to \$499  
 \$500 to \$549  
 \$550 to \$599  
 \$600 to \$649  
 \$650 to \$699  
 \$700 to \$749  
 \$750 to \$799  
 \$800 to \$849  
 \$850 to \$899  
 \$900 to \$999  
 \$1,000 or more

Not mortgaged:  
 Less than \$100  
 \$100 to \$149  
 \$150 to \$199  
 \$200 to \$249  
 \$250 to \$299  
 \$300 to \$349  
 \$350 to \$399  
 \$400 to \$449  
 \$450 to \$499  
 \$500 or more

HA75. IMPUTATION OF MORTGAGE STATUS AND SELECTED  
 MONTHLY OWNER COSTS(20) ..... 20

Universe: Owner-occupied mobile homes or trailers  
 Allocated

Not allocated:  
 With a mortgage:  
 Less than \$100  
 \$100 to \$149  
 \$150 to \$199  
 \$200 to \$249  
 \$250 to \$299  
 \$300 to \$349  
 \$350 to \$399  
 \$400 to \$449  
 \$450 to \$499  
 \$500 to \$749  
 \$750 or more

Not mortgaged:  
 Less than \$100  
 \$100 to \$149  
 \$150 to \$199

\$200 to \$249  
 \$250 to \$299  
 \$300 to \$349  
 \$350 to \$399  
 \$400 or more

|       |   |    |
|-------|---|----|
| HA76. | IMPUTATION OF GROSS RENT(28) .....                | 28 |
|       | Universe: Specified renter-occupied housing units |    |
|       | Allocated   |    |
|       | Not allocated:                                    |    |
|       | With cash rent:                                   |    |
|       | Less than \$80                                    |    |
|       | \$80 to \$99                                      |    |
|       | \$100 to \$124                                    |    |
|       | \$125 to \$149                                    |    |
|       | \$150 to \$174                                    |    |
|       | \$175 to \$199                                    |    |
|       | \$200 to \$224                                    |    |
|       | \$225 to \$249                                    |    |
|       | \$250 to \$274                                    |    |
|       | \$275 to \$299                                    |    |
|       | \$300 to \$324                                    |    |
|       | \$325 to \$349                                    |    |
|       | \$350 to \$374                                    |    |
|       | \$375 to \$399                                    |    |
|       | \$400 to \$424                                    |    |
|       | \$425 to \$449                                    |    |
|       | \$450 to \$474                                    |    |
|       | \$475 to \$499                                    |    |
|       | \$500 to \$549                                    |    |
|       | \$550 to \$599                                    |    |
|       | \$600 to \$649                                    |    |
|       | \$650 to \$699                                    |    |
|       | \$700 to \$749                                    |    |
|       | \$750 to \$999                                    |    |
|       | \$1,000 to \$1,999                                |    |
|       | \$2,000 or more                                   |    |
|       | No cash rent                                      |    |
| PB1.  | PERSONS(1) .....                                  | 1  |
|       | Universe: Persons                                 |    |
|       | Total   |    |
| PB2.  | FAMILIES(1) .....                                 | 1  |
|       | Universe: Families                                |    |
|       | Total   |    |
| PB3.  | HOUSEHOLDS(1) .....                               | 1  |
|       | Universe: Households                              |    |
|       | Total   |    |

|       |                               |    |
|-------|-------------------------------|----|
| PB4.  | SEX(2) .....                  | 2  |
|       | Universe: Persons             |    |
|       | Male                          |    |
|       | Female                        |    |
| PB5.  | SEX(2) BY AGE(31) .....       | 62 |
|       | Universe: Persons             |    |
|       | Male:                         |    |
|       | Under 1 year                  |    |
|       | 1 and 2 years                 |    |
|       | 3 and 4 years                 |    |
|       | 5 years                       |    |
|       | 6 years                       |    |
|       | 7 to 9 years                  |    |
|       | 10 and 11 years               |    |
|       | 12 and 13 years               |    |
|       | 14 years                      |    |
|       | 15 years                      |    |
|       | 16 years                      |    |
|       | 17 years                      |    |
|       | 18 years                      |    |
|       | 19 years                      |    |
|       | 20 years                      |    |
|       | 21 years                      |    |
|       | 22 to 24 years                |    |
|       | 25 to 29 years                |    |
|       | 30 to 34 years                |    |
|       | 35 to 39 years                |    |
|       | 40 to 44 years                |    |
|       | 45 to 49 years                |    |
|       | 50 to 54 years                |    |
|       | 55 to 59 years                |    |
|       | 60 and 61 years               |    |
|       | 62 to 64 years                |    |
|       | 65 to 69 years                |    |
|       | 70 to 74 years                |    |
|       | 75 to 79 years                |    |
|       | 80 to 84 years                |    |
|       | 85 years and over             |    |
|       | Female:                       |    |
|       | (Repeat AGE)                  |    |
| PB5A. | MEDIAN AGE(1) .....           | 1  |
|       | Universe: Persons             |    |
|       | Median age                    |    |
| PB5B. | MEDIAN AGE(1) BY SEX(2) ..... | 2  |
|       | Universe: Persons             |    |
|       | Median age:                   |    |
|       | Male                          |    |
|       | Female                        |    |

|      |  |    |
|------|--|----|
| PB6. | HOUSEHOLD TYPE AND RELATIONSHIP(17) .....              | 17 |
|      | Universe: Persons                                      |    |
|      | In family households:                                  |    |
|      | Householder:   |    |
|      | Male   |    |
|      | Female   |    |
|      | Spouse   |    |
|      | Child:   |    |
|      | Natural-born or adopted                                |    |
|      | Step   |    |
|      | Grandchild   |    |
|      | Son-in-law or daughter-in-law                          |    |
|      | Father/mother or                                       |    |
|      | father-in-law/mother-in-law                            |    |
|      | Other relatives  |    |
|      | Nonrelatives   |    |
|      | In nonfamily households:                               |    |
|      | Male householder                                       |    |
|      | Living alone   |    |
|      | Not living alone                                       |    |
|      | Female householder:                                    |    |
|      | Living alone   |    |
|      | Not living alone                                       |    |
|      | Nonrelatives   |    |
|      | In group quarters:                                     |    |
|      | Institutionalized persons                              |    |
|      | Other persons in group quarters                        |    |
| PB7. | PERSONS IN HOUSEHOLDS(7) .....                         | 7  |
|      | Universe: Households                                   |    |
|      | 1 person   |    |
|      | 2 persons  |    |
|      | 3 persons  |    |
|      | 4 persons  |    |
|      | 5 persons  |    |
|      | 6 persons  |    |
|      | 7 or more persons                                      |    |
| PB8. | PERSONS IN FAMILY(6) .....                             | 6  |
|      | Universe: Families                                     |    |
|      | 2 persons  |    |
|      | 3 persons  |    |
|      | 4 persons  |    |
|      | 5 persons  |    |
|      | 6 persons  |    |
|      | 7 or more persons                                      |    |
| PB9. | FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN(12) ..... | 12 |
|      | Universe: Families                                     |    |
|      | Married-couple family:                                 |    |
|      | With own children under 18 years:                      |    |

- Under 6 years only
- 6 to 17 years only
- Under 6 years and 6 to 17 years
- No own children under 18 years
- Other family:
  - Male householder, no wife present:
    - With own children under 18 years:
      - Under 6 years only
      - 6 to 17 years only
      - Under 6 years and 6 to 17 years
    - No own children under 18 years
  - Female householder, no husband present:
    - With own children under 18 years:
      - Under 6 years only
      - 6 to 17 years only
      - Under 6 years and 6 to 17 years
    - No own children under 1e years

- PB10. SUBFAMILY TYPE AND PRESENCE OF CHILDREN(4) ..... 4
  - Universe: Subfamilies
  - Married-couple subfamily:
    - With own children under 18 years
    - No own children under 18 years
  - Mother-child subfamily
  - Father-child subfamily
  
- PB11. RELATIONSHIP, FAMILY TYPE, AND SUBFAMILY TYPE(22) ..... 22
  - Universe: Persons under 18 years
  - Householder or spouse
  - Own child of family householder:
    - In married-couple family
    - In other family:
      - Male householder, no wife present
      - Female householder, no husband present
  - Own child of subfamily reference person:
    - In married-couple subfamily:
      - In married-couple family
    - In other family:
      - Male householder, no wife present
      - Female householder, no husband present
  - In parent-child subfamily:
    - Mother-child subfamily:
      - In married-couple family
      - In other family:
        - Male householder, no wife present
        - Female householder, no husband present
    - Father-child subfamily:
      - In married-couple family
      - In other family:
        - Male householder, no wife present
        - Female householder, no husband present

Other relatives:  
 In married-couple family  
 In other family:  
   Male householder, no wife present  
   Female householder, no husband present  
 Nonrelatives:  
 In households:  
   In family households:  
     Married-couple family households  
     Other family households:  
       Male householder, no wife present  
       Female householder, no husband present  
   In nonfamily households  
 In group quarters:  
   Institutionalized persons  
   Other persons in group quarters

|       |  |   |
|-------|--|---|
| PB12. | HOUSEHOLD TYPE AND SEX OF HOUSEHOLD MEMBERS(4) ..... | 4 |
|       | Universe: Households                                 |   |
|       | Unmarried-partner households:                        |   |
|       | Male and female partners                             |   |
|       | Both partners male                                   |   |
|       | Both partners female                                 |   |
|       | Other households                                     |   |
| PB13. | TENURE(2) BY HOUSEHOLD TYPE(2) .....                 | 4 |
|       | Universe: Households                                 |   |
|       | Owner occupied:                                      |   |
|       | Households with subfamilies                          |   |
|       | Households with no subfamilies                       |   |
|       | Renter occupied:                                     |   |
|       | (Repeat HOUSEHOLD TYPE)                              |   |
| PB14. | HOUSEHOLD TYPE(2) .....                              | 2 |
|       | Universe: Households                                 |   |
|       | Households with related members 15 years             |   |
|       | and over other than spouse, children, parents,       |   |
|       | or parents-in-law of householder                     |   |
|       | Households with no related members 15 years          |   |
|       | and over other than spouse, children, parents,       |   |
|       | or parents-in-law of householder                     |   |
| PB15. | HOUSEHOLD TYPE(2) .....                              | 2 |
|       | Universe: Households                                 |   |
|       | Households with 1 or more nonrelatives               |   |
|       | Households with no nonrelatives                      |   |
| PB16. | HOUSEHOLD TYPE(2) .....                              | 2 |
|       | Universe: Households                                 |   |
|       | Households with roomer, boarder, or foster child     |   |
|       | 15 years and over                                    |   |



Households with no roomer, boarder, or foster child  
15 years and over

|       |   |    |
|-------|---|----|
| PB17. | AGE(3) BY HOUSEHOLD TYPE AND RELATIONSHIP(11) ..... | 33 |
|       | Universe: Persons 60 years and over                 |    |
|       | 60 to 64 years:                                     |    |
|       | In households:                                      |    |
|       | In family households:                               |    |
|       | Householder:  |    |
|       | Child of householder not present                    |    |
|       | Child of householder present                        |    |
|       | Spouse  |    |
|       | Other relatives                                     |    |
|       | Nonrelatives  |    |
|       | In nonfamily households:                            |    |
|       | Householder living alone                            |    |
|       | Householder not living alone                        |    |
|       | Nonrelatives  |    |
|       | In group quarters:                                  |    |
|       | Institutionalized persons:                          |    |
|       | In nursing homes                                    |    |
|       | Other institutionalized persons                     |    |
|       | Other persons in group quarters                     |    |
|       | 65 to 74 years:                                     |    |
|       | (Repeat HOUSEHOLD TYPE AND RELATIONSHIP)            |    |
|       | 75 years and over:                                  |    |
|       | (Repeat HOUSEHOLD TYPE AND RELATIONSHIP)            |    |
| PB18. | HOUSEHOLD TYPE AND RELATIONSHIP(31) .....           | 31 |
|       | Universe: Persons in households                     |    |
|       | In family households:                               |    |
|       | Householder   |    |
|       | Spouse  |    |
|       | Related child under 18 years:                       |    |
|       | Own child:  |    |
|       | In married-couple family                            |    |
|       | In other family:                                    |    |
|       | Male householder, no wife present                   |    |
|       | Female householder, no husband present              |    |
|       | Grandchild:   |    |
|       | In married-couple family                            |    |
|       | In other family:                                    |    |
|       | Male householder, no wife present                   |    |
|       | Female householder, no husband present              |    |
|       | Other related child:                                |    |
|       | In married-couple family                            |    |
|       | In other family:                                    |    |
|       | Male householder, no wife present                   |    |
|       | Female householder, no husband present              |    |
|       | Child of householder 18 years and over:             |    |
|       | In married-couple family                            |    |

- In other family:
  - Male householder, no wife present
  - Female householder, no husband present
- Son-in-law or daughter-in law:
  - In married-couple family
  - In other family:
    - Male householder, no wife present
    - Female householder, no husband present
- Father/mother or father-in law/mother-in-law:
  - In married-couple family
  - In other family:
    - Male householder, no wife present
    - Female householder, no husband present
- Other relatives:
  - In married-couple family
  - In other family:
    - Male householder, no wife present
    - Female householder, no husband present
- Nonrelatives:
  - In married-couple family
  - In other family:
    - Male householder, no wife present
    - Female householder, no husband present
- In nonfamily households:
  - Householder
  - Nonrelatives:
    - Roomer, boarder, or foster child
    - Housemate or roommate
    - Unmarried partner
    - Other nonrelatives

|       |   |    |
|-------|---|----|
| PB19. | YEAR OF ENTRY(10) .....                           | 10 |
|       | Universe: Foreign-born persons                    |    |
|       | 1987 to 1990                                      |    |
|       | 1985 or 1986                                      |    |
|       | 1982 to 1984                                      |    |
|       | 1980 or 1981                                      |    |
|       | 1975 to 1979                                      |    |
|       | 1970 to 1974                                      |    |
|       | 1965 to 1969                                      |    |
|       | 1960 to 1964                                      |    |
|       | 1950 to 1959                                      |    |
|       | Before 1950                                       |    |
|       |   |    |
| PB20. | NATIVITY, YEAR OF ENTRY, AND CITIZENSHIP(7) ..... | 7  |
|       | Universe: Persons                                 |    |
|       | Native  |    |
|       | Foreign born:                                     |    |
|       | Immigrated 1980 to 1990:                          |    |
|       | Naturalized citizen                               |    |
|       | Not a citizen                                     |    |

Immigrated 1965 to 1979:  
 Naturalized citizen  
 Not a citizen  
 Immigrated before 1965:  
 Naturalized citizen  
 Not a citizen

- PB21. AGE(6) BY LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH(5) ..... 30  
 Universe: Persons 5 years and over  
 5 to 17 years:  
     Speak only English  
     Speak a language other than English:  
         Speak English "very well"  
         Speak English "well"  
         Speak English "not well"  
         Speak English "not at all"  
 18 to 44 years:  
     (Repeat LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH)  
 45 to 59 years:  
     (Repeat LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH)  
 60 to 64 years:  
     (Repeat LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH)  
 65 to 74 years:  
     (Repeat LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH)  
 75 years and over:  
     (Repeat LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH)
- PB22. LINGUISTIC ISOLATION(6) ..... 6  
 Universe: Households  
 Not linguistically isolated:  
     All persons 14 years and over in household speak only English  
     At least one person 14 years and over in household, but not all, speaks only English  
     All persons 14 years and over in household speak a language other than English, and at least one person 14 years and over speaks English "very well"  
 Linguistically isolated:  
     All persons 14 years and over in household speak a language other than English, no person 14 years and over in household speaks English "very well," and at least one person 14 years and over in household speaks English "well"  
     All persons 14 years and over in household speak a language other than English, no person 14 years and over

in household speaks English "very well" or "well":  
 At least one person 14 years and over in household  
 speaks English "not well"  
 No person 14 years and over in household speaks  
 any English at all

PB23. LINGUISTIC ISOLATION AND AGE(19) ..... 19

Universe: Persons 5 years and over

Persons in households:

In English language only households:

- 5 to 17 years
- 18 to 44 years
- 45 to 59 years
- 60 to 64 years
- 65 to 74 years
- 75 years and over

In households with 1 or more persons that speak  
 a language other than English:

Linguistically isolated:

- 5 to 17 years
- 18 to 44 years
- 45 to 59 years
- 60 to 64 years
- 65 to 74 years
- 75 years and over

Not linguistically isolated:

- 5 to 17 years
- 18 to 44 years
- 45 to 59 years
- 60 to 64 years
- 65 to 74 years
- 75 years and over

Persons in group quarters

PB24. SEX(2) BY MARITAL STATUS(5) BY AGE(12) ..... 120

Universe: Persons 15 years and over

Male:

Never married:

- 15 to 17 years
- 18 and 19 years
- 20 to 24 years
- 25 to 29 years
- 30 to 34 years
- 35 to 44 years
- 45 to 54 years
- 55 to 59 years
- 60 to 64 years
- 65 to 74 years
- 75 to 84 years
- 85 years and over

Now married, except separated:

(Repeat AGE)  
 Separated:  
 (Repeat AGE)  
 Widowed:  
 (Repeat AGE)  
 Divorced:  
 (Repeat AGE)  
 Female:  
 (Repeat MARITAL STATUS By AGE)

PB25. MARITAL STATUS(2) BY AGE(4) ..... 8  
 Universe: Females 15 years and over  
 Never married:  
     15 to 24 years  
     25 to 34 years  
     35 to 44 years  
     45 years and over  
 Ever married:  
 (Repeat AGE)

PB26. AGGREGATE NUMBER OF CHILDREN EVERBORN(1) BY MARITAL  
 STATUS(2) BY AGE(4) ..... 8  
 Universe: Females 15 years and over  
 Total:  
     Never married:  
         15 to 24 years  
         25 to 34 years  
         35 to 44 years  
         45 years and over  
     Ever married:  
     (Repeat AGE)

PB27. AGE(4) BY CHILDREN EVER BORN(6)..... 24  
 Universe: Females 15 years and over  
 15 to 24 years:  
     No children  
     1 child  
     2 children  
     3 children  
     4 children  
     5 or more children  
 25 to 34 years:  
     (Repeat CHILDREN EVER BORN)  
 35 to 44 years:  
     (Repeat CHILDREN EVER BORN)  
 45 years and over:  
     (Repeat CHILDREN EVER BORN)

PB28. NATIVITY AND PLACE OF BIRTH(13) ..... 13  
 Universe: Persons  
 Native (001-099):

Born in State of residence  
 Born In other State in the United States (001-059):  
   Northeast (009, 023, 025, 033-034, 036, 042-044, 050)  
   Midwest (017-020, 026-027, 029, 031, 038-039, 046, 055)  
   South (001, 005, 010-014, 021-022, 024, 028,  
     037, 040, 045, 047-048, 051-052, 054)  
   West (002-004, 006-008, 015-016, 030, 032, 035,  
     041, 049, 053, 056-059)  
 Born outside the United States (060-099):  
   Puerto Rico (072-075)  
   Virgin Islands of the United States (078)  
   American Samoa (060-065)  
   Guam (066)  
   Commonwealth of the Northern Marianas (069-070)  
   Other U.S. outlying area (067-068, 071,  
     076-077, 079-099)  
 Born abroad of American parent(s)  
 Foreign born (100-999)

- PB29. AGE(3) BY RESIDENCE IN 1985 STATE AND COUNTY LEVEL(10) ... 30  
 Universe: Persons 60 years and over  
 60 to 64 years:  
   Same house in 1985  
   Different house in United States in 1985:  
     Same county  
     Different county:  
       Same State  
       Different State:  
         Northeast  
         Midwest  
         South  
         West  
   Abroad in 1985:  
     Puerto Rico  
     U.S. outlying area  
     Foreign country  
 65 to 74 years:  
   (Repeat RESIDENCE IN 1985-STATE AND COUNTY LEVEL)  
 75 years and over:  
   (Repeat RESIDENCE IN 1985-STATE AND COUNTY LEVEL)
- PB30. RESIDENCE IN 1985-STATE, COUNTY, AND PLACE LEVEL(12) ..... 12  
 Universe: Persons 5 years and over  
 Same house in 1985  
 Different house in the United States in 1985:  
   Same city or town:  
     Same county  
     Different county (same State)  
   Elsewhere:  
     Same county  
     Different county:

|       |   |    |
|-------|---|----|
|       | Same State<br>Different State:<br>Northeast<br>Midwest<br>South<br>West   |    |
|       | Abroad in 1985:<br>Puerto Rico<br>U.S. outlying area<br>Foreign country   |    |
| PB31. | RESIDENCE IN 1985-MSA/PMSA LEVEL(21) .....<br>Universe: Persons 5 years and over<br>Living in an MSA/PMSA in 1990:<br>Same house in 1985:<br>Central city of this MSA/PMSA<br>Remainder of this MSA/PMSA<br>Different house in United States in 1985:<br>This MSA/PMSA in 1985:<br>Moved within same central city<br>Moved between central cities<br>Moved from central city to remainder of this MSA/PMSA<br>Moved from remainder of this MSA/PMSA to central city<br>Moved within remainder of this MSA/PMSA<br>Different MSA/PMSA in 1985:<br>Central city<br>Remainder of different MSA/PMSA<br>Not in an MSA/PMSA in 1985:<br>Same State<br>Different State<br>Abroad in 1985:<br>Puerto Rico<br>Elsewhere<br>Not living in an MSA/PMSA in 1990:<br>Same house in 1985<br>Different house in United States in 1985:<br>In an MSA/PMSA in 1985:<br>Central city<br>Remainder of MSA/PMSA<br>Not in an MSA/PMSA in 1985:<br>Same county<br>Different county:<br>Same State<br>Different State<br>Abroad in 1985:<br>Puerto Rico<br>Elsewhere | 21 |
| PB32. | PLACE OF WORK-STATE AND COUNTY LEVEL(3) .....<br>Universe: Workers 16 years and over<br>Worked in State of residence:   | 3  |

|       |   |    |
|-------|---|----|
|       | Worked in county of residence                     |    |
|       | Worked outside county of residence                |    |
|       | Worked outside State of residence                 |    |
| PB33. | PLACE OF WORK-PLACE LEVEL(3) .....                | 3  |
|       | Universe: Workers 16 years and over               |    |
|       | Living in a place:                                |    |
|       | Worked in place of residence                      |    |
|       | Worked outside place of residence                 |    |
|       | Not living in a place                             |    |
| PB34. | PLACE OF WORK-MSA/PMSA LEVEL(8) .....             | 8  |
|       | Universe: Workers 16 years and over               |    |
|       | Living in an MSA/PMSA:                            |    |
|       | Worked in MSA/PMSA of residence:                  |    |
|       | Central city                                      |    |
|       | Remainder of this MSA/PMSA                        |    |
|       | Worked outside MSA/PMSA of residence:             |    |
|       | Worked in a different MSA/PMSA:                   |    |
|       | Central city                                      |    |
|       | Remainder of different MSA/PMSA                   |    |
|       | Worked outside any MSA/PMSA                       |    |
|       | Not living in an MSA/PMSA:                        |    |
|       | Worked in an MSA/PMSA:                            |    |
|       | Central city                                      |    |
|       | Remainder of MSA/PMSA                             |    |
|       | Worked outside any MSA/PMSA                       |    |
| PB35. | PLACE OF WORK-MINOR CIVIL DIVISION LEVEL(3) ..... | 3  |
|       | Universe: Workers 16 years and over               |    |
|       | Living in the 9 Northeastern States:              |    |
|       | Worked in the minor civil division of residence   |    |
|       | Worked outside minor civil division of residence  |    |
|       | Not living in the 9 Northeastern States           |    |
| PB36. | MEANS OF TRANSPORTATION TO WORK(13) .....         | 13 |
|       | Universe: Workers 16 years and over               |    |
|       | Car, truck, or van:                               |    |
|       | Drove alone                                       |    |
|       | Carpooled   |    |
|       | Public transportation:                            |    |
|       | Bus or trolley bus                                |    |
|       | Streetcar or trolley car                          |    |
|       | Subway or elevated                                |    |
|       | Railroad  |    |
|       | Ferryboat   |    |
|       | Taxicab   |    |
|       | Motorcycle  |    |
|       | Bicycle   |    |
|       | Walked  |    |
|       | Other means                                       |    |



Worked at home

PB37. TRAVEL TIME TO WORK(13) ..... 13

Universe: Workers 16 years and over

Did not work at home:

- Less than 5 minutes
- 5 to 9 minutes
- 10 to 14 minutes
- 15 to 19 minutes
- 20 to 24 minutes
- 25 to 29 minutes
- 30 to 34 minutes
- 35 to 39 minutes
- 40 to 44 minutes
- 45 to 59 minutes
- 60 to 89 minutes
- 90 or more minutes

Worked at home

PB38. AGGREGATE TRAVEL TIME TO WORK (IN MINUTES)(1) BY  
TRAVEL TIME TO WORK(4) BY MEANS OF TRANSPORTATION TO  
WORK(2) ..... 8

Universe: Workers 16 years and over who did not  
work at home

Total:

- Less than 30 minutes:
  - Public transportation
  - Other means
- 30 to 44 minutes:
  - (Repeat MEANS OF TRANSPORTATION TO WORK)
- 45 to 59 minutes:
  - (Repeat MEANS OF TRANSPORTATION TO WORK)
- 60 or more minutes:
  - (Repeat MEANS OF TRANSPORTATION TO WORK)

PB39. TIME LEAVING HOME TO GO TO WORK (15) ..... 15

Universe: Workers 16 years and over

Did not work at home:

- 12:00 a.m. to 4:59 a.m.
- 5:00 a.m. to 5:29 a.m.
- 5:30 a.m. to 5:59 a.m.
- 6:00 a.m. to 6:29 a.m.
- 6:30 a.m. to 6:59 a.m.
- 7:00 a.m. to 7:29 a.m.
- 7:30 a.m. to 7:59 a.m.
- 8:00 a.m. to 8:29 a.m.
- 8:30 a.m. to 8:59 a.m.
- 9:00 a.m. to 9:59 a.m.
- 10:00 a.m. to 10:59 a.m.
- 11:00 a.m. to 11:59 a.m.
- 12:00 p.m. to 3:59 p.m.

4:00 p.m. to 11:59 p.m.  
 Worked at home

|       |   |    |
|-------|---|----|
| PB40. | PRIVATE VEHICLE OCCUPANCY(9) .....                      | 9  |
|       | Universe: Workers 16 years and over                     |    |
|       | Car, truck, or van:                                     |    |
|       | Drove alone   |    |
|       | Carpooled:  |    |
|       | In 2-person carpool                                     |    |
|       | In 3-person carpool                                     |    |
|       | In 4-person carpool                                     |    |
|       | In 5-person carpool                                     |    |
|       | In 6-person carpool                                     |    |
|       | In 7-to-9-person carpool                                |    |
|       | In 10-or-more-person carpool                            |    |
|       | Other means   |    |
| PB41. | SEX(2) BY SCHOOL ENROLLMENT AND TYPE OF SCHOOL(7) ..... | 14 |
|       | Universe: Persons 3 years and over                      |    |
|       | Male:   |    |
|       | Enrolled in preprimary school:                          |    |
|       | Public school   |    |
|       | Private school  |    |
|       | Enrolled in elementary or high school:                  |    |
|       | Public school   |    |
|       | Private school  |    |
|       | Enrolled in college:                                    |    |
|       | Public school   |    |
|       | Private school  |    |
|       | Not enrolled in school                                  |    |
|       | Female:   |    |
|       | (Repeat SCHOOL ENROLLMENT AND TYPE OF SCHOOL)           |    |
| PB42. | SCHOOL ENROLLMENT(2) BY SEX(2) BY AGE(9) .....          | 36 |
|       | Universe: Persons 3 years and over                      |    |
|       | Enrolled in school:                                     |    |
|       | Male:   |    |
|       | 3 and 4 years   |    |
|       | 5 and 6 years   |    |
|       | 7 to 9 years  |    |
|       | 10 to 14 years  |    |
|       | 15 to 17 years  |    |
|       | 18 and 19 years   |    |
|       | 20 to 24 years  |    |
|       | 25 to 34 years  |    |
|       | 35 years and over                                       |    |
|       | Female:   |    |
|       | (Repeat AGE)  |    |
|       | Not enrolled in school:                                 |    |
|       | (Repeat SEX By AGE)                                     |    |

|       |   |    |
|-------|---|----|
| PB43. | COLLEGE ENROLLMENT(2) BY SEX(2) BY AGE(2) .....     | 8  |
|       | Universe: Persons 18 years and over                 |    |
|       | Enrolled in college:                                |    |
|       | Male:   |    |
|       | 18 to 24 years                                      |    |
|       | 25 years and over                                   |    |
|       | Female:   |    |
|       | (Repeat AGE)  |    |
|       | Not enrolled in college:                            |    |
|       | (Repeat SEX By AGE)                                 |    |
| PB44. | SEX(2) BY EDUCATIONAL ATTAINMENT(15) .....          | 30 |
|       | Universe: Persons 25 years and over                 |    |
|       | Male:   |    |
|       | No school or less than 1st grade                    |    |
|       | 1st to 4th grade                                    |    |
|       | 5th to 8th grade                                    |    |
|       | 9th grade   |    |
|       | 10th grade  |    |
|       | 11th grade  |    |
|       | 12th grade, no diploma                              |    |
|       | High school graduate (includes equivalency)         |    |
|       | Some college, no degree                             |    |
|       | Associate degree in college (occupational program)  |    |
|       | Associate degree in college (academic program)      |    |
|       | Bachelor's degree                                   |    |
|       | Master's degree                                     |    |
|       | Professional school degree                          |    |
|       | Doctorate degree                                    |    |
|       | Female:   |    |
|       | (Repeat EDUCATIONAL ATTAINMENT)                     |    |
| PB45. | SEX(2) BY AGE(8) BY EDUCATIONAL ATTAINMENT(6) ..... | 96 |
|       | Universe: Persons 18 years and over                 |    |
|       | Male:   |    |
|       | 18 to 24 years:                                     |    |
|       | Less than 9th grade                                 |    |
|       | 9th to 12th grade, no diploma                       |    |
|       | High school graduate (includes equivalency)         |    |
|       | Some college, no degree or associate degree         |    |
|       | Bachelor's degree                                   |    |
|       | Graduate or professional degree                     |    |
|       | 25 to 34 years:                                     |    |
|       | (Repeat EDUCATIONAL ATTAINMENT)                     |    |
|       | 35 to 44 years:                                     |    |
|       | (Repeat EDUCATIONAL ATTAINMENT)                     |    |
|       | 45 to 54 years:                                     |    |
|       | (Repeat EDUCATIONAL ATTAINMENT)                     |    |
|       | 55 to 59 years:                                     |    |
|       | (Repeat EDUCATIONAL ATTAINMENT)                     |    |
|       | 60 to 64 years:                                     |    |

(Repeat EDUCATIONAL ATTAINMENT)  
 65 to 74 years:  
 (Repeat EDUCATIONAL ATTAINMENT)  
 75 years and over:  
 (Repeat EDUCATIONAL ATTAINMENT)  
 Female:  
 (Repeat AGE By EDUCATIONAL ATTAINMENT)

PB46. SEX(2) BY AGE(4) BY SCHOOL ENROLLMENT,  
 EDUCATIONAL ATTAINMENT, AND EMPLOYMENT STATUS(16) ..... 128  
 Universe: Persons 16 to 24 years

Male:  
 Persons 16 and 17 years:  
 In Armed Forces:  
 Enrolled in school:  
 High school graduate  
 Not high school graduate  
 Not enrolled in school:  
 High school graduate  
 Not high school graduate  
 Civilian:  
 Enrolled in school:  
 High school graduate:  
 Employed  
 Unemployed  
 Not in labor force  
 Not high school graduate:  
 Employed  
 Unemployed  
 Not in labor force  
 Not enrolled in school:  
 High school graduate:  
 Employed  
 Unemployed  
 Not in labor force  
 Not high school graduate:  
 Employed  
 Unemployed  
 Not in labor force  
 Persons 18 and 19 years:  
 (Repeat SCHOOL ENROLLMENT, EDUCATIONAL  
 ATTAINMENT, AND EMPLOYMENT STATUS)  
 Persons 20 and 21 years:  
 (Repeat SCHOOL ENROLLMENT, EDUCATIONAL  
 ATTAINMENT, AND EMPLOYMENT STATUS)  
 Persons 22 to 24 years:  
 (Repeat SCHOOL ENROLLMENT, EDUCATIONAL  
 ATTAINMENT, AND EMPLOYMENT STATUS)

Female:  
 (Repeat AGE By SCHOOL ENROLLMENT, EDUCATIONAL ATTAINMENT,  
 AND EMPLOYMENT STATUS)

|       |  |    |
|-------|--|----|
| PB47. | FAMILY TYPE AND EMPLOYMENT STATUS(15) .....                                  | 15 |
|       | Universe: Families   |    |
|       | Married-couple family:   |    |
|       | Husband in labor force:  |    |
|       | Husband employed or in Armed Forces:   |    |
|       | Wife in labor force:   |    |
|       | Wife employed or in Armed Forces   |    |
|       | Wife unemployed  |    |
|       | Wife not in labor force  |    |
|       | Husband unemployed:  |    |
|       | Wife in labor force:   |    |
|       | Wife employed or in Armed Forces   |    |
|       | Wife unemployed  |    |
|       | Wife not in labor force  |    |
|       | Husband not in labor force:  |    |
|       | Wife in labor force:   |    |
|       | Wife employed or in Armed Forces   |    |
|       | Wife unemployed  |    |
|       | Wife not in labor force  |    |
|       | Other family:  |    |
|       | Male householder, no wife present:   |    |
|       | Householder in labor force:  |    |
|       | Householder employed or in Armed Forces                                      |    |
|       | Householder unemployed   |    |
|       | Householder not in labor force   |    |
|       | Female householder, no husband present:                                      |    |
|       | Householder in labor force:  |    |
|       | Householder employed or in Armed Forces                                      |    |
|       | Householder unemployed   |    |
|       | Householder not in labor force   |    |
| PB48. | SEX(2) BY HOUSEHOLD TYPE AND RELATIONSHIP AND<br>EMPLOYMENT STATUS(15) ..... | 30 |
|       | Universe: Unrelated individuals 16 years and over                            |    |
|       | Male:  |    |
|       | Nonfamily householder:   |    |
|       | Living alone:  |    |
|       | Employed or in Armed Forces  |    |
|       | Unemployed   |    |
|       | Not in labor force   |    |
|       | Not living alone:  |    |
|       | Employed or in Armed Forces  |    |
|       | Unemployed   |    |
|       | Not in labor force   |    |
|       | Other unrelated individuals:   |    |
|       | In family households:  |    |
|       | Employed or in Armed Forces  |    |
|       | Unemployed   |    |
|       | Not in labor force   |    |
|       | In nonfamily households:   |    |
|       | Employed or in Armed Forces  |    |

Unemployed  
 Not in labor force  
 In group quarters:  
   Employed or in Armed Forces  
   Unemployed  
   Not in labor force  
 Female:  
 (Repeat HOUSEHOLD TYPE AND RELATIONSHIP  
 AND EMPLOYMENT STATUS)

PB49. HOUSEHOLD TYPE AND RELATIONSHIP, PRESENCE AND  
 AGE OF CHILDREN, AND EMPLOYMENT STATUS(51) ..... 51

Universe: Females 16 years and over  
 In family households:  
   Householder or spouse in married-couple family:  
     With own children under 18 years:  
       Under 6 years only:  
         In labor force:  
           Employed or in Armed Forces  
           Unemployed  
         Not in labor force  
       6 to 17 years only:  
         In labor force:  
           Employed or in Armed Forces  
           Unemployed  
         Not in labor force  
       Under 6 years and 6 to 17 years:  
         In labor force:  
           Employed or in Armed Forces  
           Unemployed  
         Not in labor force  
     No own children under 18 years  
   Female householder, no husband present:  
     With own children under 18 years:  
       Under 6 years only:  
         In labor force:  
           Employed or in Armed Forces  
           Unemployed  
         Not in labor force  
       6 to 17 years only:  
         In labor force:  
           Employed or in Armed Forces  
           Unemployed  
         Not in labor force  
       Under 6 years and 6 to 17 years:  
         In labor force:  
           Employed or in Armed Forces  
           Unemployed  
         Not in labor force  
     No own children under 18 years  
 Parent in subfamily:

Married-couple subfamily.  
  With own children under 18 years:  
    Under 6 years only:  
      In labor force:  
        Employed or in Armed Forces  
        Unemployed  
      Not in labor force  
    6 to 17 years only:  
      In labor force:  
        Employed or in Armed Forces  
        Unemployed  
      Not in labor force  
    Under 6 years and 6 to 17 years:  
      In labor force:  
        Employed or in Armed Forces  
        Unemployed  
      Not in labor force  
    No own children under 18 years  
  Mother-child subfamily:  
    Under 6 years only:  
      In labor force:  
        Employed or in Armed Forces  
        Unemployed  
      Not in labor force  
    6 to 17 years only:  
      In labor force:  
        Employed or in Armed Forces  
        Unemployed  
      Not in labor force  
    Under 6 years and 6 to 17 years:  
      In labor force:  
        Employed or in Armed Forces  
        Unemployed  
      Not in labor force  
  Other relatives:  
    In labor force:  
      Employed or in Armed Forces  
      Unemployed  
    Not in labor force  
  Nonrelatives:  
    In labor force:  
      Employed or in Armed Forces  
      Unemployed  
    Not in labor force  
  In nonfamily households:  
    In labor force:  
      Employed or in Armed Forces  
      Unemployed  
    Not in labor force  
  In group quarters:  
    In labor force:

Employed or in Armed Forces  
 Unemployed  
 Not in labor force

|       |  |    |
|-------|--|----|
| PB50. | AGE OF CHILDREN(2) BY EMPLOYMENT STATUS AND<br>HOURS WORKED LAST WEEK OF PARENTS(15) ..... | 30 |
|       | Universe: Own children under 18 years in<br>families and subfamilies                       |    |
|       | Under 6 years:   |    |
|       | Living with two parents:   |    |
|       | Both parents in labor force:   |    |
|       | Both at work 35 or more hours  |    |
|       | Only one or neither at work 35 or more hours   |    |
|       | Father only in labor force:  |    |
|       | At work 35 or more hours   |    |
|       | Not at work 35 hours or more   |    |
|       | Mother only in labor force:  |    |
|       | At work 35 or more hours   |    |
|       | Not at work 35 hours or more   |    |
|       | Neither parent in labor force  |    |
|       | Living with one parent:  |    |
|       | Living with father:  |    |
|       | Father in labor force:   |    |
|       | At work 35 or more hours   |    |
|       | Not at work 35 hours or more   |    |
|       | Father not in labor force  |    |
|       | Living with mother:  |    |
|       | Mother in labor force:   |    |
|       | At work 35 or more hours   |    |
|       | Not at work 35 hours or more   |    |
|       | Mother not in labor force  |    |
|       | Filler   |    |
|       | Filler   |    |
|       | 6 to 17 years:   |    |
|       | (Repeat EMPLOYMENT STATUS AND HOURS WORKED<br>LAST WEEK OF PARENTS)                        |    |
| PB51. | FAMILY TYPE AND WORKERS IN FAMILY IN 1989(14) .....  | 14 |
|       | Universe: Families   |    |
|       | Married-couple family:   |    |
|       | No workers   |    |
|       | 1 worker   |    |
|       | 2 workers:   |    |
|       | Husband and wife worked  |    |
|       | Other  |    |
|       | 3 or more workers:   |    |
|       | Husband and wife worked  |    |
|       | Other  |    |
|       | Other family:  |    |
|       | Male householder, no wife present:   |    |
|       | No workers   |    |



1 worker  
 2 workers  
 3 or more workers  
 Female householder, no husband present:  
 No workers  
 1 worker  
 2 workers  
 3 or more workers

PB52. SEX(2) BY AGE(3) BY VETERAN STATUS(3) ..... 18  
 Universe: Persons 16 years and over

Male:  
 16 to 59 years:  
     In Armed Forces  
     Civilian:  
         Veteran  
         Nonveteran  
 60 to 64 years:  
     (Repeat VETERAN STATUS)  
 65 years and over:  
     (Repeat VETERAN STATUS)  
 Female:  
     (Repeat AGE By VETERAN STATUS)

PB53. SEX(2) BY PERIOD OF MILITARY SERVICE(13) ..... 26  
 Universe: Civilian veterans 16 years and over

Male:  
 May 1975 or later only:  
     September 1980 or later only:  
         With less than 2 years of service  
         With 2 or more years of service  
     May 1975 to August 1980 only  
     Both, May 1975 to August 1980 and September 1980  
     or later  
 Vietnam era, no Korean conflict nor World War II  
 Vietnam era and Korean conflict, no World War II  
 Vietnam era, Korean conflict, and World War II  
 February 1955 to July 1964 only  
 Korean conflict, no Vietnam era nor World War II  
 Korean conflict and World War II, no Vietnam era  
 World War II, no Korean conflict nor Vietnam era  
 World War I  
 Other service  
 Female:  
     (Repeat PERIOD OF MILITARY SERVICE)

PB54. SEX(2) BY AGE(2) BY WORK DISABILITY STATUS  
 AND EMPLOYMENT STATUS(7) ..... 28

Universe: Civilian noninstitutionalized  
 persons 16 years and over  
 Male:

16 to 64 years:  
 With a work disability:  
   In labor force:  
     Employed  
     Unemployed  
   Not in labor force:  
     Prevented from working  
     Not prevented from working  
 No work disability:  
   In labor force:  
     Employed  
     Unemployed  
   Not in labor force  
 65 years and over  
 (Repeat WORK DISABILITY STATUS AND EMPLOYMENT STATUS)  
 Female:  
 (Repeat AGE By WORK DISABILITY STATUS AND  
 EMPLOYMENT STATUS)

PB55. SEX(2) BY AGE(4) BY MOBILITY AND SELF-CARE  
 LIMITATION STATUS AND EMPLOYMENT STATUS(8) ..... 64

Universe: Civilian noninstitutionalized persons  
 16 years and over

Male:  
 16 to 59 years:  
   With a mobility or self-care limitation:  
     Mobility limitation only:  
       In labor force  
       Not in labor force  
     Self-care limitation only:  
       In labor force  
       Not in labor force  
     Mobility and self-care limitation:  
       In labor force  
       Not in labor force  
   No mobility or self-care limitation:  
     In labor force  
     Not in labor force  
 60 to 64 years:  
 (Repeat MOBILITY AND SELF-CARE LIMITATION STATUS  
 AND EMPLOYMENT STATUS)  
 65 to 74 years:  
 (Repeat MOBILITY AND SELF-CARE LIMITATION STATUS  
 AND EMPLOYMENT STATUS)  
 75 years and over:  
 (Repeat MOBILITY AND SELF-CARE LIMITATION STATUS  
 AND EMPLOYMENT STATUS)  
 Female:  
 (Repeat AGE By MOBILITY AND SELF-CARE LIMITATION STATUS  
 AND EMPLOYMENT STATUS)

|   |           |
|---|-----------|
| <p>PB56. SEX(2) BY AGE(12) BY EMPLOYMENT STATUS(4) .....<br/>                 Universe: Persons 16 years and over<br/>                 Male:<br/>                     16 to 19 years:<br/>                         In labor force:<br/>                             In Armed Forces<br/>                             Civilian:<br/>                                 Employed<br/>                                 Unemployed<br/>                             Not in labor force<br/>                     20 to 24 years:<br/>                         (Repeat EMPLOYMENT STATUS)<br/>                     25 to 29 years:<br/>                         (Repeat EMPLOYMENT STATUS)<br/>                     30 to 34 years:<br/>                         (Repeat EMPLOYMENT STATUS)<br/>                     35 to 44 years:<br/>                         (Repeat EMPLOYMENT STATUS)<br/>                     45 to 54 years:<br/>                         (Repeat EMPLOYMENT STATUS)<br/>                     55 to 59 years:<br/>                         (Repeat EMPLOYMENT STATUS)<br/>                     60 and 61 years:<br/>                         (Repeat EMPLOYMENT STATUS)<br/>                     62 to 64 years:<br/>                         (Repeat EMPLOYMENT STATUS)<br/>                     65 to 69 years:<br/>                         (Repeat EMPLOYMENT STATUS)<br/>                     70 to 74 years:<br/>                         (Repeat EMPLOYMENT STATUS)<br/>                     75 years and over:<br/>                         (Repeat EMPLOYMENT STATUS)<br/>                 Female:<br/>                     (Repeat AGE By EMPLOYMENT STATUS)</p> | <p>96</p> |
| <p>PB57. EMPLOYMENT STATUS, GROUP QUARTERS, SCHOOL ENROLLMENT,<br/>                 AND AGE(18) .....<br/>                 Universe: Persons 16 years and over<br/>                 In labor force<br/>                 Not in labor force:<br/>                     In households:<br/>                         Enrolled in school:<br/>                             16 to 24 years<br/>                             25 to 44 years<br/>                             45 to 64 years<br/>                             65 years and over<br/>                         Not enrolled in school:<br/>                             16 to 24 years<br/>                             25 to 44 years<br/>                             45 to 64 years<br/>                             65 years and over</p>   | <p>18</p> |

In group quarters:  
 Institutionalized persons  
 Other persons in group quarters:  
 Enrolled in school:  
   16 to 24 years  
   25 to 44 years  
   45 to 64 years  
   65 years and over  
 Not enrolled in school:  
   16 to 24 years  
   25 to 44 years  
   45 to 64 years  
   65 years and over

|       |   |    |
|-------|---|----|
| PB58. | AGE(3) BY SEX(2) BY EMPLOYMENT STATUS AND<br>WORK STATUS IN 1989(3) .....   | 18 |
|       | Universe: Persons 60 years and over<br>60 to 64 years:<br>Male:<br>In labor force<br>Not in labor force:<br>Worked in 1989<br>Did not work in 1989<br>Female:<br>(Repeat EMPLOYMENT STATUS AND WORK STATUS IN 1989)<br>65 to 69 years:<br>(Repeat SEX By EMPLOYMENT STATUS AND<br>WORK STATUS IN 1989)<br>70 years and over:<br>(Repeat SEX By EMPLOYMENT STATUS AND<br>WORK STATUS IN 1989)      |    |
| PB59. | SEX(2) BY EMPLOYMENT STATUS, HOURS WORKED LAST WEEK<br>AND YEAR LAST WORKED(11) .....   | 22 |
|       | Universe: Persons 16 years and over<br>Male:<br>In labor force:<br>In Armed Forces<br>Civilian:<br>Employed:<br>At work 35 or more hours<br>At work 15 to 34 hours<br>At work 1 to 14 hours<br>With a job, but not at work<br>Unemployed:<br>Last worked 1989 to 1990<br>Last worked 1988 or earlier<br>Never worked<br>Not in labor force:<br>Persons in households<br>Institutionalized persons |    |

Other persons in group quarters

Female:

(Repeat EMPLOYMENT STATUS, HOURS WORKED LAST WEEK,  
AND YEAR LAST WORKED)

PB60. SEX(2) BY WORK STATUS IN 1989, USUAL HOURS WORKED  
PER WEEK IN 1989, AND WEEKS WORKED IN 1989(19) ..... 38

Universe: Persons 16 years and over

Male:

Worked in 1989:

Usually worked 35 or more hours per week:

- 50 to 52 weeks
- 48 to 49 weeks
- 40 to 47 weeks
- 27 to 39 weeks
- 14 to 26 weeks
- 1 to 13 weeks

Usually worked 15 to 34 hours per week:

- 50 to 52 weeks
- 48 to 49 weeks
- 40 to 47 weeks
- 27 to 39 weeks
- 14 to 26 weeks
- 1 to 13 weeks

Usually worked 1 to 14 hours per week:

- 50 to 52 weeks
- 48 to 49 weeks
- 40 to 47 weeks
- 27 to 39 weeks
- 14 to 26 weeks
- 1 to 13 weeks

Did not work in 1989

Female:

(Repeat WORK STATUS IN 1989, USUAL HOURS WORKED  
PER WEEK IN 1989, AND WEEKS WORKED IN 1989)

PB61. SEX(2) BY INDUSTRY(72) ..... 144  
Universe: Employed persons 16 years and over

Male:

- Agricultural production (000-010, 011)
- Agricultural services (012-030)
- Forestry and fisheries (031-039)
- Mining (040-059)
- Construction (060-099)
- Manufacturing (100-399):
  - Nondurable goods (100-229):
    - Food and kindred products (100-129)
    - Textile mill products (132-150)
    - Apparel and other finished textile products (151-159)
    - Paper and allied products (160-170)
    - Printing, publishing, and allied industries (171-179)

- Chemicals and allied products (180-199)
- Petroleum and coal products (200-209)
- Rubber and miscellaneous plastics products (210-219)
- Other nondurable goods (130-131, 220-229)
- Durable goods (230-399):
  - Furniture, lumber, and wood products (230-249)
  - Primary metal industries (270-280)
  - Fabricated metal industries (281-309)
  - Machinery and computing equipment (310-339)
  - Electrical equipment and components, except computer (340-350)
  - Motor vehicles and motor vehicle equipment (351)
  - Other transportation equipment (352-370)
  - Other durable goods (250-269, 371-391)
- Not specified manufacturing (392-399)
- Transportation, communications, and other public utilities (400-499):
  - Transportation (400-439):
    - Railroads (400)
    - Trucking service and warehousing (410-411)
    - U.S. Postal Service (412-419)
    - Air transportation (421)
    - Other transportation (401-409, 420, 422-439)
  - Communications (440-449):
    - Telephone communications (441)
    - Other communications (440, 442-449)
  - Utilities and sanitary services (450-499)
- Wholesale trade (500-579):
  - Durable goods (500-539)
  - Nondurable goods (540-579)
- Retail trade (580-699):
  - Building materials and hardware and garden stores (580-589)
  - General merchandise stores (591-600)
  - Food, bakery, and dairy stores (601-611)
  - Automotive dealers and gasoline stations (612-622):
    - Motor vehicle dealers (612-619)
    - Gasoline service stations (621)
    - Automotive and home supply stores and miscellaneous vehicle dealers (620, 622)
  - Apparel and accessory stores, including shoes (623-630)
  - Home furnishings and equipment stores (631-640)
  - Eating and drinking places (641)
  - Other retail trade (590, 642-699)
- Finance, insurance, and real estate (700-720):
  - Banking and other savings institutions (700-701)
  - Insurance (711)
  - Real estate, including real estate-insurance offices (712-720)
  - Other finance (702-710)
- Business and repair services (721-760):

- Personnel supply services (731)
- Computer and data processing services (732-739)
- Other business services (721-730, 740-741)
- Automotive repair and related services (751)
- Other repair services and other automotive services (742-750, 752-760)
- Personal services (761-799):
  - Private households (761)
  - Hotels and motels (762-769)
  - Beauty and barber shops (772-780)
  - Other personal services (770-771, 781-799)
- Entertainment and recreation services (800-811)
- Professional and related services (812-899):
  - Hospitals (831)
  - Health services, except hospitals (812-830, 832-840)
  - Legal services (841)
  - Elementary and secondary schools (842-849):
    - Government (842-849)
    - Private (842-849)
  - Colleges and universities (850)
  - Other educational services (851-860)
  - Job training and vocational rehabilitation services (861)
  - Child day care, including family homes (862-869)
  - Other social services (870-871)
  - Religious and other membership organizations (873-881)
  - Engineering, architectural, and surveying services (882-889)
  - Other professional services (872, 890-899)
- Public administration (900-939):
  - Justice, public order, and safety (910-920)
  - Other public administration (900-909, 921-939)
- Female:
  - (Repeat INDUSTRY)

PB62. SEX(2) BY INDUSTRY(2) BY CLASS OF WORKER(8) ..... 32

Universe: Employed persons 16 years and over

Male:

- All industries except agriculture (031-939):
  - Private for profit wage and salary workers:
    - Employee of private company
    - Employee of own corporation
  - Private not-for-profit wage and salary workers
  - Local government workers
  - State government workers
  - Federal government workers
  - Self-employed workers
  - Unpaid family workers
- Agriculture (000-030):
  - (Repeat CLASS OF WORKER)

Female:

(Repeat INDUSTRY By CLASS OF WORKER)

PB63. SEX(2) BY OCCUPATION(94) ..... 188

Universe: Employed persons 16 years and over

Male:

Managerial and professional specialty occupations  
(000-202):

Executive, administrative, and managerial  
occupations (000-042):

Officials and administrators,  
public administration (000-006)

Financial managers (007)

Managers, marketing, advertising,  
and public relations (013)

Administrators, education and related fields (014)

Other specified managers and administrators  
(008-012, 015-021)

Managers and administrators, n.e.c. (022):

Salaried (022)

Self-employed (022)

Management related occupations (023-042):

Accountants and auditors (023)

Other management related occupations (024-042)

Professional specialty occupations (043-202):

Engineers, architects, and surveyors (043-063):

Engineers (044-062)

Architects and surveyors (043, 063)

Mathematical and computer scientists (064-068)

Natural scientists (069-083)

Health diagnosing occupations (084-094):

Physicians (084)

Other health diagnosing occupations (085-094)

Health assessment and treating occupations

(095-112):

Registered nurses (095)

Other health assessment and treating occupations  
(096-112)

Teachers, postsecondary (113-154)

Teachers, except postsecondary (155-162):

Teachers, elementary and secondary schools  
(155-157)

Other teachers, except postsecondary (158-162)

Librarians and counselors (163-165)

Social scientists and urban planners (166-173)

Social, recreation, and religious workers (174-177)

Lawyers and judges (178-182)

Writers, artists, entertainers, and athletes

(183-202)

Technical, sales, and administrative support occupations

(203-402):



Technicians and related support occupations (203-242):  
Health technologists and technicians,  
except licensed practical nurses (203-206, 208-212)  
Licensed practical nurses (207)  
Engineering and science technicians (213-225)  
Technicians, except health, engineering,  
and science (226-242)  
Sales occupations (243-302):  
Supervisors and proprietors, sales occupations,  
salaried (243-252)  
Supervisors and proprietors, sales occupations,  
self-employed (243-252)  
Sales representatives, finance, and business services  
(253-257):  
Real estate sales occupations (254)  
Other finance and business services  
sales occupations (253, 255-257)  
Sales representatives, commodities, except retail  
(258-262)  
Sales workers, retail and personal services (263-282):  
Cashiers (276)  
Other sales workers, retail and personal services  
(263-275, 277-282)  
Sales related occupations (283-302)  
Administrative support occupations, including clerical  
(303-402):  
Supervisors, administrative support occupations  
(303-307)  
Computer equipment operators (308-312)  
Secretaries, stenographers, and typists (313-315)  
Information clerks (316-324)  
Records processing occupations, except financial  
(325-336)  
Bookkeepers, accounting, and auditing clerks (337)  
Other financial records processing occupations  
(338-344)  
Mail and message distributing occupations (354-358)  
Material recording, scheduling and distributing clerks  
(359-374)  
Adjusters and investigators (375-378)  
Other administrative support occupations  
(345-353, 379-402)  
Service occupations (403-472):  
Private household occupations (403-412)  
Protective service occupations (413-432):  
Police and firefighters (417-422)  
Guards (425-432)  
Other protective service occupations  
(413-416, 423-424)  
Food service occupations (433-444):  
Waiters and waitresses (435)

- Cooks (436-437)
- Other food service occupations (433-434, 438-444)
- Health service occupations (445-447):
  - Nursing aides, orderlies, and attendants (447)
  - Other health service occupations (445-446)
- Cleaning and building service occupations, except household (448-455)
- Personal service occupations (456-472):
  - Barbers, hairdressers, and cosmetologists (457-458)
  - Child care workers (466-468)
  - Other personal service occupations (456, 459-465, 469-472)
- Farming, forestry, and fishing occupations (473-502):
  - Farm operators and managers (473-476)
  - Farm occupations, except managers (477-484)
  - Related agricultural occupations (485-493):
    - Groundskeepers and gardeners, except farm (486)
    - Other related agricultural occupations (485, 487-493)
  - Forestry and logging occupations (494-496)
  - Fishers, hunters, and trappers (497-502)
- Precision production, craft, and repair occupations (503-702):
  - Auto mechanics and repairers (505-506, 514)
  - Mechanics and repairers, except auto (503-504, 507-513, 515-552)
  - Construction trades (553-612):
    - Carpenters (567-572)
    - Electricians (575-576)
    - Painters, construction and maintenance (579-582)
    - Plumbers, pipefitters, and steamfitters (585-587)
    - Other construction trades (553-566, 573-574, 577-578, 583-584, 588-612)
  - Extractive occupations (613-627)
  - Precision production occupations (628-702):
    - Supervisors, production occupations (628-633)
    - Precision metal working occupations (634-655)
    - Precision food production occupations (686-688)
    - Other precision production occupations (656-685, 689-702)
- Operators, fabricators, and laborers (703-902):
  - Machine operators, assemblers, and inspectors (703-802):
    - Machine operators and tenders, except precision (703-782):
      - Metal working and plastic working machine operators (703-716)
      - Printing machine operators (734-737)
      - Textile, apparel, and furnishings machine operators (738-752)
      - Other machine operators and tenders, except precision (717-733, 753-782)

Fabricators, assemblers, and hand working occupations  
 (783-795)  
 Production inspectors, testers, samplers,  
 and weighers (796-802)  
 Transportation and material moving occupations (803-863):  
 Motor vehicle operators (803-822):  
     Truck drivers (804-805)  
     Bus drivers (808)  
     Other motor vehicle operators (803, 806-807,  
     809-822)  
 Transportation occupations, except  
 motor vehicles (823-842)  
 Material moving equipment operators (843-863)  
 Handlers, equipment cleaners, helpers, and laborers  
 (864-902):  
     Construction laborers (869-873)  
     Freight, stock, and material handlers (875-884)  
     Hand packers and packagers (888)  
     Miscellaneous manual occupations (864-868, 874,  
     885-887, 889-902)

Female:  
 (Repeat OCCUPATION)

PB64. SEX(2) BY OCCUPATION(14) ..... 28

Universe: Experienced unemployed persons 16 years and over  
 Male:  
     Managerial and professional specialty occupations  
     (000-202):  
         Executive, administrative, and managerial occupations  
         (000-042)  
         Professional specialty occupations (043-202)  
     Technical, sales, and administrative support occupations  
     (203-402):  
         Technicians and related support occupations (203-242)  
         Sales occupations (243-302)  
         Administrative support occupations, including clerical  
         (303-402)  
     Service occupations (403-472):  
         Private household occupations (403-412)  
         Protective service occupations (413-432)  
         Service occupations, except protective and household  
         (433-472)  
     Farming, forestry, and fishing occupations (473-502)  
     Precision production, craft, and repair operations  
     (503-702)  
     Operators, fabricators, and laborers (703-902):  
         Machine operators, assemblers, and inspectors (703-802)  
         Transportation and material moving occupations (803-863)  
         Handlers, equipment cleaners, helpers, and laborers  
         (864-902)  
 Unemployed, last job uniquely military, or

last worked 1984 or earlier (903-999)  
 Female:  
 (Repeat OCCUPATION)

|        |  |    |
|--------|--|----|
| PB65.  | HOUSEHOLD INCOME IN 1989(25) .....                               | 25 |
|        | Universe: Households   |    |
|        | Less than \$5,000  |    |
|        | \$5,000 to \$9,999   |    |
|        | \$10,000 to \$12,499   |    |
|        | \$12,500 to \$14,999   |    |
|        | \$15,000 to \$17,499   |    |
|        | \$17,500 to \$19,999   |    |
|        | \$20,000 to \$22,499   |    |
|        | \$22,500 to \$24,999   |    |
|        | \$25,000 to \$27,499   |    |
|        | \$27,500 to \$29,999   |    |
|        | \$30,000 to \$32,499   |    |
|        | \$32,500 to \$34,999   |    |
|        | \$35,000 to \$37,499   |    |
|        | \$37,500 to \$39,999   |    |
|        | \$40,000 to \$42,499   |    |
|        | \$42,500 to \$44,999   |    |
|        | \$45,000 to \$47,499   |    |
|        | \$47,500 to \$49,999   |    |
|        | \$50,000 to \$54,999   |    |
|        | \$55,000 to \$59,999   |    |
|        | \$60,000 to \$74,999   |    |
|        | \$75,000 to \$99,999   |    |
|        | \$100,000 to \$124,999   |    |
|        | \$125,000 to \$149,999   |    |
|        | \$150,000 or more  |    |
| PB65A. | MEDIAN HOUSEHOLD INCOME IN 1989(1) .....                         | 1  |
|        | Universe: Households   |    |
|        | Median household income in 1989                                  |    |
| PB66.  | AGGREGATE HOUSEHOLD INCOME IN 1989(1) .....                      | 1  |
|        | Universe: Households   |    |
|        | Total  |    |
| PB67.  | HOUSEHOLD TYPE(2) BY TENURE(2) BY AGE OF<br>HOUSEHOLDER(8) ..... | 32 |
|        | Universe: Households   |    |
|        | Family households:   |    |
|        | Owner occupied:  |    |
|        | Householder 15 to 24 years                                       |    |
|        | Householder 25 to 34 years                                       |    |
|        | Householder 35 to 44 years                                       |    |
|        | Householder 45 to 54 years                                       |    |
|        | Householder 55 to 59 years                                       |    |
|        | Householder 60 to 64 years                                       |    |

Householder 65 to 74 years  
 Householder 75 years and over  
 Renter occupied:  
 (Repeat AGE OF HOUSEHOLDER)  
 Nonfamily households:  
 (Repeat TENURE By AGE OF HOUSEHOLDER)

|       |   |    |
|-------|---|----|
| PB68. | AGGREGATE HOUSEHOLD INCOME IN 1989(1) BY HOUSEHOLD<br>TYPE(2) BY TENURE(2) BY AGE OF HOUSEHOLDER(8) ..... | 32 |
|       | Universe: Households  |    |
|       | Total:  |    |
|       | Family households:  |    |
|       | Owner occupied:   |    |
|       | Householder 15 to 24 years  |    |
|       | Householder 25 to 34 years  |    |
|       | Householder 35 to 44 years  |    |
|       | Householder 45 to 54 years  |    |
|       | Householder 55 to 59 years  |    |
|       | Householder 60 to 64 years  |    |
|       | Householder 65 to 74 years  |    |
|       | Householder 75 years and over   |    |
|       | Renter occupied:  |    |
|       | (Repeat AGE OF HOUSEHOLDER)   |    |
|       | Nonfamily households:   |    |
|       | (Repeat TENURE By AGE OF HOUSEHOLDER)   |    |
| PB69. | EARNINGS IN 1989(2) .....   | 2  |
|       | Universe: Households  |    |
|       | With earnings   |    |
|       | No earnings   |    |
| PB70. | WAGE OR SALARY INCOME IN 1989(2) .....  | 2  |
|       | Universe: Households  |    |
|       | With wage or salary income  |    |
|       | No wage or salary income  |    |
| PB71. | NONFARM SELF-EMPLOYMENT INCOME IN 1989(2) .....   | 2  |
|       | Universe: Households  |    |
|       | With nonfarm self-employment income   |    |
|       | No nonfarm self-employment income   |    |
| PB72. | FARM SELF-EMPLOYMENT INCOME IN 1989(2) .....  | 2  |
|       | Universe: Households  |    |
|       | With farm self-employment income  |    |
|       | No farm self-employment income  |    |
| PB73. | INTEREST, DIVIDEND, OR NET RENTAL INCOME IN 1989(2) .....   | 2  |
|       | Universe: Households  |    |
|       | With interest, dividend, or net rental income   |    |
|       | No interest, dividend, or net rental income   |    |

|       |  |   |
|-------|--|---|
| PB74. | SOCIAL SECURITY INCOME IN 1989(2) .....                                | 2 |
|       | Universe: Households   |   |
|       | With Social Security income  |   |
|       | No Social Security income  |   |
| PB75. | PUBLIC ASSISTANCE INCOME IN 1989(2) .....                              | 2 |
|       | Universe: Households   |   |
|       | With public assistance income  |   |
|       | No public assistance income  |   |
| PB76. | RETIREMENT INCOME IN 1989(2) .....                                     | 2 |
|       | Universe: Households   |   |
|       | With retirement income   |   |
|       | No retirement income   |   |
| PB77. | OTHER TYPE OF INCOME IN 1989(2) .....                                  | 2 |
|       | Universe: Households   |   |
|       | With other income  |   |
|       | No other income  |   |
| PB78. | AGGREGATE WAGE OR SALARY INCOME IN 1989(1) .....                       | 1 |
|       | Universe: Households   |   |
|       | Total  |   |
| PB79. | AGGREGATE NONFARM SELF-EMPLOYMENT INCOME IN 1989(1) .....              | 1 |
|       | Universe: Households   |   |
|       | Total  |   |
| PB80. | AGGREGATE FARM SELF-EMPLOYMENT INCOME IN 1989(1) .....                 | 1 |
|       | Universe: Households   |   |
|       | Total  |   |
| PB81. | AGGREGATE INTEREST, DIVIDEND, OR NET RENTAL<br>INCOME IN 1989(1) ..... | 1 |
|       | Universe: Households   |   |
|       | Total  |   |
| PB82. | AGGREGATE SOCIAL SECURITY INCOME IN 1989 (1) .....                     | 1 |
|       | Universe: Households   |   |
|       | Total  |   |
| PB83. | AGGREGATE PUBLIC ASSISTANCE INCOME IN 1989(1) .....                    | 1 |
|       | Universe: Households   |   |
|       | Total  |   |
| PB84. | AGGREGATE RETIREMENT INCOME IN 1989(1) .....                           | 1 |
|       | Universe: Households   |   |
|       | Total  |   |
| PB85. | AGGREGATE OTHER TYPE OF INCOME IN 1989(1) .....                        | 1 |
|       | Universe: Households   |   |

Total

PB86. FAMILY INCOME IN 1989(25) BY FAMILY TYPE  
 AND PRESENCE AND AGE OF CHILDREN(12) ..... 300

Universe: Families

Less than \$5,000:

- Married-couple family:
  - With own children under 18 years:
    - Under 6 years only
    - 6 to 17 years only
    - Under 6 years and 6 to 17 years
  - No own children under 18 years
- Other family:
  - Male householder, no wife present:
    - With own children under 18 years:
      - Under 6 years only
      - 6 to 17 years only
      - Under 6 years and 6 to 17 years
    - No own children under 18 years
  - Female householder, no husband present:
    - With own children under 18 years:
      - Under 6 years only
      - 6 to 17 years only
      - Under 6 years and 6 to 17 years
    - No own children under 18 years

\$5,000 to \$9,999:  
 (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)

\$10,000 to \$12,499:  
 (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)

\$12,500 to \$14,999:  
 (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)

\$15,000 to \$17,499:  
 (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)

\$17,500 to \$19,999:  
 (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)

\$20,000 to \$22,499:  
 (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)

\$22,500 to \$24,999:  
 (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)

\$25,000 to \$27,499:  
 (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)

\$27,500 to \$29,999:  
 (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)

\$30,000 to \$32,499:  
 (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)

\$32,500 to \$34,999:  
 (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)

\$35,000 to \$37,499:  
 (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)

\$37,500 to \$39,999:  
 (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)

\$40,000 to \$42,499:  
 (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)  
 \$42,500 to \$44,999:  
 (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)  
 \$45,000 to \$47,499:  
 (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)  
 \$47,500 to \$49,999:  
 (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)  
 \$50,000 to \$54,999:  
 (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)  
 \$55,000 to \$59,999:  
 (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)  
 \$60,000 to \$74,999:  
 (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)  
 \$75,000 to \$99,999:  
 (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)  
 \$100,000 to \$124,999:  
 (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)  
 \$125,000 to \$149,999:  
 (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)  
 \$150,000 or more:  
 (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN)

PB86A. MEDIAN FAMILY INCOME IN 1989(1) BY FAMILY TYPE(3) ..... 3  
 Universe: Families  
 Median family income in 1989:  
   Married-couple family  
   Other family:  
     Male householder, no wife present  
     Female householder, no husband present

PB86B. MEDIAN FAMILY INCOME IN 1989(1) BY FAMILY TYPE  
 AND PRESENCE OF CHILDREN(6) ..... 6  
 Universe: Families  
 Median family income in 1989:  
   Married-couple family:  
     With own children under 18 years  
     No own children under 18 years  
   Other family:  
     Male householder, no wife present:  
       With own children under 18 years  
       No own children under 18 years  
     Female householder, no husband present:  
       With own children under 18 years  
       No own children under 18 years

PB86C. MEDIAN FAMILY INCOME IN 1989(1) BY FAMILY TYPE  
 AND PRESENCE AND AGE OF CHILDREN(12) ..... 12  
 Universe: Families  
 Median family income in 1989:  
   Married-couple family:



With own children under 18 years:  
 Under 6 years only  
 6 to 17 years only  
 Under 6 years and 6 to 17 years  
 No own children under 18 years  
 Other family:  
 Male householder, no wife present:  
 With own children under 18 years:  
 Under 6 years only  
 6 to 17 years only  
 Under 6 years and 6 to 17 years  
 No own children under 18 years  
 Female householder, no husband present:  
 With own children under 18 years:  
 Under 6 years only  
 6 to 17 years only  
 Under 6 years and 6 to 17 years  
 No own children under 18 years

PB87. AGGREGATE FAMILY INCOME IN 1989(1) BY FAMILY TYPE  
 AND PRESENCE AND AGE OF CHILDREN(12) ..... 12

Universe: Families

Total:

Married-couple family:  
 With own children under 18 years:  
 Under 6 years only  
 6 to 17 years only  
 Under 6 years and 6 to 17 years  
 No own children under 18 years  
 Other family:  
 Male householder, no wife present:  
 With own children under 18 years:  
 Under 6 years only  
 6 to 17 years only  
 Under 6 years and 6 to 17 years  
 No own children under 18 years  
 Female householder, no husband present:  
 With own children under 18 years:  
 Under 6 years only  
 6 to 17 years only  
 Under 6 years and 6 to 17 years  
 No own children under 18 years

PB88. WORKERS IN FAMILY IN 1989(4) BY FAMILY INCOME  
 IN 1989(25) ..... 100

Universe: Families

No workers:

Less than \$5,000  
 \$5,000 to \$9,999  
 \$10,000 to \$12,499  
 \$12,500 to \$14,999

- \$15,000 to \$17,499
- \$17,500 to \$19,999
- \$20,000 to \$22,499
- \$22,500 to \$24,999
- \$25,000 to \$27,499
- \$27,500 to \$29,999
- \$30,000 to \$32,499
- \$32,500 to \$34,999
- \$35,000 to \$37,499
- \$37,500 to \$39,999
- \$40,000 to \$42,499
- \$42,500 to \$44,999
- \$45,000 to \$47,499
- \$47,500 to \$49,999
- \$50,000 to \$54,999
- \$55,000 to \$59,999
- \$60,000 to \$74,999
- \$75,000 to \$99,999
- \$100,000 to \$124,999
- \$125,000 to \$149,999
- \$150,000 or more

- 1 worker:  
(Repeat FAMILY INCOME IN 1989)
- 2 or more workers, husband and wife worked:  
(Repeat FAMILY INCOME IN 1989)
- 2 or more workers, other:  
(Repeat FAMILY INCOME IN 1989)

|   |   |
|---|---|
| PB88A. MEDIAN FAMILY INCOME IN 1989(1) .....                  | 1 |
| Universe: Families  |   |
| Median family income in 1989                                  |   |
| PB88B. MEDIAN FAMILY INCOME IN 1989(1) BY WORKERS IN          |   |
| FAMILY IN 1989(3) .....                                       | 3 |
| Universe: Families  |   |
| Median family income in 1989:                                 |   |
| No workers  |   |
| 1 worker  |   |
| 2 or more workers   |   |
| PB88C. MEDIAN FAMILY INCOME IN 1989(1) BY WORKERS IN FAMILY   |   |
| IN 1989(4) .....  | 4 |
| Universe: Families  |   |
| Median family income in 1989:                                 |   |
| No workers  |   |
| 1 worker  |   |
| 2 or more workers, husband and wife worked                    |   |
| 2 or more workers, other                                      |   |
| PB89. AGGREGATE FAMILY INCOME IN 1989(1) BY WORKERS IN FAMILY |   |
| IN 1989(6) .....  | 6 |

Universe: Families

Total:

- No workers
- 1 worker
- 2 workers, husband and wife worked
- 2 workers, other
- 3 or more workers, husband and wife worked
- 3 or more workers, other

PB90. PERSONS IN FAMILY(6) BY FAMILY INCOME IN 1989(25) ..... 150

Universe: Families

2 persons:

- Less than \$5,000
- \$5,000 to \$9,999
- \$10,000 to \$12,499
- \$12,500 to \$14,999
- \$15,000 to \$17,499
- \$17,500 to \$19,999
- \$20,000 to \$22,499
- \$22,500 to \$24,999
- \$25,000 to \$27,499
- \$27,500 to \$29,999
- \$30,000 to \$32,499
- \$32,500 to \$34,999
- \$35,000 to \$37,499
- \$37,500 to \$39,999
- \$40,000 to \$42,499
- \$42,500 to \$44,999
- \$45,000 to \$47,499
- \$47,500 to \$49,999
- \$50,000 to \$54,999
- \$55,000 to \$59,999
- \$60,000 to \$74,999
- \$75,000 to \$99,999
- \$100,000 to \$124,999
- \$125,000 to \$149,999
- \$150,000 or more

3 persons:

(Repeat FAMILY INCOME IN 1989)

4 persons:

(Repeat FAMILY INCOME IN 1989)

5 persons:

(Repeat FAMILY INCOME IN 1989)

6 persons:

(Repeat FAMILY INCOME IN 1989)

7 or more persons:

(Repeat FAMILY INCOME IN 1989)

PB90A. MEDIAN FAMILY INCOME IN 1989(1) BY PERSONS IN FAMILY(6) .. 6

Universe: Families

Median family income in 1989:

- 2 persons
- 3 persons
- 4 persons
- 5 persons
- 6 persons
- 7 or more persons

PB91. SEX OF HOUSEHOLDER(2) BY HOUSEHOLD TYPE(2)  
 BY AGE OF HOUSEHOLDER(2) BY NONFAMILY  
 HOUSEHOLD INCOME IN 1989(25) ..... 200

Universe: Nonfamily households

Male householder:

  Living alone:

    Householder 15 to 64 years:

- Less than \$5,000
- \$5,000 to \$9,999
- \$10,000 to \$12,499
- \$12,500 to \$14,999
- \$15,000 to \$17,499
- \$17,500 to \$19,999
- \$20,000 to \$22,499
- \$22,500 to \$24,999
- \$25,000 to \$27,499
- \$27,500 to \$29,999
- \$30,000 to \$32,499
- \$32,500 to \$34,999
- \$35,000 to \$37,499
- \$37,500 to \$39,999
- \$40,000 to \$42,499
- \$42,500 to \$44,999
- \$45,000 to \$47,499
- \$47,500 to \$49,999
- \$50,000 to \$54,999
- \$55,000 to \$59,999
- \$60,000 to \$74,999
- \$75,000 to \$99,999
- \$100,000 to \$124,999
- \$125,000 to \$149,999
- \$150,000 or more

    Householder 65 years and over:

      (Repeat NONFAMILY HOUSEHOLD INCOME IN 1989)

  Not living alone:

    (Repeat AGE OF HOUSEHOLDER By NONFAMILY HOUSEHOLD  
       INCOME IN 1989)

Female householder:

  (Repeat HOUSEHOLD TYPE By AGE OF HOUSEHOLDER By NONFAMILY  
     HOUSEHOLD INCOME IN 1989)

PB91A. MEDIAN NONFAMILY HOUSEHOLD INCOME IN 1989(1)  
 BY SEX OF HOUSEHOLDER(2) ..... 2  
 Universe: Nonfamily households

Median nonfamily household income in 1989:  
 Male householder  
 Female householder

|        |   |    |
|--------|---|----|
| PB91B. | MEDIAN NONFAMILY HOUSEHOLD INCOME IN 1989(1)<br>BY SEX OF HOUSEHOLDER(2) BY HOUSEHOLD TYPE(2) .....   | 4  |
|        | Universe: Nonfamily households<br>Median nonfamily household income in 1989:<br>Male householder:<br>Living alone<br>Not living alone<br>Female householder:<br>(Repeat HOUSEHOLD TYPE)   |    |
| PB91C. | MEDIAN NONFAMILY HOUSEHOLD INCOME IN 1989(1)<br>BY SEX OF HOUSEHOLDER(2) BY HOUSEHOLD TYPE(2)<br>BY AGE OF HOUSEHOLDER(2) .....   | 8  |
|        | Universe: Nonfamily households<br>Median nonfamily household income in 1989:<br>Male householder<br>Living alone:<br>Householder 15 to 64 years<br>Householder 65 years and over<br>Not living alone:<br>(Repeat AGE OF HOUSEHOLDER)<br>Female householder<br>(Repeat HOUSEHOLD TYPE By AGE OF HOUSEHOLDER) |    |
| PB92.  | AGGREGATE NONFAMILY HOUSEHOLD INCOME IN 1989(1)<br>BY SEX OF HOUSEHOLDER(2) BY HOUSEHOLD TYPE(2)<br>BY AGE OF HOUSEHOLDER(2) .....  | 8  |
|        | Universe: Nonfamily households<br>Total:<br>Male householder:<br>Living alone:<br>Householder 15 to 64 years<br>Householder 65 years and over<br>Not living alone:<br>(Repeat AGE OF HOUSEHOLDER)<br>Female householder:<br>(Repeat HOUSEHOLD TYPE By AGE OF HOUSEHOLDER)                                   |    |
| PB93.  | SEX(2) BY WEEKS WORKED IN 1989 AND USUAL HOURS WORKED<br>PER WEEK IN 1989(2) BY INCOME IN 1989(23) .....  | 92 |
|        | Universe: Persons 15 years and over<br>Male:<br>Worked year round full time in 1989:<br>No income<br>With income:<br>\$1 to \$2,499 or loss<br>\$2,500 to \$4,999   |    |

\$5,000 to \$7,499  
 \$7,500 to \$9,999  
 \$10,000 to \$12,499  
 \$12,500 to \$14,999  
 \$15,000 to \$17,499  
 \$17,500 to \$19,999  
 \$20,000 to \$22,499  
 \$22,500 to \$24,999  
 \$25,000 to \$27,499  
 \$27,500 to \$29,999  
 \$30,000 to \$32,499  
 \$32,500 to \$34,999  
 \$35,000 to \$37,499  
 \$37,500 to \$39,999  
 \$40,000 to \$44,999  
 \$45,000 to \$49,999  
 \$50,000 to \$59,999  
 \$60,000 to \$74,999  
 \$75,000 to \$99,999  
 \$100,000 or more

Other:

(Repeat INCOME IN 1989)

Female:

(Repeat WEEKS WORKED IN 1989 AND USUAL HOURS WORKED  
 PER WEEK IN 1989 By INCOME IN 1989)

- PB93A. MEDIAN INCOME IN 1989(1) BY SEX(2) ..... 2  
 Universe: Persons 15 years and over  
 with income in 1989  
 Median income in 1989:  
     Male  
     Female
- PB93B. MEDIAN INCOME IN 1989(1) BY SEX(2) BY WEEKS WORKED  
 IN 1989 AND USUAL HOURS WORKED PER WEEK IN 1989(2) ..... 4  
 Universe: Persons 15 years and over  
 with income in 1989  
 Median income in 1989:  
     Male:  
         Worked year round full time in 1989  
         Other  
     Female:  
         (Repeat WEEKS WORKED IN 1989 AND USUAL  
         HOURS WORKED PER WEEK IN 1989)
- PB94. AGGREGATE INCOME IN 1989(1) BY SEX(2) BY WEEKS  
 WORKED IN 1989 AND USUAL HOURS WORKED  
 PER WEEK IN 1989(2) ..... 4  
 Universe: Persons 15 years and over  
 Total:  
     Male:

Worked year round full time in 1989  
 Other  
 Female:  
 (Repeat WEEKS WORKED IN 1989 AND USUAL  
 HOURS WORKED PER WEEK IN 1989)

|        |   |     |
|--------|---|-----|
| PB95.  | AGGREGATE INCOME IN 1989(1) BY GROUP QUARTERS(3) .....  | 3   |
|        | Universe: Persons 15 years and over                     |     |
|        | Total:  |     |
|        | In households   |     |
|        | In group quarters:                                      |     |
|        | Institutionalized persons                               |     |
|        | Other persons in group quarters                         |     |
| PB95A. | PER CAPITA INCOME IN 1989(1) .....                      | 1   |
|        | Universe: Persons                                       |     |
|        | Per capita income in 1989                               |     |
| PB95B. | PER CAPITA INCOME IN 1989(1) BY GROUP QUARTERS(3) ..... | 3   |
|        | Universe: Persons                                       |     |
|        | Per capita income in 1989:                              |     |
|        | In households   |     |
|        | In group quarters:                                      |     |
|        | Institutionalized persons                               |     |
|        | Other persons in group quarters                         |     |
| PB96.  | FAMILY TYPE AND AGE OF HOUSEHOLDER AND FAMILY           |     |
|        | INCOME IN 1989(216) .....                               | 216 |
|        | Universe: Families                                      |     |
|        | Married-couple family:                                  |     |
|        | Householder 15 to 24 years:                             |     |
|        | Less than \$5,000                                       |     |
|        | \$5,000 to \$9,999                                      |     |
|        | \$10,000 to \$14,999                                    |     |
|        | \$15,000 to \$24,999                                    |     |
|        | \$25,000 to \$34,999                                    |     |
|        | \$35,000 to \$49,999                                    |     |
|        | \$50,000 to \$74,999                                    |     |
|        | \$75,000 to \$99,999                                    |     |
|        | \$100,000 or more                                       |     |
|        | Householder 25 to 34 years:                             |     |
|        | Less than \$5,000                                       |     |
|        | \$5,000 to \$9,999                                      |     |
|        | \$10,000 to \$14,999                                    |     |
|        | \$15,000 to \$24,999                                    |     |
|        | \$25,000 to \$34,999                                    |     |
|        | \$35,000 to \$49,999                                    |     |
|        | \$50,000 to \$74,999                                    |     |
|        | \$75,000 to \$99,999                                    |     |
|        | \$100,000 or more                                       |     |
|        | Householder 35 to 44 years:                             |     |

Less than \$5,000  
\$5,000 to \$9,999  
\$10,000 to \$14,999  
\$15,000 to \$24,999  
\$25,000 to \$34,999  
\$35,000 to \$49,999  
\$50,000 to \$74,999  
\$75,000 to \$99,999  
\$100,000 or more

Householder 45 to 54 years:  
Less than \$5,000  
\$5,000 to \$9,999  
\$10,000 to \$14,999  
\$15,000 to \$24,999  
\$25,000 to \$34,999  
\$35,000 to \$49,999  
\$50,000 to \$74,999  
\$75,000 to \$99,999  
\$100,000 or more

Householder 55 to 59 years:  
Less than \$5,000  
\$5,000 to \$9,999  
\$10,000 to \$14,999  
\$15,000 to \$24,999  
\$25,000 to \$34,999  
\$35,000 to \$49,999  
\$50,000 to \$74,999  
\$75,000 to \$99,999  
\$100,000 or more

Householder 60 to 64 years:  
Less than \$5,000  
\$5,000 to \$9,999  
\$10,000 to \$14,999  
\$15,000 to \$24,999  
\$25,000 to \$34,999  
\$35,000 to \$49,999  
\$50,000 to \$74,999  
\$75,000 to \$99,999  
\$100,000 or more

Householder 65 to 74 years:  
Less than \$5,000  
\$5,000 to \$9,999  
\$10,000 to \$14,999  
\$15,000 to \$24,999  
\$25,000 to \$34,999  
\$35,000 to \$49,999  
\$50,000 to \$74,999  
\$75,000 to \$99,999  
\$100,000 or more

Householder 75 years and over:  
Less than \$5,000



\$5,000 to \$9,999  
 \$10,000 to \$14,999  
 \$15,000 to \$24,999  
 \$25,000 to \$34,999  
 \$35,000 to \$49,999  
 \$50,000 to \$74,999  
 \$75,000 to \$99,999  
 \$100,000 or more

Other family:

Male householder, no wife present:

Householder 15 to 24 years:

Less than \$5,000  
 \$5,000 to \$9,999  
 \$10,000 to \$14,999  
 \$15,000 to \$24,999  
 \$25,000 to \$34,999  
 \$35,000 to \$49,999  
 \$50,000 to \$74,999  
 \$75,000 to \$99,999  
 \$100,000 or more

Householder 25 to 34 years:

Less than \$5,000  
 \$5,000 to \$9,999  
 \$10,000 to \$14,999  
 \$15,000 to \$24,999  
 \$25,000 to \$34,999  
 \$35,000 to \$49,999  
 \$50,000 to \$74,999  
 \$75,000 to \$99,999  
 \$100,000 or more

Householder 35 to 44 years:

Less than \$5,000  
 \$5,000 to \$9,999  
 \$10,000 to \$14,999  
 \$15,000 to \$24,999  
 \$25,000 to \$34,999  
 \$35,000 to \$49,999  
 \$50,000 to \$74,999  
 \$75,000 to \$99,999  
 \$100,000 or more

Householder 45 to 54 years:

Less than \$5,000  
 \$5,000 to \$9,999  
 \$10,000 to \$14,999  
 \$15,000 to \$24,999  
 \$25,000 to \$34,999  
 \$35,000 to \$49,999  
 \$50,000 to \$74,999  
 \$75,000 to \$99,999  
 \$100,000 or more

Householder 55 to 59 years:

Less than \$5,000  
\$5,000 to \$9,999  
\$10,000 to \$14,999  
\$15,000 to \$24,999  
\$25,000 to \$34,999  
\$35,000 to \$49,999  
\$50,000 to \$74,999  
\$75,000 to \$99,999  
\$100,000 or more

Householder 60 to 64 years:  
Less than \$5,000  
\$5,000 to \$9,999  
\$10,000 to \$14,999  
\$15,000 to \$24,999  
\$25,000 to \$34,999  
\$35,000 to \$49,999  
\$50,000 to \$74,999  
\$75,000 to \$99,999  
\$100,000 or more

Householder 65 to 74 years:  
Less than \$5,000  
\$5,000 to \$9,999  
\$10,000 to \$14,999  
\$15,000 to \$24,999  
\$25,000 to \$34,999  
\$35,000 to \$49,999  
\$50,000 to \$74,999  
\$75,000 to \$99,999  
\$100,000 or more

Householder 75 years and over:  
Less than \$5,000  
\$5,000 to \$9,999  
\$10,000 to \$14,999  
\$15,000 to \$24,999  
\$25,000 to \$34,999  
\$35,000 to \$49,999  
\$50,000 to \$74,999  
\$75,000 to \$99,999  
\$100,000 or more

Female householder, no husband present:  
Householder 15 to 24 years:  
Less than \$5,000  
\$5,000 to \$9,999  
\$10,000 to \$14,999  
\$15,000 to \$24,999  
\$25,000 to \$34,999  
\$35,000 to \$49,999  
\$50,000 to \$74,999  
\$75,000 to \$99,999  
\$100,000 or more

Householder 25 to 34 years:

Less than \$5,000  
 \$5,000 to \$9,999  
 \$10,000 to \$14,999  
 \$15,000 to \$24,999  
 \$25,000 to \$34,999  
 \$35,000 to \$49,999  
 \$50,000 to \$74,999  
 \$75,000 to \$99,999  
 \$100,000 or more  
 Householder 35 to 44 years:  
 Less than \$5,000  
 \$5,000 to \$9,999  
 \$10,000 to \$14,999  
 \$15,000 to \$24,999  
 \$25,000 to \$34,999  
 \$35,000 to \$49,999  
 \$50,000 to \$74,999  
 \$75,000 to \$99,999  
 \$100,000 or more  
 Householder 45 to 54 years:  
 Less than \$5,000  
 \$5,000 to \$9,999  
 \$10,000 to \$14,999  
 \$15,000 to \$24,999  
 \$25,000 to \$34,999  
 \$35,000 to \$49,999  
 \$50,000 to \$74,999  
 \$75,000 to \$99,999  
 \$100,000 or more  
 Householder 55 to 59 years:  
 Less than \$5,000  
 \$5,000 to \$9,999  
 \$10,000 to \$14,999  
 \$15,000 to \$24,999  
 \$25,000 to \$34,999  
 \$35,000 to \$49,999  
 \$50,000 to \$74,999  
 \$75,000 to \$99,999  
 \$100,000 or more  
 Householder 60 to 64 years:  
 Less than \$5,000  
 \$5,000 to \$9,999  
 \$10,000 to \$14,999  
 \$15,000 to \$24,999  
 \$25,000 to \$34,999  
 \$35,000 to \$49,999  
 \$50,000 to \$74,999  
 \$75,000 to \$99,999  
 \$100,000 or more  
 Householder 65 to 74 years:  
 Less than \$5,000

\$5,000 to \$9,999  
 \$10,000 to \$14,999  
 \$15,000 to \$24,999  
 \$25,000 to \$34,999  
 \$35,000 to \$49,999  
 \$50,000 to \$74,999  
 \$75,000 to \$99,999  
 \$100,000 or more  
 Householder 75 years and over:  
 Less than \$5,000  
 \$5,000 to \$9,999  
 \$10,000 to \$14,999  
 \$15,000 to \$24,999  
 \$25,000 to \$34,999  
 \$35,000 to \$49,999  
 \$50,000 to \$74,999  
 \$75,000 to \$99,999  
 \$100,000 or more

PB97. AGGREGATE FAMILY INCOME IN 1989(1) BY FAMILY TYPE  
 AND AGE OF HOUSEHOLDER(24) ..... 24

Universe: Families

Total:

Married-couple family:

Householder 15 to 24 years  
 Householder 25 to 34 years  
 Householder 35 to 44 years  
 Householder 45 to 54 years  
 Householder 55 to 59 years  
 Householder 60 to 64 years  
 Householder 65 to 74 years  
 Householder 75 years and over

Other family:

Male householder, no wife present:

Householder 15 to 24 years  
 Householder 25 to 34 years  
 Householder 35 to 44 years  
 Householder 45 to 54 years  
 Householder 55 to 59 years  
 Householder 60 to 64 years  
 Householder 65 to 74 years  
 Householder 75 years and over

Female householder, no husband present:

Householder 15 to 24 years  
 Householder 25 to 34 years  
 Householder 35 to 44 years  
 Householder 45 to 54 years  
 Householder 55 to 59 years  
 Householder 60 to 64 years  
 Householder 65 to 74 years  
 Householder 75 years and over

PB98. AGE(3) BY HOUSEHOLD TYPE AND INCOME IN 1989(12) ..... 36  
 Universe: Persons 60 years and over  
 60 to 64 years:  
     In households:  
         Living alone:  
             No income  
             With income:  
                 \$1 to \$4,999 or loss  
                 \$5,000 to \$9,999  
                 \$10,000 to \$14,999  
                 \$15,000 to \$24,999  
                 \$25,000 to \$34,999  
                 \$35,000 to \$49,999  
                 \$50,000 or more  
         Not living alone:  
             With income  
             No income  
     In group quarters:  
         With income  
         No income  
 65 to 74 years:  
     (Repeat HOUSEHOLD TYPE AND INCOME IN 1989)  
 75 years and over:  
     (Repeat HOUSEHOLD TYPE AND INCOME IN 1989)

PB99. AGGREGATE INCOME IN 1989(1) BY AGE(3)  
 BY HOUSEHOLD TYPE(3) ..... 9  
 Universe: Persons 60 years and over  
 Total:  
     60 to 64 years:  
         In households:  
             Living alone  
             Not living alone  
         In group quarters  
     65 to 74 years:  
         (Repeat HOUSEHOLD TYPE)  
     75 years and over:  
         (Repeat HOUSEHOLD TYPE)

PB100. POVERTY STATUS IN 1989(2) BY SEX(2) BY AGE(16) ..... 64  
 Universe: Persons for whom poverty status  
     is determined  
 Income in 1989 above poverty level:  
     Male:  
         Under 1 year  
         1 year  
         2 years  
         3 years  
         4 years  
         5 years  
         6 years

7 years  
 8 to 11 years  
 12 to 17 years  
 18 to 24 years  
 25 to 44 years  
 45 to 59 years  
 60 to 64 years  
 65 to 74 years  
 75 years and over

Female:  
 (Repeat AGE)

Income in 1989 below poverty level:  
 (Repeat SEX By AGE)

PB101. AGE(9) BY RATIO OF INCOME IN 1989  
 TO POVERTY LEVEL(9) ..... 81  
 Universe: Persons for whom poverty status  
 is determined  
 Under 5 years:  
 Under .50  
 .50 to .74  
 .75 to .99  
 1.00 to 1.24  
 1.25 to 1.49  
 1.50 to 1.74  
 1.75 to 1.84  
 1.85 to 1.99  
 2.00 and over  
 5 to 11 years:  
 (Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL)  
 12 to 17 years:  
 (Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL)  
 18 to 24 years:  
 (Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL)  
 25 to 44 years:  
 (Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL)  
 45 to 59 years:  
 (Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL)  
 60 to 64 years:  
 (Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL)  
 65 to 74 years:  
 (Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL)  
 75 years and over:  
 (Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL)

PB102. POVERTY STATUS IN 1989(2) BY FAMILY TYPE AND  
 PRESENCE AND AGE OF CHILDREN(12) ..... 24  
 Universe: Families  
 Income in 1989 above poverty level:  
 Married-couple family:  
 With related children under 18 years:

Under 5 years only  
 5 to 17 years only  
 Under 5 years and 5 to 17 years  
 No related children under 18 years  
 Other family:  
   Male householder, no wife present:  
     With related children under 18 years:  
       Under 5 years only  
       5 to 17 years only  
       Under 5 years and 5 to 17 years  
     No related children under 18 years  
   Female householder, no husband present:  
     With related children under 18 years:  
       Under 5 years only  
       5 to 17 years only  
       Under 5 years and 5 to 17 years  
     No related children under 18 years  
 Income in 1989 below poverty level:  
 (Repeat FAMILY TYPE AND PRESENCE AND  
 AGE OF CHILDREN)

|        |  |    |
|--------|--|----|
| PB103. | POVERTY STATUS IN 1989(2) BY FAMILY TYPE<br>AND AGE(15) .....            | 30 |
|        | Universe: Related children under 18 years                                |    |
|        | Income in 1989 above poverty level:                                      |    |
|        | In married-couple family:  |    |
|        | Under 3 years  |    |
|        | 3 and 4 years  |    |
|        | 5 years  |    |
|        | 6 to 11 years  |    |
|        | 12 to 17 years   |    |
|        | In other family:   |    |
|        | Male householder, no wife present:                                       |    |
|        | Under 3 years  |    |
|        | 3 and 4 years  |    |
|        | 5 years  |    |
|        | 6 to 11 years  |    |
|        | 12 to 17 years   |    |
|        | Female householder, no husband present:                                  |    |
|        | Under 3 years  |    |
|        | 3 and 4 years  |    |
|        | 5 years  |    |
|        | 6 to 11 years  |    |
|        | 12 to 17 years   |    |
|        | Income in 1989 below poverty level:<br>(Repeat FAMILY TYPE AND AGE)      |    |
| PB104. | POVERTY STATUS IN 1989(2) BY TENURE(2)<br>BY AGE OF HOUSEHOLDER(4) ..... | 16 |
|        | Universe: Families   |    |
|        | Income in 1989 above poverty level:                                      |    |

Owner occupied:  
 Householder 15 to 59 years  
 Householder 60 to 64 years  
 Householder 65 to 74 years  
 Householder 75 years and over  
 Renter occupied:  
 (Repeat AGE OF HOUSEHOLDER)  
 Income in 1989 below poverty level:  
 (Repeat TENURE By AGE OF HOUSEHOLDER)

PB105. POVERTY STATUS IN 1989(2) BY FAMILY TYPE AND WORK  
 EXPERIENCE OF HOUSEHOLDER IN 1989(15) ..... 30

Universe: Families  
 Income in 1989 above poverty level:  
 Married-couple family:  
 Householder worked year round full time in 1989:  
 Spouse worked year round full time in 1989  
 Spouse worked less than year round full time  
 in 1989  
 Spouse did not work in 1989  
 Householder worked less than year round full time  
 in 1989:  
 Spouse worked year round full time in 1989  
 Spouse worked less than year round full time in 1989  
 Spouse did not work in 1989  
 Householder did not work in 1989:  
 Spouse worked year round full time in 1989  
 Spouse worked less than year round full time in 1989  
 Spouse did not work in 1989  
 Other family:  
 Male householder, no wife present:  
 Householder worked year round full time in 1989  
 Householder worked less than year round full time  
 in 1989  
 Householder did not work in 1989  
 Female householder, no husband present:  
 Householder worked year round full time in 1989  
 Householder worked less than year round full time  
 in 1989  
 Householder did not work in 1989  
 Income in 1989 below poverty level:  
 (Repeat FAMILY TYPE AND WORK EXPERIENCE  
 OF HOUSEHOLDER IN 1989)

PB106. POVERTY STATUS IN 1989(2) BY FAMILY TYPE  
 AND EDUCATIONAL ATTAINMENT OF HOUSEHOLDER(6) ..... 12

Universe: Families  
 Income in 1989 above poverty level:  
 Married-couple family:  
 Householder a high school graduate  
 Householder not a high school graduate



Other family:  
 Male householder, no wife present:  
   Householder a high school graduate  
   Householder not a high school graduate  
 Female householder, no husband present:  
   Householder a high school graduate  
   Householder not a high school graduate  
 Income in 1989 below poverty level:  
 (Repeat FAMILY TYPE AND EDUCATIONAL ATTAINMENT  
 OF HOUSEHOLDER)

|        |   |    |
|--------|---|----|
| PB107. | POVERTY STATUS IN 1989(2) BY WORK DISABILITY STATUS<br>OF HOUSEHOLDER(2) .....            | 4  |
|        | Universe: Families with householder 16 to 64 years  |    |
|        | Income in 1989 above poverty level:   |    |
|        | Householder with a work disability  |    |
|        | Householder with no work disability   |    |
|        | Income in 1989 below poverty level:<br>(Repeat WORK DISABILITY STATUS OF HOUSEHOLDER)     |    |
| PB108. | POVERTY STATUS IN 1989(2) BY NATIVITY AND YEAR OF<br>ENTRY OF HOUSEHOLDER(4) .....        | 8  |
|        | Universe: Families  |    |
|        | Income in 1989 above poverty level:   |    |
|        | Householder native  |    |
|        | Householder foreign born:   |    |
|        | Immigrated 1985 to 1990   |    |
|        | Immigrated 1980 to 1984   |    |
|        | Immigrated before 1980  |    |
|        | Income in 1989 below poverty level:<br>(Repeat NATIVITY AND YEAR OF ENTRY OF HOUSEHOLDER) |    |
| PB109. | POVERTY STATUS IN 1989(2) BY FAMILY TYPE<br>AND AGE OF HOUSEHOLDER(18) .....              | 36 |
|        | Universe: Families  |    |
|        | Income in 1989 above poverty level:   |    |
|        | Married-couple family:  |    |
|        | Householder 15 to 24 years  |    |
|        | Householder 25 to 44 years  |    |
|        | Householder 45 to 59 years  |    |
|        | Householder 60 to 64 years  |    |
|        | Householder 65 to 74 years  |    |
|        | Householder 75 years and over   |    |
|        | Other family:   |    |
|        | Male householder, no wife present:  |    |
|        | Householder 15 to 24 years  |    |
|        | Householder 25 to 44 years  |    |
|        | Householder 45 to 59 years  |    |
|        | Householder 60 to 64 years  |    |
|        | Householder 65 to 74 years  |    |
|        | Householder 75 years and over   |    |

Female householder, no husband present:  
 Householder 15 to 24 years  
 Householder 25 to 44 years  
 Householder 45 to 59 years  
 Householder 60 to 64 years  
 Householder 65 to 74 years  
 Householder 75 years and over  
 Income in 1989 below poverty level:  
 (Repeat FAMILY TYPE AND AGE OF HOUSEHOLDER)

PB110. POVERTY STATUS IN 1989(2) BY FAMILY TYPE AND PUBLIC ASSISTANCE INCOME IN 1989(6) ..... 12

Universe: Families  
 Income in 1989 above poverty level:  
 Married-couple family:  
 With public assistance income  
 No public assistance income  
 Other family:  
 Male householder, no wife present:  
 With public assistance income  
 No public assistance income  
 Female householder, no husband present:  
 With public assistance income  
 No public assistance income  
 Income in 1989 below poverty level:  
 (Repeat FAMILY TYPE AND PUBLIC ASSISTANCE INCOME IN 1989)

PB111. POVERTY STATUS IN 1989(2) BY FAMILY TYPE AND SOCIAL SECURITY INCOME IN 1989(6) ..... 12

Universe: Families  
 Income in 1989 above poverty level:  
 Married-couple family:  
 With Social Security income  
 No Social Security income  
 Other family:  
 Male householder, no wife present:  
 With Social Security income  
 No Social Security income  
 Female householder, no husband present:  
 With Social Security income  
 No Social Security income  
 Income in 1989 below poverty level:  
 (Repeat FAMILY TYPE AND SOCIAL SECURITY INCOME IN 1989)

PB112. AGGREGATE INCOME DEFICIT IN 1989(1) BY FAMILY TYPE(3) .... 3

Universe: Families with income below the poverty level in 1989  
 Total:  
 Married-couple family

Other family:  
 Male householder, no wife present  
 Female householder, no husband present

|        |   |     |
|--------|---|-----|
| PB113. | AGGREGATE INCOME DEFICIT IN 1989(1) BY SEX(2) .....   | 2   |
|        | Universe: Unrelated individuals with income<br>below poverty level in 1989                                |     |
|        | Total:  |     |
|        | Male  |     |
|        | Female  |     |
| PB114. | POVERTY STATUS IN 1989(2) BY SEX(2) .....   | 4   |
|        | Universe: Unrelated individuals for whom<br>poverty status is determined                                  |     |
|        | Income in 1989 above poverty level:   |     |
|        | Male  |     |
|        | Female  |     |
|        | Income in 1989 below poverty level:   |     |
|        | (Repeat SEX)  |     |
| PB115. | POVERTY STATUS IN 1989(2) BY SEX(2) BY AGE(5)<br>BY HOUSEHOLD TYPE AND RELATIONSHIP(5) .....              | 100 |
|        | Universe: Unrelated individuals for whom<br>poverty status is determined                                  |     |
|        | Income in 1989 above poverty level:   |     |
|        | Male:   |     |
|        | Under 25 years:   |     |
|        | Nonfamily householder:  |     |
|        | Living alone  |     |
|        | Not living alone  |     |
|        | Other unrelated individuals:  |     |
|        | In family households  |     |
|        | In nonfamily households   |     |
|        | In group quarters   |     |
|        | 25 to 59 years:   |     |
|        | (Repeat HOUSEHOLD TYPE AND RELATIONSHIP)  |     |
|        | 60 to 64 years:   |     |
|        | (Repeat HOUSEHOLD TYPE AND RELATIONSHIP)  |     |
|        | 65 to 74 years:   |     |
|        | (Repeat HOUSEHOLD TYPE AND RELATIONSHIP)  |     |
|        | 75 years and over   |     |
|        | (Repeat HOUSEHOLD TYPE AND RELATIONSHIP)  |     |
|        | Female:   |     |
|        | (Repeat AGE By HOUSEHOLD TYPE AND RELATIONSHIP)   |     |
|        | Income in 1989 below poverty level:   |     |
|        | (Repeat SEX By AGE By HOUSEHOLD TYPE AND RELATIONSHIP)  |     |
| PB116. | POVERTY STATUS IN 1989(2) BY AGE OF HOUSEHOLDER,<br>HOUSEHOLD TYPE AND RELATIONSHIP, AND TENURE(17) ..... | 34  |
|        | Universe: Unrelated individuals for whom<br>poverty status is determined                                  |     |

Income in 1989 above poverty level:  
 In households:  
   Householder 15 to 64 years:  
     Nonfamily householder  
       Living alone:  
         In owner-occupied housing units  
         In renter-occupied housing units  
       Not living alone:  
         In owner-occupied housing units  
         In renter-occupied housing units  
     Other persons in households:  
       In family households:  
         In owner-occupied housing units  
         In renter-occupied housing units  
       In nonfamily households:  
         In owner-occupied housing units  
         In renter-occupied housing units  
   Householder 65 years and over:  
     Nonfamily householder:  
       Living alone:  
         In owner-occupied housing units  
         In renter-occupied housing units  
       Not living alone:  
         In owner-occupied housing units  
         In renter-occupied housing units  
     Other persons in households:  
       In family households:  
         In owner-occupied housing units  
         In renter-occupied housing units  
       In nonfamily households:  
         In owner-occupied housing units  
         In renter-occupied housing units  
   In group quarters  
 Income in 1989 below poverty level:  
 (Repeat AGE OF HOUSEHOLDER, HOUSEHOLD TYPE  
 AND RELATIONSHIP, AND TENURE)

PB117. POVERTY STATUS IN 1989(2) BY HOUSEHOLD TYPE AND  
 RELATIONSHIP AND WORK EXPERIENCE IN 1989(15) ..... 30  
 Universe: Unrelated individuals for whom  
 poverty status is determined  
 Income in 1989 above poverty level:  
   Nonfamily householder  
     Living alone:  
       Worked year round full time in 1989  
       Worked less than year round full time in 1989  
       Did not work in 1989  
     Not living alone:  
       Worked year round full time in 1989  
       Worked less than year round full time in 1989  
       Did not work in 1989

Other unrelated individuals:  
 In family households:  
     Worked year round full time in 1989  
     Worked less than year round full time in 1989  
     Did not work in 1989  
 In nonfamily households:  
     Worked year round full time in 1989  
     Worked less than year round full time in 1989  
     Did not work in 1989  
 In group quarters:  
     Worked year round full time in 1989  
     Worked less than year round full time in 1989  
     Did not work in 1989  
 Income in 1989 below poverty level:  
 (Repeat HOUSEHOLD TYPE AND RELATIONSHIP AND  
 WORK EXPERIENCE IN 1989)

PB118. POVERTY STATUS IN 1989(2) BY HOUSEHOLD TYPE AND  
 RELATIONSHIP AND EDUCATIONAL ATTAINMENT(10) ..... 20

Universe: Unrelated individuals for whom  
 poverty status is determined  
 Income in 1989 above poverty level:

Nonfamily householder:  
 Living alone:  
     High school graduate  
     Not high school graduate  
 Not living alone:  
     High school graduate  
     Not high school graduate  
 Other unrelated individuals:  
 In family households:  
     High school graduate  
     Not high school graduate  
 In nonfamily households:  
     High school graduate  
     Not high school graduate  
 In group quarters:  
     High school graduate  
     Not high school graduate  
 Income in 1989 below poverty level:  
 (Repeat HOUSEHOLD TYPE AND RELATIONSHIP AND  
 EDUCATIONAL ATTAINMENT)

PB119. POVERTY STATUS IN 1989(2) BY HOUSEHOLD TYPE AND  
 RELATIONSHIP AND WORK DISABILITY STATUS(10) ..... 20

Universe: Unrelated individuals for whom  
 poverty status is determined  
 Income in 1989 above poverty level:  
 Nonfamily householder:  
 Living alone:  
     With a work disability

No work disability  
 Not living alone:  
     With a work disability  
     No work disability  
 Other unrelated individuals:  
     In family households:  
         With a work disability  
         No work disability  
     In nonfamily households:  
         With a work disability  
         No work disability  
     In group quarters:  
         With a work disability  
         No work disability  
 Income in 1989 below poverty level:  
 (Repeat HOUSEHOLD TYPE AND RELATIONSHIP AND  
 WORK DISABILITY STATUS)

PB120. POVERTY STATUS IN 1989(2) BY HOUSEHOLD TYPE AND  
 RELATIONSHIP, NATIVITY, AND YEAR OF ENTRY(20) ..... 40  
 Universe: Unrelated individuals for whom  
 poverty status is determined  
 Income in 1989 above poverty level:  
     Nonfamily householder:  
         Living alone:  
             Native  
             Foreign born:  
                 Immigrated 1985 to 1990  
                 Immigrated 1980 to 1984  
                 Immigrated before 1980  
         Not living alone:  
             Native  
             Foreign born:  
                 Immigrated 1985 to 1990  
                 Immigrated 1980 to 1984  
                 Immigrated before 1980  
     Other unrelated individuals:  
         In family households:  
             Native  
             Foreign born:  
                 Immigrated 1985 to 1990  
                 Immigrated 1980 to 1984  
                 Immigrated before 1980  
         In nonfamily households:  
             Native  
             Foreign born:  
                 Immigrated 1985 to 1990  
                 Immigrated 1980 to 1984  
                 Immigrated before 1980  
         In group quarters:  
             Native

Foreign born:  
 Immigrated 1985 to 1990  
 Immigrated 1980 to 1984  
 Immigrated before 1980  
 Income in 1989 below poverty level:  
 (Repeat HOUSEHOLD TYPE AND RELATIONSHIP, NATIVITY,  
 AND YEAR OF ENTRY)

PB121. POVERTY STATUS IN 1989(2) BY HOUSEHOLD TYPE  
 AND RELATIONSHIP AND PUBLIC ASSISTANCE INCOME  
 IN 1989(10) ..... 20  
 Universe: Unrelated individuals for whom  
 poverty status is determined  
 Income in 1989 above poverty level:  
 Nonfamily householder:  
   Living alone:  
     With public assistance income  
     No public assistance income  
   Not living alone:  
     With public assistance income  
     No public assistance income  
 Other unrelated individuals:  
   In family households:  
     With public assistance income  
     No public assistance income  
   In nonfamily households:  
     With public assistance income  
     No public assistance income  
   In group quarters:  
     With public assistance income  
     No public assistance income  
 Income in 1989 below poverty level:  
 (Repeat HOUSEHOLD TYPE AND RELATIONSHIP AND  
 PUBLIC ASSISTANCE INCOME IN 1989)

PB122. POVERTY STATUS IN 1989(2) BY HOUSEHOLD TYPE  
 AND RELATIONSHIP AND SOCIAL SECURITY INCOME  
 IN 1989(10) ..... 20  
 Universe: Unrelated individuals for whom  
 poverty status is determined  
 Income in 1989 above poverty level:  
 Nonfamily householder:  
   Living alone:  
     With Social Security income  
     No Social Security income  
   Not living alone:  
     With Social Security income  
     No Social Security income  
 Other unrelated individuals:  
   In family households:  
     With Social Security income

No Social Security income  
 In nonfamily households:  
     With Social Security income  
     No Social Security income  
 In group quarters:  
     With Social Security income  
     No Social Security income  
 Income in 1989 below poverty level:  
 (Repeat HOUSEHOLD TYPE AND RELATIONSHIP AND  
 SOCIAL SECURITY INCOME IN 1989)

|        |                                       |   |
|--------|---------------------------------------|---|
| PB123. | IMPUTATION OF RELATIONSHIP(2) .....   | 2 |
|        | Universe: Persons in households       |   |
|        | Allocated                             |   |
|        | Not allocated                         |   |
| PB124. | IMPUTATION OF GROUP QUARTERS(2) ..... | 2 |
|        | Universe: Persons in group quarters   |   |
|        | Allocated                             |   |
|        | Not allocated                         |   |
| PB125. | IMPUTATION OF SEX(2) .....            | 2 |
|        | Universe: Persons                     |   |
|        | Allocated                             |   |
|        | Not allocated                         |   |
| PB126. | IMPUTATION OF AGE(2) .....            | 2 |
|        | Universe: Persons                     |   |
|        | Allocated                             |   |
|        | Not allocated                         |   |
| PB127. | IMPUTATION OF MARITAL STATUS(2) ..... | 2 |
|        | Universe: Persons 15 years and over   |   |
|        | Allocated                             |   |
|        | Not allocated                         |   |
| PB128. | IMPUTATION OF PLACE OF BIRTH(2) ..... | 2 |
|        | Universe: Persons                     |   |
|        | Allocated                             |   |
|        | Not allocated                         |   |
| PB129. | IMPUTATION OF CITIZENSHIP(2) .....    | 2 |
|        | Universe: Persons                     |   |
|        | Allocated                             |   |
|        | Not allocated                         |   |
| PB130. | IMPUTATION OF YEAR OF ENTRY(2) .....  | 2 |
|        | Universe: Foreign-born persons        |   |
|        | Allocated                             |   |
|        | Not allocated                         |   |



|        |   |   |
|--------|---|---|
| PB131. | IMPUTATION OF SCHOOL ENROLLMENT(2) .....          | 2 |
|        | Universe: Persons 3 years and over                |   |
|        | Allocated   |   |
|        | Not allocated                                     |   |
| PB132. | IMPUTATION OF EDUCATIONAL ATTAINMENT(2) .....     | 2 |
|        | Universe: Persons 25 years and over               |   |
|        | Allocated   |   |
|        | Not allocated                                     |   |
| PB133. | IMPUTATION OF RESIDENCE IN 1985(4) .....          | 4 |
|        | Universe: Persons 5 years and over                |   |
|        | Different house in 1985:                          |   |
|        | Allocated:  |   |
|        | One or more but not all                           |   |
|        | geographic parts allocated                        |   |
|        | All geographic parts allocated                    |   |
|        | Not allocated                                     |   |
|        | Same house in 1985                                |   |
| PB134. | IMPUTATION OF LANGUAGE STATUS(2) .....            | 2 |
|        | Universe: Persons 5 years and over                |   |
|        | Allocated   |   |
|        | Not allocated                                     |   |
| PB135. | IMPUTATION OF LANGUAGE SPOKEN AT HOME(3) .....    | 3 |
|        | Universe: Persons 5 years and over                |   |
|        | Speak only English                                |   |
|        | Speak other language:                             |   |
|        | Allocated   |   |
|        | Not allocated                                     |   |
| PB136. | IMPUTATION OF ABILITY TO SPEAK ENGLISH(3) .....   | 3 |
|        | Universe: Persons 5 years and over                |   |
|        | Speak only English                                |   |
|        | Speak other language:                             |   |
|        | Allocated   |   |
|        | Not allocated                                     |   |
| PB137. | IMPUTATION OF VETERAN STATUS(2) .....             | 2 |
|        | Universe: Persons 16 years and over               |   |
|        | Allocated   |   |
|        | Not allocated                                     |   |
| PB138. | IMPUTATION OF PERIOD OF MILITARY SERVICE(2) ..... | 2 |
|        | Universe: Civilian veterans 16 years and over     |   |
|        | Allocated   |   |
|        | Not allocated                                     |   |
| PB139. | IMPUTATION OF WORK DISABILITY STATUS(2) .....     | 2 |
|        | Universe: Civilian noninstitutionalized           |   |

|        |   |   |
|--------|---|---|
|        | persons 16 years and over<br>Allocated<br>Not allocated   |   |
| PB140. | IMPUTATION OF MOBILITY LIMITATION STATUS(2) .....<br>Universe: Civilian noninstitutionalized<br>persons 16 years and over<br>Allocated<br>Not allocated   | 2 |
| PB141. | IMPUTATION OF SELF-CARE LIMITATION STATUS(2) .....<br>Universe: Civilian noninstitutionalized<br>persons 16 years and over<br>Allocated<br>Not allocated  | 2 |
| PB142. | IMPUTATION OF CHILDREN EVER BORN(2) .....<br>Universe: Females 15 years and over<br>Allocated<br>Not allocated  | 2 |
| PB143. | IMPUTATION OF PLACE OF WORK(3) .....<br>Universe: Workers 16 years and over<br>Allocated:<br>One or more but not all geographic parts allocated<br>All geographic pans allocated<br>Not allocated | 3 |
| PB144. | IMPUTATION OF MEANS OF TRANSPORTATION TO WORK(2) .....<br>Universe: Workers 16 years and over<br>Allocated<br>Not allocated   | 2 |
| PB145. | IMPUTATION OF PRIVATE VEHICLE OCCUPANCY(3) .....<br>Universe: Workers 16 years and over<br>Car, truck, or van:<br>Allocated<br>Not allocated<br>Other means                                       | 3 |
| PB146. | IMPUTATION OF TIME LEAVING HOME TO GO TO WORK(3) .....<br>Universe: Workers 16 years and over<br>Did not work at home:<br>Allocated<br>Not allocated<br>Worked at home                            | 3 |
| PB147. | IMPUTATION OF TRAVEL TIME TO WORK(3) .....<br>Universe: Workers 16 years and over<br>Did not work at home:<br>Allocated   | 3 |

|        |  |   |
|--------|--|---|
|        | Not allocated  |   |
|        | Worked at home   |   |
| PB148. | IMPUTATION OF EMPLOYMENT STATUS(2) .....                   | 2 |
|        | Universe: Persons 16 years and over                        |   |
|        | Allocated  |   |
|        | Not allocated  |   |
| PB149. | IMPUTATION OF WORK STATUS IN 1989(2) .....                 | 2 |
|        | Universe: Persons 16 years and over                        |   |
|        | Allocated  |   |
|        | Not allocated  |   |
| PB150. | IMPUTATION OF USUAL HOURS WORKED PER WEEK IN 1989(3) ..... | 3 |
|        | Universe: Persons 16 years and over                        |   |
|        | Worked in 1989:  |   |
|        | Allocated  |   |
|        | Not allocated  |   |
|        | Did not work in 1989                                       |   |
| PB151. | IMPUTATION OF WEEKS WORKED IN 1989(3) .....                | 3 |
|        | Universe: Persons 16 years and over                        |   |
|        | Worked in 1989:  |   |
|        | Allocated  |   |
|        | Not allocated  |   |
|        | Did not work in 1989                                       |   |
| PB152. | IMPUTATION OF INDUSTRY(2) .....                            | 2 |
|        | Universe: Employed persons 16 years and over               |   |
|        | Allocated  |   |
|        | Not allocated  |   |
| PB153. | IMPUTATION OF OCCUPATION(2) .....                          | 2 |
|        | Universe: Employed persons 16 years and over               |   |
|        | Allocated  |   |
|        | Not allocated  |   |
| PB154. | IMPUTATION OF CLASS OF WORKER(2) .....                     | 2 |
|        | Universe: Employed persons 16 years and over               |   |
|        | Allocated  |   |
|        | Not allocated  |   |
| PB155. | IMPUTATION OF INCOME IN 1989(2) .....                      | 2 |
|        | Universe: Persons 15 years and over                        |   |
|        | Allocated  |   |
|        | Not allocated  |   |
| PB156. | IMPUTATION OF HOUSEHOLD INCOME IN 1989(2) .....            | 2 |
|        | Universe: Households                                       |   |
|        | Allocated  |   |
|        | Not allocated  |   |

|        |   |    |
|--------|---|----|
| PB157. | IMPUTATION OF FAMILY INCOME IN 1989(2) .....              | 2  |
|        | Universe: Families  |    |
|        | Allocated   |    |
|        | Not allocated   |    |
| PB158. | IMPUTATION OF NONFAMILY HOUSEHOLD INCOME IN 1989(2) ..... | 2  |
|        | Universe: Nonfamily households                            |    |
|        | Allocated   |    |
|        | Not allocated   |    |
| PB159. | IMPUTATION OF FAMILY INCOME IN 1989(2)                    |    |
|        | BY POVERTY STATUS IN 1989(2) .....                        | 4  |
|        | Universe: Families  |    |
|        | Allocated:  |    |
|        | Income in 1989 above poverty level                        |    |
|        | Income in 1989 below poverty level                        |    |
|        | Not allocated:  |    |
|        | (Repeat POVERTY STATUS IN 1989)                           |    |
| PB160. | IMPUTATION OF FAMILY OR UNRELATED INDIVIDUAL              |    |
|        | INCOME IN 1989 AND POVERTY STATUS IN 1989(6) .....        | 6  |
|        | Universe: Persons for whom poverty status                 |    |
|        | is determined   |    |
|        | In families:  |    |
|        | Family income in 1989 allocated                           |    |
|        | Family income in 1989 not allocated:                      |    |
|        | Income in 1989 above poverty level                        |    |
|        | Income in 1989 below poverty level                        |    |
|        | Unrelated individuals:                                    |    |
|        | Income in 1989 allocated                                  |    |
|        | Income in 1989 not allocated:                             |    |
|        | Income in 1989 above poverty level                        |    |
|        | Income in 1989 below poverty level                        |    |
| PB161. | IMPUTATION OF INCOME IN 1989(2) BY POVERTY STATUS         |    |
|        | IN 1989(2) .....  | 4  |
|        | Universe: Unrelated individuals for whom                  |    |
|        | poverty status is determined                              |    |
|        | Allocated:  |    |
|        | Income in 1989 above poverty level                        |    |
|        | Income in 1989 below poverty level                        |    |
|        | Not allocated:  |    |
|        | (Repeat POVERTY STATUS IN 1989)                           |    |
| HB1.   | TENURE(2) .....   | 2  |
|        | Universe: Occupied housing units                          |    |
|        | Owner occupied  |    |
|        | Renter occupied   |    |
| HB2.   | TENURE(2) BY BEDROOMS(6) .....                            | 12 |
|        | Universe: Occupied housing units                          |    |

Owner occupied:  
 No bedroom  
 1 bedroom  
 2 bedrooms  
 3 bedrooms  
 4 bedrooms  
 5 or more bedrooms  
 Renter occupied:  
 (Repeat BEDROOMS)

HB3. TENURE(2) BY YEAR STRUCTURE BUILT(8) ..... 16

Universe: Occupied housing units  
 Owner occupied:  
 1989 to March 1990  
 1985 to 1988  
 1980 to 1984  
 1970 to 1979  
 1960 to 1969  
 1950 to 1959  
 1940 to 1949  
 1939 or earlier  
 Renter occupied:  
 (Repeat YEAR STRUCTURE BUILT)

HB4. TENURE(2) BY PLUMBING FACILITIES(2) BY PERSONS  
 PER ROOM(3) ..... 12

Universe: Occupied housing units  
 Owner occupied:  
 Complete plumbing facilities:  
 1.00 or less  
 1.01 to 1.50  
 1.51 or more  
 Lacking complete plumbing facilities:  
 (Repeat PERSONS PER ROOM)  
 Renter occupied:  
 (Repeat PLUMBING FACILITIES By PERSONS PER ROOM)

HB5. TENURE(2) BY VEHICLES AVAILABLE(8) ..... 16

Universe: Occupied housing units  
 Owner occupied:  
 None  
 1  
 2  
 3  
 4  
 5  
 6  
 7 or more  
 Renter occupied:  
 (Repeat VEHICLES AVAILABLE)

|       |  |    |
|-------|--|----|
| HB6.  | AGGREGATE VEHICLES AVAILABLE(1) BY TENURE(2) .....     | 2  |
|       | Universe: Occupied housing units                       |    |
|       | Total:   |    |
|       | Owner occupied   |    |
|       | Renter occupied  |    |
| HB7.  | TENURE(2) BY YEAR HOUSEHOLDER MOVED INTO UNIT(6) ..... | 12 |
|       | Universe: Occupied housing units                       |    |
|       | Owner occupied:  |    |
|       | 1989 to March 1990                                     |    |
|       | 1985 to 1988   |    |
|       | 1980 to 1984   |    |
|       | 1970 to 1979   |    |
|       | 1960 to 1969   |    |
|       | 1959 or earlier  |    |
|       | Renter occupied:                                       |    |
|       | (Repeat YEAR HOUSEHOLDER MOVED INTO UNIT)              |    |
| HB8.  | TENURE(2) BY KITCHEN FACILITIES(2). .....              | 4  |
|       | Universe: Occupied housing units                       |    |
|       | Owner occupied:  |    |
|       | Complete kitchen facilities                            |    |
|       | Lacking complete kitchen facilities                    |    |
|       | Renter occupied:                                       |    |
|       | (Repeat KITCHEN FACILITIES)                            |    |
| HB9.  | TENURE(2) BY SOURCE OF WATER(4) .....                  | 8  |
|       | Universe: Occupied housing units                       |    |
|       | Owner occupied:  |    |
|       | Public system or private company                       |    |
|       | Individual well:                                       |    |
|       | Drilled  |    |
|       | Dug  |    |
|       | Some other source                                      |    |
|       | Renter occupied:                                       |    |
|       | (Repeat SOURCE OF WATER)                               |    |
| HB10. | TENURE(2) BY SEWAGE DISPOSAL(3) .....                  | 6  |
|       | Universe: Occupied housing units                       |    |
|       | Owner occupied:  |    |
|       | Public sewer   |    |
|       | Septic tank or cesspool                                |    |
|       | Other means  |    |
|       | Renter occupied:                                       |    |
|       | (Repeat SEWAGE DISPOSAL)                               |    |
| HB11. | TENURE(2) BY HOUSE HEATING FUEL(9) .....               | 18 |
|       | Universe: Occupied housing units                       |    |
|       | Owner occupied:  |    |
|       | Utility gas  |    |
|       | Bottled, tank, or LP gas                               |    |

Electricity  
 Fuel oil, kerosene, etc.  
 Coal or coke  
 Wood  
 Solar energy  
 Other fuel  
 No fuel used  
 Renter occupied:  
 (Repeat HOUSE HEATING FUEL)

|        |   |    |
|--------|---|----|
| HB12.  | GROSS RENT(27) .....  | 27 |
|        | Universe: Specified renter-occupied<br>housing units                  |    |
|        | With cash rent:   |    |
|        | Less than \$80  |    |
|        | \$80 to \$99  |    |
|        | \$100 to \$124  |    |
|        | \$125 to \$149  |    |
|        | \$150 to \$174  |    |
|        | \$175 to \$199  |    |
|        | \$200 to \$224  |    |
|        | \$225 to \$249  |    |
|        | \$250 to \$274  |    |
|        | \$275 to \$299  |    |
|        | \$300 to \$324  |    |
|        | \$325 to \$349  |    |
|        | \$350 to \$374  |    |
|        | \$375 to \$399  |    |
|        | \$400 to \$424  |    |
|        | \$425 to \$449  |    |
|        | \$450 to \$474  |    |
|        | \$475 to \$499  |    |
|        | \$500 to \$549  |    |
|        | \$550 to \$599  |    |
|        | \$600 to \$649  |    |
|        | \$650 to \$699  |    |
|        | \$700 to \$749  |    |
|        | \$750 to \$999  |    |
|        | \$1,000 to \$1,999  |    |
|        | \$2,000 or more   |    |
|        | No cash rent  |    |
| HB12A. | MEDIAN GROSS RENT(1) .....  | 1  |
|        | Universe: Specified renter-occupied housing units<br>paying cash rent |    |
|        | Median gross rent   |    |
| HB13.  | AGGREGATE GROSS RENT(1) .....   | 1  |
|        | Universe: Specified renter-occupied<br>housing units paying cash rent |    |
|        | Total   |    |

|   |    |
|---|----|
| HB14. TENURE(2) BY HOUSEHOLD INCOME IN 1989(25) .....<br>Universe: Occupied housing units<br>Owner occupied:<br>Less than \$5,000<br>\$5,000 to \$9,999<br>\$10,000 to \$12,499<br>\$12,500 to \$14,999<br>\$15,000 to \$17,499<br>\$17,500 to \$19,999<br>\$20,000 to \$22,499<br>\$22,500 to \$24,999<br>\$25,000 to \$27,499<br>\$27,500 to \$29,999<br>\$30,000 to \$32,499<br>\$32,500 to \$34,999<br>\$35,000 to \$37,499<br>\$37,500 to \$39,999<br>\$40,000 to \$42,499<br>\$42,500 to \$44,999<br>\$45,000 to \$47,499<br>\$47,500 to \$49,999<br>\$50,000 to \$54,999<br>\$55,000 to \$59,999<br>\$60,000 to \$74,999<br>\$75,000 to \$99,999<br>\$100,000 to \$124,999<br>\$125,000 to \$149,999<br>\$150,000 or more<br>Renter occupied:<br>(Repeat HOUSEHOLD INCOME IN 1989) | 50 |
| HB14A. MEDIAN HOUSEHOLD INCOME IN 1989(1) .....<br>Universe: Occupied housing units<br>Median household income in 1989  | 1  |
| HB14B. MEDIAN HOUSEHOLD INCOME IN 1989(1) BY TENURE(2) .....<br>Universe: Occupied housing units<br>Median household income in 1989:<br>Owner occupied<br>Renter occupied   | 2  |
| HB15. AGGREGATE HOUSEHOLD INCOME IN 1989(1)<br>BY TENURE(2) BY AGE OF HOUSEHOLDER(4) .....<br>Universe: Occupied housing units<br>Total:<br>Owner occupied:<br>Householder 15 to 59 years<br>Householder 60 to 64 years<br>Householder 65 to 74 years<br>Householder 75 years and over<br>Renter occupied:  | 8  |



(Repeat AGE OF HOUSEHOLDER)

|  |           |
|--|-----------|
| <p>HB16. HOUSEHOLD INCOME IN 1989(8) BY GROSS RENT<br/> AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989(10) .....</p>        | <p>80</p> |
| <p>Universe: Specified renter-occupied housing units</p>   |           |
| <p>Less than \$10,000:</p>   |           |
| <p>    Less than 10 percent</p>  |           |
| <p>    10 to 14 percent</p>  |           |
| <p>    15 to 19 percent</p>  |           |
| <p>    20 to 24 percent</p>  |           |
| <p>    25 to 29 percent</p>  |           |
| <p>    30 to 34 percent</p>  |           |
| <p>    35 to 39 percent</p>  |           |
| <p>    40 to 49 percent</p>  |           |
| <p>    50 percent or more</p>  |           |
| <p>    Not computed</p>  |           |
| <p>\$10,000 to \$14,999:</p>   |           |
| <p>    (Repeat GROSS RENT AS A PERCENTAGE OF<br/> HOUSEHOLD INCOME IN 1989)</p>  |           |
| <p>\$15,000 to \$19,999:</p>   |           |
| <p>    (Repeat GROSS RENT AS A PERCENTAGE OF<br/> HOUSEHOLD INCOME IN 1989)</p>  |           |
| <p>\$20,000 to \$24,999:</p>   |           |
| <p>    (Repeat GROSS RENT AS A PERCENTAGE OF<br/> HOUSEHOLD INCOME IN 1989)</p>  |           |
| <p>\$25,000 to \$29,999:</p>   |           |
| <p>    (Repeat GROSS RENT AS A PERCENTAGE OF<br/> HOUSEHOLD INCOME IN 1989)</p>  |           |
| <p>\$30,000 to \$34,999:</p>   |           |
| <p>    (Repeat GROSS RENT AS A PERCENTAGE OF<br/> HOUSEHOLD INCOME IN 1989)</p>  |           |
| <p>\$35,000 to \$49,999:</p>   |           |
| <p>    (Repeat GROSS RENT AS A PERCENTAGE OF<br/> HOUSEHOLD INCOME IN 1989)</p>  |           |
| <p>\$50,000 or more:</p>   |           |
| <p>    (Repeat GROSS RENT AS A PERCENTAGE OF<br/> HOUSEHOLD INCOME IN 1989)</p>  |           |
| <p> </p>   |           |
| <p>HB16A. MEDIAN GROSS RENT AS A PERCENTAGE OF<br/> HOUSEHOLD INCOME IN 1989(1) .....</p>                                | <p>1</p>  |
| <p>Universe: Specified renter-occupied<br/> housing units paying cash rent</p>   |           |
| <p>Median gross rent as a percentage of<br/> household income in 1989</p>  |           |
| <p> </p>   |           |
| <p>HB16B. MEDIAN GROSS RENT AS A PERCENTAGE OF HOUSEHOLD<br/> INCOME IN 1989(1) BY HOUSEHOLD INCOME IN 1989(8) .....</p> | <p>8</p>  |
| <p>Universe: Specified renter-occupied<br/> housing units paying cash rent</p>   |           |
| <p>Median gross rent as a percentage of household<br/> income in 1989:</p>   |           |

- Less than \$10,000
- \$10,000 to \$14,999
- \$15,000 to \$19,999
- \$20,000 to \$24,999
- \$25,000 to \$29,999
- \$30,000 to \$34,999
- \$35,000 to \$49,999
- \$50,000 or more

HB16C. MEDIAN GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989(1) BY HOUSEHOLD INCOME IN 1989(2) ..... 2  
 Universe: Specified renter-occupied housing units paying cash rent  
 Median gross rent as a percentage of household income in 1989:  
 Less than \$35,000  
 \$35,000 or more

HB17. HOUSEHOLD INCOME IN 1989(8) BY MORTGAGE STATUS(2) BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989(10) ..... 160  
 Universe: Specified owner-occupied housing units  
 Less than \$10,000:  
 With a mortgage:  
 Less than 10 percent  
 10 to 14 percent  
 15 to 19 percent  
 20 to 24 percent  
 25 to 29 percent  
 30 to 34 percent  
 35 to 39 percent  
 40 to 49 percent  
 50 percent or more  
 Not computed  
 Not mortgaged:  
 (Repeat SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)  
 \$10,000 to \$14,999:  
 (Repeat MORTGAGE STATUS By SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)  
 \$15,000 to \$19,999:  
 (Repeat MORTGAGE STATUS By SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)  
 \$20,000 to \$24,999:  
 (Repeat MORTGAGE STATUS By SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)  
 \$25,000 to \$29,999:  
 (Repeat MORTGAGE STATUS By SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)  
 \$30,000 to \$34,999:  
 (Repeat MORTGAGE STATUS By SELECTED MONTHLY OWNER

COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)  
 \$35,000 to \$49,999:

(Repeat MORTGAGE STATUS By SELECTED MONTHLY OWNER  
 COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)

\$50,000 or more:

(Repeat MORTGAGE STATUS By SELECTED MONTHLY OWNER  
 COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)

HB17A. MEDIAN SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE  
 OF HOUSEHOLD INCOME IN 1989(1) BY MORTGAGE  
 STATUS(2) ..... 2  
 Universe: Specified owner-occupied housing units  
 Median selected monthly owner costs as a percentage  
 of household income in 1989:  
     With a mortgage  
     Not mortgaged

HB17B. MEDIAN SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE  
 OF HOUSEHOLD INCOME IN 1989(1) BY HOUSEHOLD INCOME  
 IN 1989(8) BY MORTGAGE STATUS(2) ..... 16  
 Universe: Specified owner-occupied housing units  
 Median selected monthly owner costs as a  
 percentage of household income in 1989:  
     Less than \$10,000:  
         With a mortgage  
         Not mortgaged  
     \$10,000 to \$14,999:  
         (Repeat MORTGAGE STATUS)  
     \$15,000 to \$19,999:  
         (Repeat MORTGAGE STATUS)  
     \$20,000 to \$24,999:  
         (Repeat MORTGAGE STATUS)  
     \$25,000 to \$29,999:  
         (Repeat MORTGAGE STATUS)  
     \$30,000 to \$34,999:  
         (Repeat MORTGAGE STATUS)  
     \$35,000 to \$49,999:  
         (Repeat MORTGAGE STATUS)  
     \$50,000 or more:  
         (Repeat MORTGAGE STATUS)

HB17. MEDIAN SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE  
 OF HOUSEHOLD INCOME IN 1989(1) BY HOUSEHOLD INCOME  
 IN 1989(2) BY MORTGAGE STATUS(2) ..... 4  
 Universe: Specified owner-occupied housing units  
 Median selected monthly owner costs as a  
 percentage of household income in 1989:  
     Less than \$35,000:  
         With a mortgage  
         Not mortgaged  
     \$35,000 or more:

(Repeat MORTGAGE STATUS)

|        |  |    |
|--------|--|----|
| HB18.  | MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS(31) ..... | 31 |
|        | Universe: Specified owner-occupied housing units           |    |
|        | With a mortgage:   |    |
|        | Less than \$200  |    |
|        | \$200 to \$249   |    |
|        | \$250 to \$299   |    |
|        | \$300 to \$349   |    |
|        | \$350 to \$399   |    |
|        | \$400 to \$449   |    |
|        | \$450 to \$499   |    |
|        | \$500 to \$549   |    |
|        | \$550 to \$599   |    |
|        | \$600 to \$649   |    |
|        | \$650 to \$699   |    |
|        | \$700 to \$749   |    |
|        | \$750 to \$799   |    |
|        | \$800 to \$849   |    |
|        | \$850 to \$899   |    |
|        | \$900 to \$949   |    |
|        | \$950 to \$999   |    |
|        | \$1,000 to \$1,249   |    |
|        | \$1,250 to \$1,499   |    |
|        | \$1,500 to \$1,999   |    |
|        | \$2,000 or more  |    |
|        | Not mortgaged:   |    |
|        | Less than \$100  |    |
|        | \$100 to \$149   |    |
|        | \$150 to \$199   |    |
|        | \$200 to \$249   |    |
|        | \$250 to \$299   |    |
|        | \$300 to \$349   |    |
|        | \$350 to \$399   |    |
|        | \$400 to \$449   |    |
|        | \$450 to \$499   |    |
|        | \$500 or more  |    |
| HB18A. | MEDIAN SELECTED MONTHLY OWNER COSTS                        |    |
|        | AND MORTGAGE STATUS(2) .....                               | 2  |
|        | Universe: Specified owner-occupied housing units           |    |
|        | With a mortgage  |    |
|        | Not mortgaged  |    |
| HB19.  | AGGREGATE SELECTED MONTHLY OWNER COSTS(1)                  |    |
|        | BY MORTGAGE STATUS(2) .....                                | 2  |
|        | Universe: Specified owner-occupied housing units           |    |
|        | Total:   |    |
|        | With a mortgage  |    |
|        | Not mortgaged  |    |
| HB20.  | TENURE(2) BY POVERTY STATUS IN 1989(2)                     |    |

BY PLUMBING FACILITIES(2) BY PERSONS PER ROOM(2) ..... 16  
 Universe: Occupied housing units  
 Owner occupied:  
   Income in 1989 above poverty level:  
     Complete plumbing facilities:  
       1.00 or less  
       1.01 or more  
     Lacking complete plumbing facilities:  
       (Repeat PERSONS PER ROOM)  
   Income in 1989 below poverty level:  
     (Repeat PLUMBING FACILITIES By PERSONS PER ROOM)  
 Renter occupied:  
   (Repeat POVERTY STATUS IN 1989 By PLUMBING FACILITIES  
    By PERSONS PER ROOM)

HB21. TENURE(2) BY POVERTY STATUS IN 1989(2)  
       BY YEAR STRUCTURE BUILT(3) ..... 12  
 Universe: Occupied housing units  
 Owner occupied:  
   Income in 1989 above poverty level:  
     1950 to March 1990  
     1940 to 1949  
     1939 or earlier  
   Income in 1989 below poverty level:  
     (Repeat YEAR STRUCTURE BUILT)  
 Renter occupied:  
   (Repeat POVERTY STATUS IN 1989  
    By YEAR STRUCTURE BUILT)

HB22. TENURE(2) BY POVERTY STATUS IN 1989(2) BY HOUSEHOLD  
       TYPE AND RELATIONSHIP AND PRESENCE OF CHILDREN(7) ..... 28  
 Universe: Occupied housing units  
 Owner occupied:  
   Income in 1989 above poverty level:  
     Family households:  
       Married-couple family:  
         With own children under 18 years  
         No own children under 18 years  
       Other family:  
         Male householder, no wife present:  
           With own children under 18 years  
           No own children under 18 years  
         Female householder, no husband present:  
           With own children under 18 years  
           No own children under 18 years  
     Nonfamily households  
   Income in 1989 below poverty level:  
     (Repeat HOUSEHOLD TYPE AND RELATIONSHIP  
       AND PRESENCE OF CHILDREN)  
 Renter occupied:  
   (Repeat POVERTY STATUS IN 1989 By HOUSEHOLD TYPE)

AND RELATIONSHIP AND PRESENCE OF CHILDREN)

HB23. TENURE(2) BY POVERTY STATUS IN 1989(2)  
 BY VEHICLES AVAILABLE(2) ..... 8  
 Universe: Occupied housing units  
 Owner occupied:  
 Income in 1989 above poverty level:  
 None  
 1 or more  
 Income in 1989 below poverty level:  
 (Repeat VEHICLES AVAILABLE)  
 Renter occupied:  
 (Repeat POVERTY STATUS IN 1989  
 By VEHICLES AVAILABLE)

HB24. TENURE(2) BY POVERTY STATUS IN 1989(2)  
 BY TELEPHONE IN HOUSING UNIT(2) ..... 8  
 Universe: Occupied housing units  
 Owner occupied:  
 Income in 1989 above poverty level:  
 With telephone  
 No telephone  
 Income in 1989 below poverty level:  
 (Repeat TELEPHONE IN HOUSING UNIT)  
 Renter occupied:  
 (Repeat POVERTY STATUS IN 1989  
 By TELEPHONE IN HOUSING UNIT)

HB25. TENURE(2) BY POVERTY STATUS IN 1989(2)  
 BY AGE OF HOUSEHOLDER(4) ..... 16  
 Universe: Occupied housing units  
 Owner occupied:  
 Income in 1989 above poverty level:  
 Householder 15 to 59 years  
 Householder 60 to 64 years  
 Householder 65 to 74 years  
 Householder 75 years and over  
 Income in 1989 below poverty level:  
 (Repeat AGE OF HOUSEHOLDER)  
 Renter occupied:  
 (Repeat POVERTY STATUS IN 1989 By AGE OF HOUSEHOLDER)

HB26. TENURE(2) BY POVERTY STATUS IN 1989(2)  
 BY PUBLIC ASSISTANCE INCOME IN 1989(2) ..... 8  
 Universe: Occupied housing units  
 Owner occupied:  
 Income in 1989 above poverty level:  
 With public assistance income  
 No public assistance income  
 Income in 1989 below poverty level:  
 (Repeat PUBLIC ASSISTANCE INCOME IN 1989)

Renter occupied:  
 (Repeat POVERTY STATUS IN 1989 By PUBLIC ASSISTANCE  
 INCOME IN 1989)

HB27. TENURE(2) BY POVERTY STATUS IN 1989(2)  
 BY SOCIAL SECURITY INCOME IN 1989(2) ..... 8

Universe: Occupied housing units  
 Owner occupied:  
 Income in 1989 above poverty level:  
     With Social Security income  
     No Social Security income  
 Income in 1989 below poverty level:  
 (Repeat SOCIAL SECURITY INCOME IN 1989)

Renter occupied:  
 (Repeat POVERTY STATUS IN 1989 By SOCIAL SECURITY  
 INCOME IN 1989)

HB28. TENURE(2) BY POVERTY STATUS IN 1989(2)  
 BY WORK STATUS OF HOUSEHOLDER IN 1989(2) ..... 8

Universe: Occupied housing units  
 Owner occupied:  
 Income in 1989 above poverty level:  
     Householder worked in 1989  
     Householder did not work in 1989  
 Income in 1989 below poverty level:  
 (Repeat WORK STATUS OF HOUSEHOLDER IN 1989)

Renter occupied:  
 (Repeat POVERTY STATUS IN 1989 By WORK STATUS  
 OF HOUSEHOLDER IN 1989)

HB29. AGE OF HOUSEHOLDER(7) ..... 7

Universe: Occupied housing units  
 Householder 15 to 24 years  
 Householder 25 to 34 years  
 Householder 35 to 44 years  
 Householder 45 to 54 years  
 Householder 55 to 64 years  
 Householder 65 to 74 years  
 Householder 75 years and over

HB30. TENURE(2) BY AGE OF HOUSEHOLDER(4) BY UNITS IN  
 STRUCTURE(6) ..... 48

Universe: Occupied housing units  
 Owner occupied:  
 Householder 15 to 59 years:  
     1, detached  
     1, attached  
     2  
     3 or 4  
     5 or more  
 Mobile home, trailer, or other

Householder 60 to 64 years:  
 (Repeat UNITS IN STRUCTURE)  
 Householder 65 to 74 years:  
 (Repeat UNITS IN STRUCTURE)  
 Householder 75 years and over:  
 (Repeat UNITS IN STRUCTURE)  
 Renter occupied:  
 (Repeat AGE OF HOUSEHOLDER By UNITS IN STRUCTURE)

|       |   |    |
|-------|---|----|
| HB31. | AGGREGATE PERSONS(1) BY TENURE(2) BY AGE OF HOUSEHOLDER(4)..... | 8  |
|       | Universe: Persons in occupied housing units                     |    |
|       | Total:  |    |
|       | Owner occupied:   |    |
|       | Householder 15 to 59 years                                      |    |
|       | Householder 60 to 64 years                                      |    |
|       | Householder 65 to 74 years                                      |    |
|       | Householder 75 years and over                                   |    |
|       | Renter occupied:  |    |
|       | (Repeat AGE OF HOUSEHOLDER)                                     |    |
| HB32. | AGGREGATE ROOMS(1) BY TENURE(2) BY AGE OF HOUSEHOLDER(4) .....  | 8  |
|       | Universe: Occupied housing units                                |    |
|       | Total:  |    |
|       | Owner occupied:   |    |
|       | Householder 15 to 59 years                                      |    |
|       | Householder 60 to 64 years                                      |    |
|       | Householder 65 to 74 years                                      |    |
|       | Householder 75 years and over                                   |    |
|       | Renter occupied:  |    |
|       | (Repeat AGE OF HOUSEHOLDER)                                     |    |
| HB33. | AGE OF HOUSEHOLDER(4) .....                                     | 4  |
|       | Universe: Specified owner-occupied housing units                |    |
|       | Householder 15 to 59 years                                      |    |
|       | Householder 60 to 64 years                                      |    |
|       | Householder 65 to 74 years                                      |    |
|       | Householder 75 years and over                                   |    |
| HB34. | AGGREGATE VALUE(1) BY AGE OF HOUSEHOLDER(4) .....               | 4  |
|       | Universe: Specified owner-occupied housing units                |    |
|       | Total:  |    |
|       | Householder 15 to 59 years                                      |    |
|       | Householder 60 to 64 years                                      |    |
|       | Householder 65 to 74 years                                      |    |
|       | Householder 75 years and over                                   |    |
| HB35. | AGE OF HOUSEHOLDER(4) BY MEALS INCLUDED IN RENT(3) .....        | 12 |
|       | Universe: Specified renter-occupied housing units               |    |
|       | Householder 15 to 59 years:                                     |    |



With cash rent:  
     Meals included in rent  
     No meals included in rent  
 No cash rent  
 Householder 60 to 64 years:  
     (Repeat MEALS INCLUDED IN RENT)  
 Householder 65 to 74 years:  
     (Repeat MEALS INCLUDED IN RENT)  
 Householder 75 years and over:  
     (Repeat MEALS INCLUDED IN RENT)

HB36. AGGREGATE CONTRACT RENT(1) BY AGE OF HOUSEHOLDER(4) BY MEALS INCLUDED IN RENT(2) ..... 8  
 Universe: Specified renter-occupied housing units paying cash rent

Total:  
     Householder 15 to 59 years:  
         Meals included in rent  
         No meals included in rent  
     Householder 60 to 64 years:  
         (Repeat MEALS INCLUDED IN RENT)  
     Householder 65 to 74 years:  
         (Repeat MEALS INCLUDED IN RENT)  
     Householder 75 years and over:  
         (Repeat MEALS INCLUDED IN RENT)

HB37. AGE OF HOUSEHOLDER(4) BY GROSS RENT(2) ..... 8  
 Universe: Specified renter-occupied housing units  
 Householder 15 to 59 years:

    With cash rent  
     No cash rent  
 Householder 60 to 64 years:  
     (Repeat GROSS RENT)  
 Householder 65 to 74 years:  
     (Repeat GROSS RENT)  
 Householder 75 years and over:  
     (Repeat GROSS RENT)

HB38. AGGREGATE GROSS RENT(1) BY AGE OF HOUSEHOLDER(4) ..... 4  
 Universe: Specified renter-occupied housing units paying cash rent

Total:  
     Householder 15 to 59 years  
     Householder 60 to 64 years  
     Householder 65 to 74 years  
     Householder 75 years and over

HB39. AGE OF HOUSEHOLDER(4) BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989(6) ..... 24  
 Universe: Specified renter-occupied housing units  
 Householder 15 to 59 years:

- Less than 20 percent
- 20 to 24 percent
- 25 to 29 percent
- 30 to 34 percent
- 35 percent or more
- Not computed

Householder 60 to 64 years:  
 (Repeat GROSS RENT AS A PERCENTAGE OF  
 HOUSEHOLD INCOME IN 1989)  
 Householder 65 to 74 years:  
 (Repeat GROSS RENT AS A PERCENTAGE OF  
 HOUSEHOLD INCOME IN 1989)  
 Householder 75 years and over:  
 (Repeat GROSS RENT AS A PERCENTAGE OF  
 HOUSEHOLD INCOME IN 1989)

HB40. AGE OF HOUSEHOLDER(4) BY MORTGAGE STATUS(2)  
 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE  
 OF HOUSEHOLD INCOME IN 1989(6) ..... 48

Universe: Specified owner-occupied housing units  
 Householder 15 to 59 years:  
 With a mortgage:  
 Less than 20 percent  
 20 to 24 percent  
 25 to 29 percent  
 30 to 34 percent  
 35 percent or more  
 Not computed  
 Not mortgaged:  
 (Repeat SELECTED MONTHLY OWNER COSTS AS A  
 PERCENTAGE OF HOUSEHOLD INCOME IN 1989)  
 Householder 60 to 64 years:  
 (Repeat MORTGAGE STATUS By SELECTED MONTHLY OWNER  
 COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)  
 Householder 65 to 74 years:  
 (Repeat MORTGAGE STATUS By SELECTED MONTHLY OWNER  
 COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)  
 Householder 75 years and over:  
 (Repeat MORTGAGE STATUS By SELECTED MONTHLY OWNER  
 COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)

HB41. TENURE(2) BY AGE OF HOUSEHOLDER(4) BY KITCHEN  
 FACILITIES(2) ..... 16

Universe: Occupied housing units  
 Owner occupied:  
 Householder 15 to 59 years:  
 Complete kitchen facilities  
 Lacking complete kitchen facilities  
 Householder 60 to 64 years:  
 (Repeat KITCHEN FACILITIES)  
 Householder 65 to 74 years:

(Repeat KITCHEN FACILITIES)  
 Householder 75 years and over:  
 (Repeat KITCHEN FACILITIES)  
 Renter occupied:  
 (Repeat AGE OF HOUSEHOLDER By KITCHEN FACILITIES)

HB42. TENURE(2) BY PERSONS IN UNIT(2) BY AGE OF HOUSEHOLDER(4) ..... 16

Universe: Occupied housing units  
 Owner occupied:  
 1 person:  
     Householder 15 to 59 years  
     Householder 60 to 64 years  
     Householder 65 to 74 years  
     Householder 75 years and over  
 2 or more persons:  
 (Repeat AGE OF HOUSEHOLDER)  
 Renter occupied:  
 (Repeat PERSONS IN UNIT By AGE OF HOUSEHOLDER)

HB43. TENURE(2) BY AGE OF HOUSEHOLDER(4) BY HOUSEHOLD TYPE(5) ..... 40

Universe: Occupied housing units  
 Owner occupied:  
     Householder 15 to 59 years:  
         Family households:  
             Married-couple family  
             Other family:  
                 Male householder, no wife present  
                 Female householder, no husband present  
         Nonfamily households:  
             Male householder  
             Female householder  
     Householder 60 to 64 years:  
         (Repeat HOUSEHOLD TYPE)  
     Householder 65 to 74 years:  
         (Repeat HOUSEHOLD TYPE)  
     Householder 75 years and over:  
         (Repeat HOUSEHOLD TYPE)  
 Renter occupied:  
 (Repeat AGE OF HOUSEHOLDER By HOUSEHOLD TYPE)

HB44. TENURE(2) BY AGE OF HOUSEHOLDER(4) BY YEAR STRUCTURE BUILT(3) ..... 24

Universe: Occupied housing units  
 Owner occupied:  
     Householder 15 to 59 years:  
         1950 to March 1990  
         1940 to 1949  
         1939 or earlier  
     Householder 60 to 64 years:

(Repeat YEAR STRUCTURE BUILT)  
 Householder 65 to 74 years:  
 (Repeat YEAR STRUCTURE BUILT)  
 Householder 75 years and over:  
 (Repeat YEAR STRUCTURE BUILT)  
 Renter occupied:  
 (Repeat AGE OF HOUSEHOLDER By YEAR STRUCTURE BUILT)

HB45. TENURE(2) BY AGE OF HOUSEHOLDER(4) BY PLUMBING FACILITIES(2) ..... 16

Universe: Occupied housing units  
 Owner occupied:  
 Householder 15 to 59 years:  
 Complete plumbing facilities  
 Lacking complete plumbing facilities  
 Householder 60 to 64 years:  
 (Repeat PLUMBING FACILITIES)  
 Householder 65 to 74 years:  
 (Repeat PLUMBING FACILITIES)  
 Householder 75 years and over:  
 (Repeat PLUMBING FACILITIES)  
 Renter occupied:  
 (Repeat AGE OF HOUSEHOLDER By PLUMBING FACILITIES)

HB46. TENURE(2) BY AGE OF HOUSEHOLDER(4) BY VEHICLES AVAILABLE(2) ..... 16

Universe: Occupied housing units  
 Owner occupied:  
 Householder 15 to 59 years:  
 None  
 1 or more  
 Householder 60 to 64 years:  
 (Repeat VEHICLES AVAILABLE)  
 Householder 65 to 74 years:  
 (Repeat VEHICLES AVAILABLE)  
 Householder 75 years and over:  
 (Repeat VEHICLES AVAILABLE)  
 Renter occupied:  
 (Repeat AGE OF HOUSEHOLDER By VEHICLES AVAILABLE)

HB47. TENURE(2) BY AGE OF HOUSEHOLDER(4) BY PERSONS IN UNIT(2) BY TELEPHONE IN HOUSING UNIT(2) ..... 32

Universe: Occupied housing units  
 Owner occupied:  
 Householder 15 to 59 years:  
 1 person:  
 With telephone  
 No telephone  
 2 or more persons:  
 (Repeat TELEPHONE IN HOUSING UNIT)  
 Householder 60 to 64 years:

(Repeat PERSONS IN UNIT By TELEPHONE IN HOUSING UNIT)  
 Householder 65 to 74 years:  
 (Repeat PERSONS IN UNIT By TELEPHONE IN HOUSING UNIT)  
 Householder 75 years and over  
 (Repeat PERSONS IN UNIT By TELEPHONE IN HOUSING UNIT)  
 Renter occupied:  
 (Repeat AGE OF HOUSEHOLDER By PERSONS IN UNIT  
 By TELEPHONE IN HOUSING UNIT)

|       |   |     |
|-------|---|-----|
| HB48. | AGGREGATE INCOME DEFICIT(1) BY TENURE(2) .....<br>Universe: Occupied housing units with householder<br>with income in 1989 below the poverty level<br>Total:<br>Owner occupied<br>Renter occupied   | 2   |
| HB49. | PERSONS PER ROOM(7) .....<br>Universe: Occupied housing units<br>0.50 or less<br>0.51 to 0.75<br>0.76 to 1.00<br>1.01 to 1.25<br>1.26 to 1.50<br>1.51 to 2.00<br>2.01 or more   | 7   |
| HB50. | TENURE(2) BY PERSONS IN UNIT(7) BY UNITS<br>IN STRUCTURE(10) .....<br>Universe: Occupied housing units<br>Owner occupied:<br>1 person:<br>1, detached<br>1, attached<br>2<br>3 or 4<br>5 to 9<br>10 to 19<br>20 to 49<br>50 or more<br>Mobile home or trailer<br>Other<br>2 persons:<br>(Repeat UNITS IN STRUCTURE)<br>3 persons:<br>(Repeat UNITS IN STRUCTURE)<br>4 persons:<br>(Repeat UNITS IN STRUCTURE)<br>5 persons:<br>(Repeat UNITS IN STRUCTURE)<br>6 persons:<br>(Repeat UNITS IN STRUCTURE) | 140 |

7 or more persons:  
 (Repeat UNITS IN STRUCTURE)  
 Renter occupied:  
 (Repeat PERSONS IN UNIT By UNITS IN STRUCTURE)

|        |  |     |
|--------|--|-----|
| HB51.  | VALUE(26) .....  | 26  |
|        | Universe: Specified owner-occupied housing units                         |     |
|        | Less than \$10,000   |     |
|        | \$10,000 to \$14,999   |     |
|        | \$15,000 to \$19,999   |     |
|        | \$20,000 to \$24,999   |     |
|        | \$25,000 to \$29,999   |     |
|        | \$30,000 to \$34,999   |     |
|        | \$35,000 to \$39,999   |     |
|        | \$40,000 to \$44,999   |     |
|        | \$45,000 to \$49,999   |     |
|        | \$50,000 to \$54,999   |     |
|        | \$55,000 to \$59,999   |     |
|        | \$60,000 to \$64,999   |     |
|        | \$65,000 to \$69,999   |     |
|        | \$70,000 to \$74,999   |     |
|        | \$75,000 to \$79,999   |     |
|        | \$80,000 to \$89,999   |     |
|        | \$90,000 to \$99,999   |     |
|        | \$100,000 to \$124,999   |     |
|        | \$125,000 to \$149,999   |     |
|        | \$150,000 to \$174,999   |     |
|        | \$175,000 to \$199,999   |     |
|        | \$200,000 to \$249,999   |     |
|        | \$250,000 to \$299,999   |     |
|        | \$300,000 to \$399,999   |     |
|        | \$400,000 to \$499,999   |     |
|        | \$500,000 or more  |     |
| HB51A. | MEDIAN VALUE(1) .....  | 1   |
|        | Universe: Specified owner-occupied housing units                         |     |
|        | Median value   |     |
| HB52.  | AGGREGATE VALUE(1) .....   | 1   |
|        | Universe: Specified owner-occupied housing units                         |     |
|        | Total  |     |
| HB53.  | TENURE(2) BY HOUSEHOLD INCOME IN 1989(13)<br>BY PERSONS IN UNIT(7) ..... | 182 |
|        | Universe: Occupied housing units   |     |
|        | Owner occupied:  |     |
|        | Less than \$5,000:   |     |
|        | 1 person   |     |
|        | 2 persons  |     |
|        | 3 persons  |     |
|        | 4 persons  |     |

5 persons  
 6 persons  
 7 or more persons  
 \$5,000 to \$9,999:  
 (Repeat PERSONS IN UNIT)  
 \$10,000 to \$14,999:  
 (Repeat PERSONS IN UNIT)  
 \$15,000 to \$19,999:  
 (Repeat PERSONS IN UNIT)  
 \$20,000 to \$24,999:  
 (Repeat PERSONS IN UNIT)  
 \$25,000 to \$29,999:  
 (Repeat PERSONS IN UNIT)  
 \$30,000 to \$34,999:  
 (Repeat PERSONS IN UNIT)  
 \$35,000 to \$39,999:  
 (Repeat PERSONS IN UNIT)  
 \$40,000 to \$49,999:  
 (Repeat PERSONS IN UNIT)  
 \$50,000 to \$59,999:  
 (Repeat PERSONS IN UNIT)  
 \$60,000 to \$74,999:  
 (Repeat PERSONS IN UNIT)  
 \$75,000 to \$99,999:  
 (Repeat PERSONS IN UNIT)  
 \$100,000 or more:  
 (Repeat PERSONS IN UNIT)  
 Renter occupied:  
 (Repeat HOUSEHOLD INCOME IN 1989  
 By PERSONS IN UNIT)

|   |     |
|---|-----|
| HB54. HOUSEHOLD INCOME IN 1989(13) BY VALUE(20) .....<br>Universe: Specified owner-occupied housing units<br>Less than \$5,000:<br>Less than \$15,000<br>\$15,000 to \$19,999<br>\$20,000 to \$24,999<br>\$25,000 to \$29,999<br>\$30,000 to \$34,999<br>\$35,000 to \$39,999<br>\$40,000 to \$44,999<br>\$45,000 to \$49,999<br>\$50,000 to \$59,999<br>\$60,000 to \$74,999<br>\$75,000 to \$99,999<br>\$100,000 to \$124,999<br>\$125,000 to \$149,999<br>\$150,000 to \$174,999<br>\$175,000 to \$199,999<br>\$200,000 to \$249,999<br>\$250,000 to \$299,999 | 260 |
|---|-----|

\$300,000 to \$399,999  
 \$400,000 to \$499,999  
 \$500,000 or more  
 \$5,000 to \$9,999:  
 (Repeat VALUE)  
 \$10,000 to \$14,999:  
 (Repeat VALUE)  
 \$15,000 to \$19,999:  
 (Repeat VALUE)  
 \$20,000 to \$24,999:  
 (Repeat VALUE)  
 \$25,000 to \$29,999:  
 (Repeat VALUE)  
 \$30,000 to \$34,999:  
 (Repeat VALUE)  
 \$35,000 to \$39,999:  
 (Repeat VALUE)  
 \$40,000 to \$49,999:  
 (Repeat VALUE)  
 \$50,000 to \$59,999:  
 (Repeat VALUE)  
 \$60,000 to \$74,999:  
 (Repeat VALUE)  
 \$75,000 to \$99,999:  
 (Repeat VALUE)  
 \$100,000 or more:  
 (Repeat VALUE)

HB55. HOUSEHOLD INCOME IN 1989(13) BY GROSS RENT(17) ..... 221  
 Universe: Specified renter-occupied housing units  
 Less than \$5,000:  
     With cash rent:  
         Less than \$100  
         \$100 to \$149  
         \$150 to \$199  
         \$200 to \$249  
         \$250 to \$299  
         \$300 to \$349  
         \$350 to \$399  
         \$400 to \$449  
         \$450 to \$499  
         \$500 to \$549  
         \$550 to \$599  
         \$600 to \$649  
         \$650 to \$699  
         \$700 to \$749  
         \$750 to \$999  
         \$1,000 or more  
     No cash rent  
 \$5,000 to \$9,999:  
 (Repeat GROSS RENT)



\$10,000 to \$14,999:  
 (Repeat GROSS RENT)  
 \$15,000 to \$19,999:  
 (Repeat GROSS RENT)  
 \$20,000 to \$24,999:  
 (Repeat GROSS RENT)  
 \$25,000 to \$29,999:  
 (Repeat GROSS RENT)  
 \$30,000 to \$34,999:  
 (Repeat GROSS RENT)  
 \$35,000 to \$39,999:  
 (Repeat GROSS RENT)  
 \$40,000 to \$49,999:  
 (Repeat GROSS RENT)  
 \$50,000 to \$59,999:  
 (Repeat GROSS RENT)  
 \$60,000 to \$74,999:  
 (Repeat GROSS RENT)  
 \$75,000 to \$99,999:  
 (Repeat GROSS RENT)  
 \$100,000 or more:  
 (Repeat GROSS RENT)

HB56. AGE OF HOUSEHOLDER(2) BY RATIO OF INCOME IN 1989  
 TO POVERTY LEVEL(3) BY SELECTED CHARACTERISTICS(2)  
 BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME  
 IN 1989(4) BY PERSONS IN UNIT(3) ..... 144  
 Universe: Specified renter-occupied housing units  
 Householder 15 to 61 years:  
 Under 1.00:  
     With selected characteristics:  
         30 percent or less:  
             1 or 2 persons  
             3 or 4 persons  
             5 or more persons  
         31 to 50 percent:  
             (Repeat PERSONS IN UNIT)  
         51 percent or more:  
             (Repeat PERSONS IN UNIT)  
         Not computed:  
             (Repeat PERSONS IN UNIT)  
     No selected characteristics:  
         (Repeat GROSS RENT AS A PERCENTAGE OF  
             HOUSEHOLD INCOME IN 1989 By PERSONS IN UNIT)  
 1.00 to 1.49:  
     (Repeat SELECTED CHARACTERISTICS By GROSS RENT  
         AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989  
         By PERSONS IN UNIT)  
 1.50 and over:  
     (Repeat SELECTED CHARACTERISTICS By GROSS RENT  
         AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989

By PERSONS IN UNIT)  
 Householder 62 years and over:  
 (Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL  
 By SELECTED CHARACTERISTICS By GROSS RENT AS A  
 PERCENTAGE OF HOUSEHOLD INCOME IN 1989 By PERSONS  
 IN UNIT)

HB57. AGE OF HOUSEHOLDER(2) BY RATIO OF INCOME IN 1989  
 TO POVERTY LEVEL(3) BY SELECTED CHARACTERISTICS(2)  
 BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF  
 HOUSEHOLD INCOME IN 1989(4) BY PERSONS IN UNIT(3) ..... 144

Universe: Specified owner-occupied housing units  
 Householder 15 to 61 years:

Under 1.00:

With selected characteristics:

30 percent or less:

1 or 2 persons

3 or 4 persons

5 or more persons

31 to 50 percent:

(Repeat PERSONS IN UNIT)

51 percent or more:

(Repeat PERSONS IN UNIT)

Not computed:

(Repeat PERSONS IN UNIT)

No selected characteristics:

(Repeat SELECTED MONTHLY OWNER COSTS AS A  
 PERCENTAGE OF HOUSEHOLD INCOME IN 1989  
 By PERSONS IN UNIT)

1.00 to 1.49:

(Repeat SELECTED CHARACTERISTICS By SELECTED  
 MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD  
 INCOME IN 1989 By PERSONS IN UNIT)

1.50 and over

(Repeat SELECTED CHARACTERISTICS By SELECTED  
 MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD  
 INCOME IN 1989 By PERSONS IN UNIT)

Householder 62 years and over

(Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL  
 By SELECTED CHARACTERISTICS By SELECTED MONTHLY  
 OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME  
 IN 1989 By PERSONS IN UNIT)

HB58. TENURE(2) BY PLUMBING FACILITIES(2) BY KITCHEN  
 FACILITIES(2) BY PERSONS PER ROOM(2) BY YEAR  
 STRUCTURE BUILT(3) BY POVERTY STATUS IN 1989(2) ..... 96

Universe: Occupied housing units

Owner occupied:

Complete plumbing facilities:

Complete kitchen Facilities:

1.00 or less:

1950 to March 1990:  
 Income in 1989 above poverty level  
 Income in 1989 below poverty level  
 1940 to 1949:  
 (Repeat POVERTY STATUS IN 1989)  
 1939 or earlier:  
 (Repeat POVERTY STATUS IN 1989)  
 1.01 or more:  
 (Repeat YEAR STRUCTURE BUILT  
 By POVERTY STATUS IN 1989)  
 Lacking complete kitchen facilities:  
 (Repeat PERSONS PER ROOM By YEAR STRUCTURE  
 BUILT By POVERTY STATUS IN 1989)  
 Lacking complete plumbing facilities:  
 (Repeat KITCHEN FACILITIES By PERSONS PER ROOM  
 By YEAR STRUCTURE BUILT By POVERTY STATUS IN 1989)  
 Renter occupied:  
 (Repeat PLUMBING FACILITIES By KITCHEN FACILITIES  
 By PERSONS PER ROOM By YEAR STRUCTURE BUILT  
 By POVERTY STATUS IN 1989)

HB59. SELECTED CONDITIONS(2) BY AGE OF HOUSEHOLDER(3)  
 BY PERSONS IN UNIT(5) BY HOUSEHOLD INCOME  
 IN 1989(13) ..... 390

Universe: Owner-occupied housing units  
 With selected conditions:  
 Householder 15 to 61 years:  
 1 person:  
 Less than \$5,000  
 \$5,000 to \$9,999  
 \$10,000 to \$14,999  
 \$15,000 to \$19,999  
 \$20,000 to \$24,999  
 \$25,000 to \$29,999  
 \$30,000 to \$34,999  
 \$35,000 to \$39,999  
 \$40,000 to \$49,999  
 \$50,000 to \$59,999  
 \$60,000 to \$74,999  
 \$75,000 to \$99,999  
 \$100,000 or more  
 2 persons:  
 (Repeat HOUSEHOLD INCOME IN 1989)  
 3 persons:  
 (Repeat HOUSEHOLD INCOME IN 1989)  
 4 persons:  
 (Repeat HOUSEHOLD INCOME IN 1989)  
 5 or more persons:  
 (Repeat HOUSEHOLD INCOME IN 1989)  
 Householder 62 to 74 years:  
 (Repeat PERSONS IN UNIT By HOUSEHOLD INCOME IN 1989)

Householder 75 years and over:  
 (Repeat PERSONS IN UNIT By HOUSEHOLD INCOME IN 1989)  
 No selected conditions:  
 (Repeat AGE OF HOUSEHOLDER By PERSONS IN UNIT  
 By HOUSEHOLD INCOME IN 1989)

HB60. SELECTED CONDITIONS(2) BY AGE OF HOUSEHOLDER(3)  
 BY PERSONS IN UNIT(5) BY HOUSEHOLD INCOME IN 1989(13) ... 390

Universe: Renter-occupied housing units  
 With selected conditions:

Householder 15 to 61 years:

1 person:

- Less than \$5,000
- \$5,000 to \$9,999
- \$10,000 to \$14,999
- \$15,000 to \$19,999
- \$20,000 to \$24,999
- \$25,000 to \$29,999
- \$30,000 to \$34,999
- \$35,000 to \$39,999
- \$40,000 to \$49,999
- \$50,000 to \$59,999
- \$60,000 to \$74,999
- \$75,000 to \$99,999
- \$100,000 or more

2 persons:

(Repeat HOUSEHOLD INCOME IN 1989)

3 persons:

(Repeat HOUSEHOLD INCOME IN 1989)

4 persons:

(Repeat HOUSEHOLD INCOME IN 1989)

5 or more persons:

(Repeat HOUSEHOLD INCOME IN 1989)

Householder 62 to 74 years:

(Repeat PERSONS IN UNIT By HOUSEHOLD INCOME IN 1989)

Householder 75 years and over:

(Repeat PERSONS IN UNIT By HOUSEHOLD INCOME IN 1989)

No selected conditions:

(Repeat AGE OF HOUSEHOLDER By PERSONS IN UNIT  
 By HOUSEHOLD INCOME IN 1989)

HB61. IMPUTATION OF TENURE(2) ..... 2

Universe: Occupied housing units

Allocated

Not allocated

HB62. IMPUTATION OF YEAR HOUSEHOLDER MOVED INTO UNIT(2) ..... 2

Universe: Occupied housing units

Allocated

Not allocated

|       |  |   |
|-------|--|---|
| HB63. | IMPUTATION OF BEDROOMS(2) .....<br>Universe: Occupied housing units<br>Allocated<br>Not allocated                        | 2 |
| HB64. | IMPUTATION OF PLUMBING FACILITIES(2) .....<br>Universe: Occupied housing units<br>Allocated<br>Not allocated             | 2 |
| HB65. | IMPUTATION OF KITCHEN FACILITIES(2) .....<br>Universe: Occupied housing units<br>Allocated<br>Not allocated              | 2 |
| HB66. | IMPUTATION OF TELEPHONE IN HOUSING UNIT(2) .....<br>Universe: Occupied housing units<br>Allocated<br>Not allocated       | 2 |
| HB67. | IMPUTATION OF VEHICLES AVAILABLE(2) .....<br>Universe: Occupied housing units<br>Allocated<br>Not allocated              | 2 |
| HB68. | IMPUTATION OF HOUSE HEATING FUEL(2) .....<br>Universe: Occupied housing units<br>Allocated<br>Not allocated              | 2 |
| HB69. | IMPUTATION OF SOURCE OF WATER(2) .....<br>Universe: Occupied housing units<br>Allocated<br>Not allocated                 | 2 |
| HB70. | IMPUTATION OF SEWAGE DISPOSAL(2) .....<br>Universe: Occupied housing units<br>Allocated<br>Not allocated                 | 2 |
| HB71. | IMPUTATION OF YEAR STRUCTURE BUILT(2) .....<br>Universe: Occupied housing units<br>Allocated<br>Not allocated            | 2 |
| HB72. | IMPUTATION OF MORTGAGE STATUS(2) .....<br>Universe: Specified owner-occupied housing units<br>Allocated<br>Not allocated | 2 |
| HB73. | IMPUTATION OF MORTGAGE STATUS AND SELECTED   |   |

|   |   |
|---|---|
| MONTHLY OWNER COSTS(4) .....                      | 4 |
| Universe: Specified owner-occupied housing units  |   |
| With a mortgage:                                  |   |
| Allocated   |   |
| Not allocated                                     |   |
| Not mortgaged:                                    |   |
| Allocated   |   |
| Not allocated                                     |   |
| HB74. IMPUTATION OF GROSS RENT(2) .....           | 2 |
| Universe: Specified renter-occupied housing units |   |
| Allocated   |   |
| Not allocated                                     |   |

## SUMMARY LEVEL SEQUENCE CHARTS

STF 4A

| SUMMARY LEVEL AREA  | SUMMARY<br>LEVEL<br>CODE | GEOGRAPHIC<br>COMPONENT<br>CODE |
|---|--------------------------|---------------------------------|
| State   | 040                      | 00 20 30                        |
| State-Metropolitan Statistical Area/Consolidated<br>Metropolitan Statistical Area/Remainder   | 320                      | 00                              |
| Metropolitan Statistical Area/Remainder<br>(no CMSAs)--State--County  | 330                      | 00                              |
| State--Metropolitan Statistical Area/<br>Consolidated Metropolitan Statistical Area/<br>Remainder--Primary Metropolitan Statistical<br>Area/Remainder--County--Place (10,000 or<br>more persons)/Remainder                                      | 120                      | 00                              |
| State--Metropolitan Statistical Area/<br>Consolidated Metropolitan Statistical<br>Area/Remainder--Primary Metropolitan<br>Statistical Area/Remainder--County--Place<br>(10,000 or more persons)/Remainder--Census<br>Tract/Block Numbering Area | 130                      | 00                              |
| State--Metropolitan Statistical Area/<br>Consolidated Metropolitan Statistical Area/<br>Remainder--Primary Metropolitan Statistical<br>Area/Remainder--County--Census Tract/Block<br>Numbering Area   | 141                      | 00                              |
| State--Consolidated Metropolitan Statistical<br>Area--Primary Metropolitan Statistical Area   | 321                      | 00                              |
| Consolidated Metropolitan Statistical<br>Area--Primary Metropolitan Statistical<br>Area--State--County  | 331                      | 00                              |
| State--Metropolitan Statistical Area/<br>Consolidated Metropolitan Statistical<br>Area/Remainder--Primary Metropolitan<br>Statistical Area/Remainder--County--Place<br>(10,000 or more persons)/Remainder                                       | 120                      | 00                              |
| State--Metropolitan Statistical Area/   |                          |                                 |

|   |     |    |
|---|-----|----|
| Consolidated Metropolitan Statistical<br>Area/Remainder--Primary Metropolitan<br>Statistical Area/Remainder--County--<br>Place (10,000 or more persons)/Remainder--<br>Census Tract/Block, Numbering Area | 130 | 00 |
| State--Metropolitan Statistical Area/<br>Consolidated Metropolitan Statistical<br>Area/Remainder--Primary Metropolitan<br>Statistical Area/Remainder--County--Census<br>Tract/Block Numbering Area        | 141 | 00 |



## STF 4B

| SUMMARY LEVEL AREA   | SUMMARY<br>LEVEL<br>CODE | GEOGRAPHIC<br>COMPONENT<br>CODE        |
|--|--------------------------|--|
| State  | 040                      | 00 01-12<br>20-28<br>30-36 40<br>42-44 |
| State--County  | 050                      | 00 08 12                               |
| State (12 States only--CT, ME, MA, MI, MN, NH,<br>NJ, NY, PA, RI, VT, WI)--County Subdivision<br>(2,500 or more persons)   | 063                      | 00                                     |
| State (6 States only--CT, ME, MA, NH, RI, VT)--<br>County Subdivision (under 2,500 persons<br>and in an MSA/CMSA)  | 064                      | 00                                     |
| State--Place (2,500 or more persons)   | 163                      | 00                                     |
| State--Consolidated City   | 170                      | 00                                     |
| State--American Indian Reservation<br>with Trust Lands   | 210                      | 00                                     |
| State--American Indian Reservation with<br>Trust Lands; reservation only   | 211                      | 00                                     |
| American Indian Reservation (reservation<br>with or without trust lands; reservation<br>only)/Tribal Jurisdiction Statistical Area/<br>Tribal Designated Statistical Area/Alaska<br>Native Village Statistical Area--State--<br>County | 220                      | 00                                     |
| State--American Indian Reservation with<br>Trust Lands; trust lands only   | 212                      | 00                                     |
| American Indian Trust Lands (trust lands<br>with or without reservation; trust lands<br>only--State--County  | 221                      | 00                                     |
| State--American Indian Reservation with no Trust<br>Lands/Tribal Jurisdiction Statistical Area/Tribal<br>Designated Statistical Area/Alaska Native Village<br>Statistical Area   | 215                      | 00                                     |

|  |     |    |
|--|-----|----|
| American Indian Reservation (reservation with<br>or without trust lands; reservation only)/<br>Tribal Jurisdiction Statistical Area/Tribal<br>Designated Statistical Area/Alaska Native<br>Village Statistical Area--State--County | 220 | 00 |
| State--American Indian Trust Lands (trust lands<br>with no reservation)  | 216 | 00 |
| American Indian Trust Lands (trust lands with<br>or without reservation; trust lands only)--<br>State--County  | 221 | 00 |
| State--Alaska Native Regional Corporation  | 230 | 00 |

| STF 4C  | SUMMARY<br>LEVEL<br>CODE | GEOGRAPHIC<br>COMPONENT<br>CODE        |
|---|--------------------------|--|
| SUMMARY LEVEL AREA  |                          |  |
| United States   | 010                      | 00 01-12<br>20-28<br>30-36 40<br>42-44 |
| Region  | 020                      | 00 01-12<br>20-28<br>30-36 40<br>42-44 |
| Division  | 030                      | 00 01-12<br>20-28<br>30-36 40<br>42-44 |
| State   | 040                      | 00 01-12<br>20-28<br>30-36 40<br>42-44 |
| State--County   | 050                      | 00                                     |
| State (12 States only--CT, ME, MA, MI, MN, NH,<br>NJ, NY, PA, RI, VT, WI)--County Subdivision<br>(10,000 or more persons) | 061                      | 00                                     |
| State (6 States only--CT, ME, MA, NH, RI, VT)--<br>County Subdivision (under 10,000 persons and<br>in an MSA/CMSA)        | 062                      | 00                                     |
| State--Place (10,000 or more persons)   | 161                      | 00                                     |
| State--Consolidated City  | 170                      | 00                                     |
| American Indian Reservation with Trust Lands  | 200                      | 00                                     |
| American Indian Reservation with Trust Lands;<br>reservation only   | 201                      | 00                                     |
| American Indian Reservation with Trust Lands;<br>reservation only--State  | 205                      | 00                                     |
| American Indian Reservation (reservation<br>with or without trust lands; reservation                                      |                          |  |

|   |     |    |             |
|---|-----|----|-------------|
| only)/Tribal Jurisdiction Statistical Area/Tribal Designated Statistical Area/Alaska Native Village Statistical Area--State--County   | 220 | 00 |             |
| American Indian Reservation with Trust Lands; trust lands only  | 202 | 00 |             |
| American Indian Reservation with Trust Lands; trust lands only--State   | 206 | 00 |             |
| American Indian Trust Lands (trust lands with or without reservation; trust lands only)--State--County  | 221 | 00 |             |
| American Indian Reservation with no Trust Lands/Tribal Jurisdiction Statistical Area/Tribal Designated Statistical Area/Alaska Native Village Statistical Area  | 203 | 00 |             |
| American Indian Reservation with no Trust Lands/Tribal Jurisdiction Statistical Area/Tribal Designated Statistical Area/Alaska Native Village Statistical Area--State   | 207 | 00 |             |
| American Indian Reservation (reservation with or without trust lands; reservation only)/Tribal Jurisdiction Statistical Area/Tribal Designated Statistical Area/Alaska Native Village Statistical Area--State--County | 220 | 00 |             |
| American Indian Trust Lands (trust lands with no reservation)   | 204 | 00 |             |
| American Indian Trust Lands (trust lands with no reservation)--State  | 208 | 00 |             |
| American Indian Trust Lands (trust lands with or without reservation; trust lands only)--State--County  | 221 | 00 |             |
| State--Alaska Native Regional Corporation   | 230 | 00 |             |
| Metropolitan Statistical Area/Consolidated Metropolitan Statistical Area  | 300 | 00 | 21-25<br>28 |
| Metropolitan Statistical Area (no CMSAs)--State--Central City   | 340 | 00 |             |
| Metropolitan Statistical Area/Consolidated Metropolitan Statistical Area--State   | 310 | 00 | 21 22       |

|  |     |                |
|--|-----|----------------|
| Metropolitan Statistical Area (no CMSAs)--<br>State--County  | 329 | 00             |
| Consolidated Metropolitan Statistical Area--<br>Primary Metropolitan Statistical Area                          | 301 | 00 21-25<br>28 |
| Consolidated Metropolitan Statistical Area--<br>Primary Metropolitan Statistical Area--<br>State--Central City | 341 | 00             |
| Consolidated Metropolitan Statistical Area--<br>Primary Metropolitan Statistical Area State                    | 311 | 00 21 22       |
| Consolidated Metropolitan Statistical Area--<br>Primary Metropolitan Statistical Area--<br>State--County       | 331 | 00             |
| Urbanized Area   | 400 | 00 03 04       |
| Urbanized Area State--Central Place  | 460 | 00             |
| Urbanized Area--State  | 410 | 00 03 04       |



## USER NOTES

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UNITED STATES DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
Washington, DC 20233-0001

CENSUS OF POPULATION AND HOUSING, 1990:  
SUMMARY TAPE FILE 4

USER NOTE 1

AGE REPORTING--Review of detailed 1990 information indicated that respondents tended to provide their age as of the date of completion of the questionnaire, not their age as of April 1, 1990. In addition, there may have been a tendency for respondents to round up their age if they were close to having a birthday. It is likely that approximately 10 percent of persons in most age groups are actually 1 year younger. For most single years of age, the misstatements are largely offsetting. The problem is most pronounced at age 0 because persons lost to age 1 may not have been fully offset by the inclusion of babies born after April 1, 1990 and because there may have been more rounding up to age 1 to avoid reporting age as 0 years. (Age in completed months was not collected for infants under age 1.)

The reporting of age 1 year older than age on April 1, 1990 is likely to have been greater in areas where the census data were collected later in 1990. The magnitude of this problem was much less in the three previous censuses where age was typically derived from respondent data on year of birth and quarter of birth. (For more information on the design of the age question, see the discussion on comparability under "Age" in appendix B.)

November 1992



UNITED STATES DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
Washington, DC 20233-0001

CENSUS OF POPULATION AND HOUSING, 1990:  
SUMMARY TAPE FILE 4

USER NOTE 2

ALASKA: Some Alaska Native village statistical areas that have very small counts of American Indians, Eskimos, and Aleuts in the 100-percent data have zero estimates of American Indians, Eskimos, and Aleuts based on sample tabulations shown in this data product. This occurs because there is a statistical chance that a small population will not appear in a sample.

The Alaska Native village statistical areas affected are: Alexander, Ekuk, Napaimute, Portage Creek, Telida, and Wiseman.

CALIFORNIA: Some American Indian areas that have very small counts of American Indians, Eskimos, and Aleuts in the 100-percent data have zero estimates of American Indians, Eskimos, and Aleuts based on sample tabulations shown in this data product. This occurs because there is a statistical chance that a small population will not appear in a sample.

The American Indian areas affected are: Berry Creek Rancheria, Chicken Ranch Rancheria, Enterprise Rancheria, Greenville Rancheria, La Posta Reservation, Picayune Rancheria, Pit River Trust Lands, Quartz Valley Rancheria, Redwood Valley Rancheria, and Rohnerville Rancheria.

CONNECTICUT: Some American Indian areas that have very small counts of American Indians, Eskimos, and Aleuts in the 100-percent data have zero estimates of American Indians, Eskimos, and Aleuts based on sample tabulations shown in this data product. This occurs because there is a statistical chance that a small population will not appear in a sample.

The American Indian area affected is: Golden Hill Reservation.

MAINE: Some American Indian areas that have very small counts of American Indians, Eskimos, and Aleuts in the 100-percent data have zero estimates of American Indians, Eskimos, and Aleuts based on sample tabulations shown in this data product. This occurs because

there is a statistical chance that a small population will not appear in a sample.

The American Indian area affected is: Passamaquoddy Trust Lands.

MASSACHUSETTS: Some American Indian areas that have very small counts of American Indians, Eskimos, and Aleuts in the 100-percent data have zero estimates of American Indians, Eskimos, and Aleuts based on sample tabulations shown in this data product. This occurs because there is a statistical chance that a small population will not appear in a sample.

The American Indian area affected is: Hassanamisco Reservation.

MONTANA: Some American Indian areas that have very small counts of American Indians, Eskimos, and Aleuts in the 100-percent data have zero estimates of American Indians, Eskimos, and Aleuts based on sample tabulations shown in this data product. This occurs because there is a statistical chance that a small population will not appear in a sample.

The American Indian area affected is: Crow/Northern Cheyenne Area.

NEW YORK: Onondaga Reservation--The data based on sample tabulations show zero estimates of American Indians, Eskimos, and Aleuts for the Onondaga Reservation. We believe the 1990 sample estimate for the total population shown for the Onondaga Reservation in this data product is reasonable. Most of the population on the reservation should be classified as American Indian. The Onondaga Nation did not allow the Bureau of the Census to complete the census enumeration on the reservation. However, a problem with the processing of the incomplete records for the Onondaga Reservation, obtained using our 1990 census "last resort" procedures, resulted in the misclassification of race.

TUSCARORA RESERVATION--The estimates for the total population and for American Indians, Eskimos, and Aleuts based on sample tabulations for the Tuscarora Reservation should be used with caution. We believe the 1990 sample estimate for the total population shown in this data product is reasonable. Most of the population on the reservation should be classified as American Indian. After a partial enumeration of the reservation, Tuscarora Nation did not allow the Bureau of the Census to complete the census enumeration. However, the processing of the incomplete records for the Tuscarora Reservation, obtained using our 1990 census "last resort" procedures, resulted in the misclassification of race.

OREGON: Some American Indian areas that have very small counts of American Indians, Eskimos, and Aleuts in the 100-percent data have zero estimates of American Indians, Eskimos, and Aleuts based on sample tabulations shown in this data product. This occurs because

there is a statistical chance that a small population will not appear in a sample.

The American Indian area affected is: Coos, Lower Umpqua, and Siuslaw Reservation.

November 1992



UNITED STATES DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
Washington, DC 20233-0001

CENSUS OF POPULATION AND HOUSING, 1990:  
SUMMARY TAPE FILE 4

USER NOTE 4

TABLE (MATRIX) PA91--The format of table (matrix) PA91, Aggregate Earnings in 1989 and Imputation Status, has been changed. The matrix contains a single cell consisting of 15 characters for "Not Allocated," followed by 3 characters of filer.





UNITED STATES DEPARTMENT OF COMMERCE  
 BUREAU OF THE CENSUS  
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CENSUS OF POPULATION AND HOUSING, 1990:  
 SUMMARY TAPE FILE 4

USER NOTE 5

POVERTY STATUS IN 1989--A minor error has been detected in the determination of poverty status for persons and families in the 1990 census. For families with a householder or spouse under the age of 18, an incorrect poverty threshold was used to determine poverty status. This resulted in the misclassification of 720 families in the United States and 6 families in both Puerto Rico and the U.S. Virgin Islands as either poor or not poor. Due to the small number of families affected, no correction has been applied. Weighted estimates of affected cases are listed below by State.

| Families misclassified as:                                  | Poor | Not<br>poor | Net difference in<br>number poor |
|---|------|-------------|----------------------------------|
| United States, excluding Puerto Rico and the Virgin Islands | 388  | 332         | -56                              |
| Alabama   | 11   | 2           | -9                               |
| Alaska  | 7    | 0           | -7                               |
| Arizona   | 15   | 0           | -15                              |
| Arkansas  | 0    | 0           | 0                                |
| California  | 62   | 75          | 13                               |
| Colorado  | 9    | 0           | -9                               |
| Connecticut   | 0    | 7           | 7                                |
| Delaware  | 0    | 0           | 0                                |
| District of Columbia  | 0    | 0           | 0                                |
| Florida   | 22   | 21          | -1                               |
| Georgia   | 25   | 0           | -25                              |
| Hawaii  | 0    | 0           | 0                                |
| Idaho   | 12   | 0           | -12                              |
| Illinois  | 3    | 0           | -3                               |
| Indiana   | 4    | 0           | -4                               |
| Iowa  | 6    | 0           | -6                               |
| Kansas  | 0    | 9           | 9                                |
| Kentucky  | 25   | 22          | -3                               |
| Louisiana   | 17   | 11          | -6                               |
| Maine   | 0    | 0           | 0                                |

|                |    |    |     |
|----------------|----|----|-----|
| Maryland       | 0  | 3  | 3   |
| Massachusetts  | 0  | 25 | 25  |
| Michigan       | 7  | 2  | -5  |
| Minnesota      | 0  | 0  | 0   |
| Mississippi    | 4  | 0  | -4  |
| Missouri       | 5  | 0  | -5  |
| Montana        | 3  | 0  | -3  |
| Nebraska       | 0  | 0  | 0   |
| Nevada         | 0  | 0  | 0   |
| New Hampshire  | 0  | 0  | 0   |
| New Jersey     | 0  | 15 | 15  |
| New Mexico     | 0  | 0  | 0   |
| New York       | 4  | 49 | 45  |
| North Carolina | 0  | 22 | 22  |
| North Dakota   | 0  | 0  | 0   |
| Ohio           | 0  | 13 | 13  |
| Oklahoma       | 6  | 15 | 9   |
| Oregon         | 0  | 0  | 0   |
| Pennsylvania   | 30 | 0  | -30 |
| Rhode Island   | 0  | 0  | 0   |
| South Carolina | 10 | 0  | -10 |
| South Dakota   | 0  | 0  | 0   |
| Tennessee      | 2  | 3  | 1   |
| Texas          | 65 | 18 | -47 |
| Utah           | 0  | 18 | 18  |
| Vermont        | 0  | 0  | 0   |
| Virginia       | 8  | 2  | -6  |
| Washington     | 7  | 0  | -7  |
| West Virginia  | 5  | 0  | -5  |
| Wisconsin      | 6  | 0  | -6  |
| Wyoming        | 8  | 0  | -8  |
| Puerto Rico    | 0  | 5  | 5   |
| Virgin Islands | 0  | 1  | 1   |

February 1993

UNITED STATES DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
Washington, DC 20233-0001

CENSUS OF POPULATION AND HOUSING, 1990:  
SUMMARY TAPE FILE 4 DATA

TECHNICAL NOTE 1

(Clarification of Coordinate Values)

The 1990 census data files provide latitude/longitude coordinates for internal points; the TIGERTM files, for 1-cells and shape points. These points are based on North American Datum (NAD) 27; that is, the standard for latitude/longitude set in 1927. The standard was revised in 1983, but the TIGER data base does not reflect the new coordinates. We ask that you document this information for the public by issuing the following information:

The latitude/longitude coordinates in the 1990 census files and TIGER/LineTM files are based on North American Datum (NAD) 27.

November 1992



UNITED STATES DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
Washington, DC 20233-0001

CENSUS OF POPULATION AND HOUSING, 1990:  
SUMMARY TAPE FILE 4 DATA

TECHNICAL NOTE 2

(Selected States)

We have found three additional code errors in the 1990 census records. Bold type identifies the correct code.

ARKANSAS (05)

In the records for Cherokee Village-Hidden Valley CDP (place: census code 0383), the FIPS code should be shown as 13465 (it is shown incorrectly as 13450).

DELAWARE (10)

In the records for Dover Base Housing CDP (place: census code 0076), the FIPS 55 code should be shown as 21387 (it is shown incorrectly as 21355).

NEBRASKA (31)

In the records for Offutt AFB CDP (place: census code 1814), the FIPS 55 code should be shown as 35875 (the name and FIPS 55 code are shown incorrectly as Offutt AFB West and 35945, respectively).

We previously reported other corrections for all three of these, including the name error for Offutt AFB. Also, we have determined that we should not have made a correction for Laurel Bay CDP, South Carolina, please disregard this entry.

November 1992



UNITED STATES DEPARTMENT OF COMMERCE  
Bureau of the Census  
Washington, DC 20233-0001

CENSUS OF POPULATION AND HOUSING, 1990:  
SUMMARY TAPE FILE 4 DATA

TECHNICAL NOTE 3

(Selected States)

We have found five additional code errors in the 1990 census records. Please document the following corrections (bold type identifies the correct code):

ALASKA (02)

In the records for Aleutians East census subarea (county subdivision in Aleutians East borough (013): census code 025), the FIPS code should be 01598 (it is shown incorrectly as 15600).

In the records for Aleutians West census subarea (county subdivision in Aleutians West census area (016): census code 025), the FIPS code should be 01615 (it is shown incorrectly as 15610).

ILLINOIS (17)

In the records for Berwyn township (county subdivision in Cook County (031): census code 010), the FIPS class code should be T5 (it is shown incorrectly as T1).

In the records for Markham precinct (county subdivision in Morgan County (137): census code 050), the FIPS code should be 92034 (it is shown incorrectly as 92043).

NEW YORK (36)

In the records for Carmel Hamlet CDP (place: census code 0525), the FIPS code should be 12532 (it is shown incorrectly as 12518).

November 1992





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CENSUS OF POPULATION AND HOUSING, 1990:  
SUMMARY TAPE FILE 4

TECHNICAL NOTE 4

(Selected States)

HAWAII (15): Two census designated places (CDP's)--Aliamanu (census code: 0007; FIPS place code: 0192.5) and Fort Shafter (census code: 0034; FIPS place code: 08350)--that we reported separately for the 1990 census of Honolulu County (003) should have been reported as part of Honolulu CDP (census code: 0110; FIPS place code: 17000). The corrected 1990 census population, housing unit count, land area, and population density for Honolulu CDP are as follows:

Population: 377,059

Housing units: 149,066

Land area:

Square kilometers: 222.1

Square miles: 85.7

Persons per:

Square kilometer: 1,697.7

Square mile: 4,399.8

PENNSYLVANIA(42): Incorporated places in Pennsylvania are independent of any township, and therefore should not appear as part of a township. In Northampton County (095), two incorporated places--West Easton borough (census code: 8732; FIPS place code: 82832) and Wilson borough (census code: 8936; FIPS place code: 85592)--are shown partially in Palmer township (census code: 120; FIPS county subdivision code: 57672). The portions of the boroughs erroneously assigned to Palmer township have no population or housing, and only a small area (West Easton: .002 square kilometer of water; Wilson: .032 square kilometer of land, .016 square kilometer

of water). These records should be deleted from the hierarchical tables of the published materials, and they should be transferred to the correct county subdivision records associated with West Easton (census code: 175) and Wilson (census code: 185) in data files and TIGER/Line files. For TIGER/Line Census Files, 1990, county 42 095, the Type A Records should have the data in field FMCD blanked for those records with CENID of 42095 and POLYIDs of 5673, 5660, 5662, 5667, and 5672; users should be sure to blank the appropriate fields on Record Types 1 and 3 that bound these polygons.

December 1992

UNITED STATES DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
Washington, DC 20233-0001

CENSUS OF POPULATION AND HOUSING, 1990:  
SUMMARY TAPE FILE 4

TECHNICAL NOTE 5  
(Alaska)

We have found several additional code errors and one name error in the 1990 census records for Alaska (02). Please document the following corrections (bold type identifies the correct information):

ALASKA (02)

In the records for Allakaket ANVSA (Alaska Native area: census code 6110; FIPS code 01870), the FIPS class code should be E6 (it is shown incorrectly as E1).

In the records for Angoon ANVSA (Alaska Native area: census code 6150; FIPS code 03445), the FIPS class code should be E6 (it is shown incorrectly as E1).

In the records for Belkofski ANVSA (Alaska Native area: census code 6290; FIPS code 05980), the FIPS class code should be E1 (it is shown incorrectly as E2).

In the records for Clark's Point city (place: census code 0740; FIPS code 15450), the name is shown incorrectly as Clarks Point city.

In the records for Council ANVSA (Alaska Native area: census code 6650; FIPS code 17640), the FIPS class code should be E1 (it is shown incorrectly as E2).

In the records for Diomedede city (place: census code 0890; FIPS code 19060), the FIPS class code should be C6 (it is shown incorrectly as C1).

In the records for Evansville ANVSA (Alaska Native area: census code 6830; FIPS code 23795), the FIPS class code should be E2 (it is shown incorrectly as E1).

In the records for Evansville CDP (place: census code 1070; FIPS code 23790), the FIPS class code should be U9 (it is shown incorrectly as

U6).

In the records for Georgetown ANVSA (Alaska Native area: census code 6930; FIPS code 28350), the FIPS class code should be E1 (it is shown incorrectly as E2).

In the records for Harding Lake CDP (place: census code 1310; FIPS code 31820), the FIPS class code should be U1 (it is shown incorrectly as U6).

In the records for Inalik ANVSA (Alaska Native area: census code 7120; FIPS code 35170), the FIPS class code should be E6 (it is shown incorrectly as E1).

In the records for Kalskag ANVSA (Alaska Native area: census code 7180; FIPS code 37320), the FIPS class code should be E6 (it is shown incorrectly as E1).

In the records for Kodiak Station CDP (place: census code 1755), the FIPS code should be 41210 (it is shown incorrectly as 41770).

In the records for Northway CDP (place: census code 2430), the FIPS code should be 56220 (it is shown incorrectly as 56240).

In the records for Pilot Point ANVSA (Alaska Native area: census code 8035), the FIPS code should be 60645 (it is shown incorrectly as 60530).

In the records for Portage Creek ANVSA (Alaska Native area: census code 8120; FIPS code 62290), the FIPS class code should be E1 (it is shown incorrectly as E2).

In the records for Tazlina ANVSA (Alaska Native area: census code 8650; FIPS code 75490), the FIPS class code should be E1 (it is shown incorrectly as E2).

In the records for Upper Kalskag city (place: census code 3440; FIPS code 81320), the FIPS class code should be C6 (it is shown incorrectly as C1).

January 1993

UNITED STATES DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
Washington, DC 20233-0001

March, 1993

To: Census of Population and Housing, 1990: Summary Tape File 4  
Data Users

From: Data User Services Division  
Bureau of the Census

Attached is User Note 6 for the Summary Tape File 4 data. Please file this user note in technical documentation as directed. User Notes 1-5 were included in the technical documentation

These notes are sent automatically without charge to Census Bureau tape purchasers. They are to others on a subscription basis at a cost of \$40 annually. To subscribe, contact Customer Services, Data User Services Division, Bureau of the Census, Washington, DC 20233.

Both user notes and technical notes are available upon release from the State and Regional Programs electronic bulletin board. The bulletin board can be accessed on 301-763-7554.



UNITED STATES DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
Washington, DC 20233-0001

CENSUS OF POPULATION AND HOUSING, 1990:  
SUMMARY TAPE FILE 4

USER NOTE 6

Please insert the attached Table C. Standard Error Design Factors for each State, the District of Columbia, and the United States in appendix C of your documentation following page C-10.

March 1993





## USER NOTE ORDERING INFORMATION

Additional information concerning this file may be available at a later date. If you receive this technical documentation (with or without tape purchase) from the Census Bureau and wish to receive these user notes, please complete the coupon below and return it to:

Data User Services Division  
Customer Services Branch  
Bureau of the Census  
Washington, DC 20233

NAME OF FILE: CENSUS OF POPULATION AND HOUSING, 1990:  
SUMMARY TAPE FILE 4

Please send me any information that becomes available later concerning the file listed above.

Name:

Address:

City and State:

ZIP Code:



DATA DICTIONARY

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IDENTIFICATION SECTION

| Field name | Data dictionary reference name | Field size | Starting position | Data type |
|------------|--------------------------------|------------|-------------------|-----------|
|------------|--------------------------------|------------|-------------------|-----------|

RECORD CODES

|                             |        |   |   |     |
|-----------------------------|--------|---|---|-----|
| File Identification /1..... | FILEID | 8 | 1 | A/N |
| State/US Abbreviation.....  | STUSAB | 2 | 9 | A   |

|    |                      |    |                |    |                                     |
|----|----------------------|----|----------------|----|-------------------------------------|
| AK | Alaska               | LA | Louisiana      | OR | Oregon                              |
| AL | Alabama              | MA | Massachusetts  | PA | Pennsylvania                        |
| AR | Arkansas             | MD | Maryland       | PR | Puerto Rico                         |
| AZ | Arizona              | ME | Maine          | RI | Rhode Island                        |
| CA | California           | MI | Michigan       | SC | South Carolina                      |
| CO | Colorado             | MN | Minnesota      | SD | South Dakota                        |
| CT | Connecticut          | MO | Missouri       | TN | Tennessee                           |
| DC | District of Columbia | MS | Mississippi    | TX | Texas                               |
|    |                      | MT | Montana        | US | United States                       |
| DE | Delaware             | NC | North Carolina | UT | Utah                                |
| FL | Florida              | ND | North Dakota   | VA | Virginia                            |
| GA | Georgia              | NE | Nebraska       | VI | Virgin Islands of the United States |
| HI | Hawaii               | NH | New Hampshire  |    |                                     |
| IA | Iowa                 | NJ | New Jersey     | VT | Vermont                             |
| ID | Idaho                | NM | New Mexico     | WA | Washington                          |
| IL | Illinois             | NV | Nevada         | WI | Wisconsin                           |
| IN | Indiana              | NY | New York       | WV | West Virginia                       |
| KS | Kansas               | OH | Ohio           | WY | Wyoming                             |
| KY | Kentucky             | OK | Oklahoma       |    |                                     |

|                       |        |   |    |   |
|-----------------------|--------|---|----|---|
| Summary Level /2..... | SUMLEV | 3 | 11 | N |
|-----------------------|--------|---|----|---|

|                             |         |   |    |   |
|-----------------------------|---------|---|----|---|
| Geographic Component/3..... | GEOCOMP | 2 | 14 | N |
|-----------------------------|---------|---|----|---|

- 00 Not a geographic component
- 01 Urban
- 02 Urban-in urbanized area
- 03 Urban-in urbanized area-urbanized area central place
- 04 Urban-in urbanized area-not in urbanized area central place
- 05 Urban-not in urbanized area
- 06 Urban-not in urbanized area-place (10,000 or more persons)

- 07 Urban-not in urbanized area-place (2,500 to 9,999 persons)
- 08 Rural
- 09 Rural-place (1,000 to 2,499 population, not in an extended city)
- 10 Rural-place (0 to 999 population, not in an extended city)
- 11 Rural-not in place (or rural part of extended city)
- 12 Rural-farm
- 13 Urban portion of extended city
- 14 Rural portion of extended city
- 20 In metropolitan statistical area/consolidated metropolitan statistical area
- 21 In metropolitan statistical area/consolidated metropolitan statistical area-urban
- 22 In metropolitan statistical area/consolidated metropolitan statistical area-rural
- 23 In metropolitan statistical area/consolidated metropolitan statistical area-in metropolitan statistical area/primary metropolitan statistical area central city
- 24 In metropolitan statistical area/consolidated metropolitan statistical area-not in metropolitan statistical area/primary metropolitan statistical area central city
- 25 In metropolitan statistical area/consolidated metropolitan statistical area-not in metropolitan statistical area/primary metropolitan statistical area central city-urban
- 26 In metropolitan statistical area/consolidated metropolitan statistical area-not in metropolitan statistical area/primary metropolitan statistical area central city-urban-in urbanized area
- 27 In metropolitan statistical area/consolidated metropolitan statistical area-not in metropolitan statistical area/primary metropolitan statistical area central city-urban in urbanized area
- 28 In metropolitan statistical area/consolidated metropolitan statistical area-not in metropolitan statistical area/primary metropolitan statistical area central city-rural
- 30 Not in metropolitan statistical area/consolidated metropolitan statistical area
- 31 Not in metropolitan statistical area/consolidated metropolitan statistical area-urban
- 32 Not in metropolitan statistical area/consolidated metropolitan statistical area-urban-in urbanized area
- 33 Not in metropolitan statistical area/consolidated metropolitan statistical area-urban-not in urbanized area
- 34 Not in metropolitan statistical area/consolidated metropolitan statistical area-urban-not in urbanized area-place (10,000 or more population)
- 35 Not in metropolitan statistical area/consolidated metropolitan statistical area-urban-not in urbanized area-place (2,500 - 9,999 population)
- 36 Not in metropolitan statistical area/consolidated metropolitan statistical area-rural
- 40 American Indian reservation and trust land (American Indian

- reservations (AIR codes 0001-4989) including any trust lands))
- 42 Tribal Jurisdiction Statistical Area (Oklahoma only)
- 43 Tribal Designated Statistical Area
- 44 Alaska Native village statistical area (Alaska only)

Characteristic Iteration /4.....CHARITER            3            16            N

NOTE: The codes below are used only in the B records. A blank in this field indicates an A record.

- 000 All persons
- 001     White
- 002     Black
- 003     American Indian, Eskimo, or Aleut
- 004        American Indian
- 005        Eskimo
- 006        Aleut
- 007     Asian or Pacific Islander
- 008        Asian
- 009        Chinese
- 010        Filipino
- 011        Japanese
- 012        Asian Indian
- 013        Korean
- 014        Vietnamese
- 015        Cambodian
- 016        Hmong
- 017        Laotian
- 018        Thai
- 019        Pacific Islander
- 020        Hawaiian
- 021        Samoan
- 022        Guamanian
- 023     Other race
- 100     Hispanic origin (of any race)
- 101        Mexican
- 102        Puerto Rican
- 103        Cuban
- 104        Other Hispanic
- 135        Dominican (Dominican Republic)
- 136        Central American
- 137        Costa Rican
- 138        Guatemaian
- 139        Honduran
- 140        Nicaraguan
- 141        Panamanian
- 142        Salvadoran
- 143        South American
- 144        Argentinian
- 145        Chilean
- 146        Colombian

|                                   |  |    |             |             |
|-----------------------------------|--|----|-------------|-------------|
| 147                               | Ecuadoran  |    |             |             |
| 148                               | Peruvian   |    |             |             |
| 149                               | Venezuelan   |    |             |             |
| 120                               | White, not of Hispanic origin  |    |             |             |
| 121                               | Black, not of Hispanic origin  |    |             |             |
| 122                               | American Indian, Eskimo, Aleut, not of Hispanic origin   |    |             |             |
| 123                               | Asian or Pacific Islander, not of Hispanic origin  |    |             |             |
| 124                               | Other races, not of Hispanic origin (STF 4A only)  |    |             |             |
| 125                               | Other race, not of Hispanic origin (STF 4B/4C only)  |    |             |             |
|                                   |  |    |             |             |
| Logical Record Number /5.....     | LOGRECNU   | 6  | 19          | N           |
| Logical Record Part Number /6.... | LOGRECPN   | 4  | 25          | N           |
|                                   |  |    |             |             |
| Total Number of Parts             |  |    |             |             |
| in Record /7.....                 | PARTREC  | 4  | 29          | N           |
|                                   |  |    |             |             |
| GEOGRAPHIC AREA CODES             |  |    |             |             |
|                                   |  |    |             |             |
| Alaska Native Regional            |  |    |             |             |
| Corporation /8.....               | ANRC   | 2  | 33          | A/N         |
|                                   |  |    |             |             |
| 07                                | Ahtna  | 35 | Bristol Bay | 63 Doyon    |
| 14                                | Aleut  | 42 | Calista     | 70 Koniag   |
| 21                                | Arctic Slope   | 49 | Chugach     | 77 NANA     |
| 28                                | Bering Straits   | 56 | Cook Inlet  | 84 Sealaska |
|                                   |  |    |             |             |
| American Indian/Alaska            |  |    |             |             |
| Native Area (Census) /9.....      | AIANACE  | 4  | 35          | A/N         |
|                                   |  |    |             |             |
| American Indian/Alaska            |  |    |             |             |
| Native Area (FIPS) /10.....       | AIANAFP  | 5  | 39          | A/N         |
|                                   |  |    |             |             |
| American Indian/Alaska Native     |  |    |             |             |
| Area Class Code.....              | AIANACC  | 2  | 44          | A/N         |
|                                   |  |    |             |             |
| D1                                | Federally recognized American Indian reservation that does not serve as a minor civil division (MCD) equivalent  |    |             |             |
| D2                                | Federally recognized American Indian reservation that also serves as an MCD equivalent   |    |             |             |
| D3                                | American Indian tribal government that holds property in trust-"trust land"-for a tribe or individual member(s) of the tribe, and the trust land(s) is not associated with a specific American Indian reservation or the associated American Indian reservation is not located in this State |    |             |             |
| D4                                | State-recognized American Indian reservation that does not serve as an MCD equivalent  |    |             |             |
| D5                                | State-recognized American Indian reservation that also serves as an MCD equivalent   |    |             |             |
| D6                                | Tribal designated statistical area (TDSA); tribal jurisdiction statistical area (TJSA) (TJSAs occur only in Oklahoma)  |    |             |             |

- E1 Alaska Native village statistical area (ANVSA) that does not coincide with or approximate an incorporated place or a census designated place (CDP)
- E2 ANVSA that coincides with or approximates a CDP
- E6 ANVSA that coincides with or approximates an incorporated place

American Indian Reservation

Trust Land Indicator Code.....ARTLI 1 46 A/N

- 1 American Indian reservation; including Tribal Jurisdiction Statistical Area (TJSA) and Tribal Designated Statistical Area (TDSA)
- 2 Off-reservation trust land
- 9 Not an American Indian area

Block /8.....BLCK 4 47 A/N

Block Group /8.....BLCKGR 1 51 A/N

Census Tract/Block Numbering

Area /8.....TRACTBNA 6 52 A/N

Congressional District (101st

Congress) /8.....CONGDIS 2 58 A/N

- 01-45 The actual congressional district number
- 00 Applies to States whose representative is elected "at large"; i.e., the State has only one representative in the United States House of Representatives
- 98 Applies to areas that have a nonvoting delegate in the United States House of Representatives
- 99 Applies to areas that have no representation in the United States House of Representatives

Consolidated City (Census) /8....CONCITCE 1 60 A/N

- B Butte-Silver Bow, Montana
- C Columbus, Georgia
- I Indianapolis, Indiana
- J Jacksonville, Florida
- M Milford, Connecticut
- N Nashville-Davidson, Tennessee

Consolidated City (FIPS) /8,10...CONCITFP 5 61 A/N

Consolidated City Class

Code /10.....CONCITCC 2 66 A/N

- C3 Consolidated city

Consolidated City Population

Size Code.....CONCITSC 2 68 A/N

- 00 Not in universe 08 500-999 16 25,000-49,999

|                           |  |          |               |    |                     |
|---------------------------|--|----------|---------------|----|---------------------|
| 01                        | 0  | 09       | 1,000-1,499   | 17 | 50,000-99,999       |
| 02                        | 1-24   | 10       | 1,500-1,999   | 18 | 100,000-249,999     |
| 03                        | 25-99  | 11       | 2,000-2,499   | 19 | 250,000-499,999     |
| 04                        | 100-199  | 12       | 2,500-4,999   | 20 | 500,000-999,999     |
| 05                        | 200-249  | 13       | 5,000-9,999   | 21 | 1,000,000-2,499,999 |
| 06                        | 250-299  | 14       | 10,000-19,999 | 22 | 2,500,000-4,999,999 |
| 07                        | 300-499  | 15       | 20,000-24,999 | 23 | 5,000,000 or more   |
| Consolidated Metropolitan |  |          |               |    |                     |
|                           | Statistical Area /9.....CMSA   |          |               | 2  | 70 A/N              |
|                           | County /9 .....  | CNTY     |               | 3  | 72 A/N              |
|                           | County Population Size Code.....   | CNTYSC   |               | 2  | 75 A/N              |
| 00                        | Not in universe  | 08       | 500-999       | 16 | 25,000-49,999       |
| 01                        | 0  | 09       | 1,000-1,499   | 17 | 50,000-99,999       |
| 02                        | 1-24   | 10       | 1,500-1,999   | 18 | 100,000-249,999     |
| 03                        | 25-99  | 11       | 2,000-2,499   | 19 | 250,000-499,999     |
| 04                        | 100-199  | 12       | 2,500-4,999   | 20 | 500,000-999,999     |
| 05                        | 200-249  | 13       | 5,000-9,999   | 21 | 1,000,000-2,499,999 |
| 06                        | 250-299  | 14       | 10,000-19,999 | 22 | 2,500,000-4,999,999 |
| 07                        | 300-499  | 15       | 20,000-24,999 | 23 | 5,000,000 or more   |
| County Subdivision        |  |          |               |    |                     |
|                           | (Census) /9.....   | COUSUBCE |               | 3  | 77 A/N              |
|                           | County Subdivision (FIPS) /10....  | COUSUBFP |               | 5  | 80 A/N              |
|                           | County Subdivision Class Code....  | COUSUBCC |               | 2  | 85 A/N              |
| C2                        | Incorporated place that also serves as a minor civil division (MCD) equivalent because, although the place is coextensive with an MCD, the Census Bureau, in agreement with State officials, does not recognize that MCD for presenting census data because the MCD cannot provide governmental services (Ohio only) |          |               |    |                     |
| C5                        | Incorporated place that also serves as an MCD equivalent because it is not part of an MCD or a county subdivision classified as Z5   |          |               |    |                     |
| C7                        | Incorporated place that also serves as a county equivalent and an MCD equivalent; generally referred to as an "independent city"   |          |               |    |                     |
| D2                        | Federally recognized American Indian reservation that also serves as an MCD equivalent   |          |               |    |                     |
| D5                        | State-recognized American Indian reservation that also serves as an MCD equivalent   |          |               |    |                     |
| T1                        | Governmentally active minor civil division (MCD) that is not coextensive with an incorporated place  |          |               |    |                     |
| T5                        | Governmentally active MCD that is coextensive with an incorporated place   |          |               |    |                     |
| Z1                        | MCD that is governmentally inactive or cannot provide general-   |          |               |    |                     |



- purpose governmental services
- Z3 Unorganized territory identified by the Census Bureau as an MCD equivalent for presenting census data
- Z5 Census county division (CCD); census subarea (CSA) (Alaska only); census subdistrict (Virgin Islands only)
- Z7 Incorporated place that the Census Bureau treats as a minor civil division (MCD) equivalent because it is not in any MCD or is coextensive with a legally established but nonfunctioning MCD that the Census Bureau does not recognize for data presentation, AND is located in a State or county whose MCDs cannot provide governmental services (Iowa and Nebraska only)

|   |                    |    |                      |          |                     |     |     |
|---|--------------------|----|----------------------|----------|---------------------|-----|-----|
| County Subdivision Population   |                    |    |                      |          |                     |     |     |
| Size Code.....  | COUSUBSC           |    | 2                    | 87       | A/N                 |     |     |
| 00  | Not in universe    | 08 | 500-999              | 16       | 25,000-49,999       |     |     |
| 01  | 0                  | 09 | 1,000-1,499          | 17       | 50,000-99,999       |     |     |
| 02  | 1-24               | 10 | 1,500-1,999          | 18       | 100,000-249,999     |     |     |
| 03  | 25-99              | 11 | 2,000-2,499          | 19       | 250,000-499,999     |     |     |
| 04  | 100-199            | 12 | 2,500-4,999          | 20       | 500,000-999,999     |     |     |
| 05  | 200-249            | 13 | 5,000-9,999          | 21       | 1,000,000-2,499,999 |     |     |
| 06  | 250-299            | 14 | 10,000-19,999        | 22       | 2,500,000-4,999,999 |     |     |
| 07  | 300-499            | 15 | 20,000-24,999        | 23       | 5,000,000 or more   |     |     |
| Division /8.....  |                    |    |                      | DIVIS    | 1                   | 89  | A/N |
| 0   | Not in a division  | 4  | West North Central   | 7        | West South Central  |     |     |
| 1   | New England        | 5  | South                | 8        | Mountain            |     |     |
| 2   | Middle Atlantic    | 6  | East South Central   | 9        | Pacific             |     |     |
| 3   | East North Central |    |                      |          |                     |     |     |
| Extended City Indicator /8.....   |                    |    |                      | EXTCITIN | 1                   | 90  | A/N |
| 1   | Extended city      | 9  | Not an extended city |          |                     |     |     |
| Internal Use Code /11.....  |                    |    |                      | INTUC    | 15                  | 91  | A/N |
| Metropolitan Statistical Area/<br>Consolidated Metropolitan<br>Statistical Area /9..... |                    |    |                      | MSACMSA  | 4                   | 106 | A/N |
| MSA/CMSA Population Size Code....   |                    |    |                      | MSACMSAS | 2                   | 110 | A/N |
| 00  | Not in universe    | 08 | 500-999              | 16       | 25,000-49,999       |     |     |
| 01  | 0                  | 09 | 1,000-1,499          | 17       | 50,000-99,999       |     |     |
| 02  | 1-24               | 10 | 1,500-1,999          | 18       | 100,000-249,999     |     |     |
| 03  | 25-99              | 11 | 2,000-2,499          | 19       | 250,000-499,999     |     |     |
| 04  | 100-199            | 12 | 2,500-4,999          | 20       | 500,000-999,999     |     |     |
| 05  | 200-249            | 13 | 5,000-9,999          | 21       | 1,000,000-2,499,999 |     |     |
| 06  | 250-299            | 14 | 10,000-19,999        | 22       | 2,500,000-4,999,999 |     |     |

|                        |         |    |               |    |                   |     |
|------------------------|---------|----|---------------|----|-------------------|-----|
| 07                     | 300-499 | 15 | 20,000-24,999 | 23 | 5,000,000 or more |     |
| Place (Census) /9..... | PLACECE |    |               | 4  | 112               | A/N |
| Place (FIPS) /10.....  | PLACEFP |    |               | 5  | 116               | A/N |
| Place Class Code.....  | PLACECC |    |               | 2  | 121               | A/N |

- C1 Incorporated place that is governmentally active, is not related to an Alaska Native village statistical area (ANVSA), and does not serve as a minor civil division (MCD) equivalent
- C2 Incorporated place that also serves as a minor civil division (MCD) equivalent because, although the piece is coextensive with an MCD, the Census Bureau, in agreement with State officials, does not recognize that MCD for presenting census data because the MCD cannot provide governmental services (Iowa and Ohio only)
- C5 Incorporated place that also serves as an MCD equivalent because it is not part of an MCD
- C6 Incorporated place that coincides with or approximates an ANVSA
- C7 Incorporated place that also serves as a county equivalent; generally referred to as an "independent city"
- C8 The portion ("remainder") of a consolidated city that excludes the incorporated place(s) within that jurisdiction
- C9 Incorporated place whose government is operationally inactive and is not included in any other C subclass
- M2 Military or Coast Guard installation (or part of an installation) that serves as a census designated place (CDP)
- U1 CDP with a name that is commonly recognized for the populated area
- U2 CDP with a name that is not commonly recognized for the populated area (e.g., a combination of the names of two or three commonly recognized communities, or a name that identifies the location of the CDP in relation to an adjacent incorporated place)
- U9 CDP that coincides with or approximates an ANVSA.

Note: In Ohio, a multi-county place that has a different MCD relationship in each county is assigned only a single class code of C1, C2, or C5.

|                             |         |  |  |   |     |     |
|-----------------------------|---------|--|--|---|-----|-----|
| Place Description Code..... | PLACEDC |  |  | 1 | 123 | A/N |
|-----------------------------|---------|--|--|---|-----|-----|

- 1 Incorporated central city of a metropolitan statistical area/primary/metropolitan statistical area (MSA/PMSA), but not a central place of an urbanized area (UA)
- 2 Incorporated central place of an urbanized area (UA), but not a central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA)
- 3 Incorporated central city of a metropolitan statistical area/primary metropolitan statistical area/primary statistical area

- (MSA/PMSA) and a central place of an urbanized area (UA)
- 4 Consolidated city or an incorporated place that is not a central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA) and not a central place of an urbanized area (UA)
- 5 Incorporated place, which is the central place of an urbanized area (UA), but only part of which is the central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA)
- 6 Incorporated place, which is not a central place of an urbanized area (UA), but part of which is the central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA)
- A Census designated place (CDP) that is a central place of an urbanized area (UA), but not a central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA)
- B Census designated place (CDP) that is a central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA), but not a central place of an urbanized area (UA)
- C Census designated place (CDP) that is a central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA) and a central place of an urbanized area (UA)
- D Census designated place (CDP) that is in a 1980 or special census urbanized area (UA) and is not a central city or a central place; these CDP's must have a 1990 population of at least 300 in Hawaii and the Virgin Islands of the United States, 1,000 in Puerto Rico, and 2,500 elsewhere
- E Census designated place (CDP) not classified elsewhere; these CDP's must meet the following minimum population requirements:
  - 300 in Hawaii and the Virgin Islands of the United States
  - 25 in Alaska
  - 1,000 in all other States and Puerto Rico
- F Zona urbana that is a central place of an urbanized area (UA) in Puerto Rico, but not a central city of a metropolitan statistical area/primary metropolitan statistical was (MSA/PMSA)
- G Zona urbana that is a central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA) in Puerto Rico, but not a central place of an urbanized area (UA)
- H Zona urbana that is a central city of a metropolitan statistical area/primary metropolitan statistical area (MSA/PMSA) and a central place of an urbanized area (UA)
- I Zona urbana in Puerto Rico that is not a central city or a central place
- L Census designated place (CDP) entirely within an American Indian reservation and entirely outside of a 1980 or special census urbanized area (UA); these CDP's must have a 1990 population of at least 25 in Alaska and 250 elsewhere

Place Population Size Code.....PLACESC                    2                    124                    A/N

|    |                 |    |               |    |                     |
|----|-----------------|----|---------------|----|---------------------|
| 00 | Not in universe | 08 | 500-999       | 16 | 25,000-49,999       |
| 01 | 0               | 09 | 1,000-1,499   | 17 | 50,000-99,999       |
| 02 | 1-24            | 10 | 1,500-1,999   | 18 | 100,000-249,999     |
| 03 | 25-99           | 11 | 2,000-2,499   | 19 | 250,000-499,999     |
| 04 | 100-199         | 12 | 2,500-4,999   | 20 | 500,000-999,999     |
| 05 | 200-249         | 13 | 5,000-9,999   | 21 | 1,000,000-2,499,999 |
| 06 | 250-299         | 14 | 10,000-19,999 | 22 | 2,500,000-4,999,999 |
| 07 | 300-499         | 15 | 20,000-24,999 | 23 | 5,000,000 or more   |

Primary Metropolitan Statistical

Area /9.....PMSA 4 126 A/N

Region /8.....REG 1 130 A/N

1 Northeast 2 Midwest 3 South 4 West

State (Census) /8.....STATECE 2 131 A/N

|    |  |    |                         |    |            |
|----|--|----|-------------------------|----|------------|
| 06 | Puerto Rico                            | 43 | Missouri                | 71 | Arkansas   |
| 07 | Virgin Islands of<br>the United States | 44 | North Dakota            | 72 | Louisiana  |
|    |  | 45 | South Dakota            | 73 | Oklahoma   |
| 11 | Maine                                  | 46 | Nebraska                | 74 | Texas      |
| 12 | New Hampshire                          | 47 | Kansas                  | 81 | Montana    |
| 13 | Vermont                                | 51 | Delaware                | 82 | Idaho      |
| 14 | Massachusetts                          | 52 | Maryland                | 83 | Wyoming    |
| 15 | Rhode Island                           | 53 | District of<br>Columbia | 84 | Colorado   |
| 16 | Connecticut                            |    |                         | 85 | New Mexico |
| 21 | New York                               | 54 | Virginia                | 86 | Arizona    |
| 22 | New Jersey                             | 55 | West Virginia           | 87 | Utah       |
| 23 | Pennsylvania                           | 56 | North Carolina          | 88 | Nevada     |
| 31 | Ohio                                   | 57 | South Carolina          | 91 | Washington |
| 32 | Indiana                                | 58 | Georgia                 | 92 | Oregon     |
| 33 | Illinois                               | 59 | Florida                 | 93 | California |
| 34 | Michigan                               | 61 | Kentucky                | 94 | Alaska     |
| 35 | Wisconsin                              | 62 | Tennessee               | 95 | Hawaii     |
| 41 | Minnesota                              | 63 | Alabama                 |    |            |
| 42 | Iowa                                   | 64 | Mississippi             |    |            |

State (FIPS) /8.....STATEFP 2 133 A/N

|    |                         |    |               |    |                |
|----|-------------------------|----|---------------|----|----------------|
| 01 | Alabama                 | 22 | Louisiana     | 41 | Oregon         |
| 02 | Alaska                  | 23 | Maine         | 42 | Pennsylvania   |
| 04 | Arizona                 | 24 | Maryland      | 44 | Rhode Island   |
| 05 | Arkansas                | 25 | Massachusetts | 45 | South Carolina |
| 06 | California              | 26 | Michigan      | 46 | South Dakota   |
| 08 | Colorado                | 27 | Minnesota     | 47 | Tennessee      |
| 09 | Connecticut             | 28 | Mississippi   | 48 | Texas          |
| 10 | Delaware                | 29 | Missouri      | 49 | Utah           |
| 11 | District of<br>Columbia | 30 | Montana       | 50 | Vermont        |
|    |                         | 31 | Nebraska      | 51 | Virginia       |
| 12 | Florida                 | 32 | Nevada        | 53 | Washington     |

|   |                 |    |                |    |                                       |     |
|---|-----------------|----|----------------|----|---------------------------------------|-----|
| 13  | Georgia         | 33 | New Hampshire  | 54 | West Virginia                         |     |
| 15  | Hawaii          | 34 | New Jersey     | 55 | Wisconsin                             |     |
| 16  | Idaho           | 35 | New Mexico     | 56 | Wyoming                               |     |
| 17  | Illinois        | 36 | New York       | 72 | Puerto Rico                           |     |
| 18  | Indiana         | 37 | North Carolina | 78 | Virgin Islands of<br>the United Sates |     |
| 19  | Iowa            | 38 | North Dakota   |    |                                       |     |
| 20  | Kansas          | 39 | Ohio           |    |                                       |     |
| 21  | Kentucky        | 40 | Oklahoma       |    |                                       |     |
|   |                 |    |                |    |                                       |     |
| Urban/Rural /8.....                         | URBANRUR        |    |                | 1  | 135                                   | A/N |
| 1   | Urban           | 2  | Rural          |    |                                       |     |
|   |                 |    |                |    |                                       |     |
| Urbanized Area /9.....                      | URBAREA         |    |                | 4  | 136                                   | A/N |
|   |                 |    |                |    |                                       |     |
| Urbanized Area Population Size<br>Code..... | UASC            |    |                | 2  | 140                                   | A/N |
| 00  | Not in universe | 08 | 500-999        | 16 | 25,000-49,999                         |     |
| 01  | 0               | 09 | 1,000-1,499    | 17 | 50,000-99,999                         |     |
| 02  | 1-24            | 10 | 1,500-1,999    | 18 | 100,000-249,999                       |     |
| 03  | 25-99           | 11 | 2,000-2,499    | 19 | 250,000-499,999                       |     |
| 04  | 100-199         | 12 | 2,500-4,999    | 20 | 500,000-999,999                       |     |
| 05  | 200-249         | 13 | 5,000-9,999    | 21 | 1,000,000-2,499,999                   |     |
| 06  | 250-299         | 14 | 10,000-19,999  | 22 | 2,500,000-4,999,999                   |     |
| 07  | 300-499         | 15 | 20,000-24,999  | 23 | 5,000,000 or more                     |     |
|   |                 |    |                |    |                                       |     |
| Special Area Code (1).....                  | SAC1            |    |                | 5  | 142                                   | A/N |
| Special Area Code (2).....                  | SAC2            |    |                | 5  | 147                                   | A/N |
| Special Area Code (3).....                  | SAC3            |    |                | 4  | 152                                   | A/N |
| Special Area Code (4).....                  | SAC4            |    |                | 4  | 156                                   | A/N |
| Special Area Code (5).....                  | SAC5            |    |                | 3  | 160                                   | A/N |
| Special Area Code (6).....                  | SACS            |    |                | 3  | 163                                   | A/N |
| Special Area Code (7).....                  | SAC7            |    |                | 2  | 166                                   | A/N |
| Special Area Code (8).....                  | SAC8            |    |                | 2  | 168                                   | A/N |
| Special Area Code (9).....                  | SAC9            |    |                | 1  | 170                                   | A/N |
| Special Area Code (10).....                 | SAC10           |    |                | 1  | 171                                   | A/N |
|   |                 |    |                |    |                                       |     |
| AREA CHARACTERISTICS                        |                 |    |                |    |                                       |     |
| Area (land) /12.....                        | AREALAND        |    |                | 10 | 172                                   | A/N |

|  |    |     |     |
|--|----|-----|-----|
| Area (water) /13.....AREAWAT                           | 10 | 182 | A/N |
| Area Name/PSAD Term/Part<br>Indicator /14.....ANPSADPI | 66 | 192 | A/N |
| Functional Status Code.....FUNCSTAT                    | 1  | 258 | A/N |

- A Active governmental unit, except American Indian reservations and Alaska Native village statistical areas.-An active governmental unit has the legal capacity to have officers, to raise revenue, and to conduct governmental activities under State laws, and currently is doing so.
- B Functioning governmental unit providing no substantive governmental services.-These areas maybe coextensive with and administered by officials of another governmental unit (such as towns in Connecticut that are coextensive with cities), or the number of officials and/or the functions they perform are so minimal and/or vestigial that the Census Bureau does not recognize them as governmental units for census purposes (such as townships in Iowa).
- F False entity.-In order to maintain complete coverage of every State at the county level and of every county at the county subdivision level, we create false entities at these levels for any place that is independent of a county or independent of a minor civil division (MCD). This code also is used for place records that represent the remainder of a consolidated city or the remainder of a county subdivision.
- I Inactive governmental unit.-An inactive governmental unit has the legal capacity to be active, but currently has no legal officers, raises no revenues, and conducts no activities.
- N Nonfunctioning governmental unit.-A nonfunctioning governmental unit has legally established boundaries, but has no legal capacity to conduct governmental activity.
- R An American Indian reservation, an American Indian tribe whose name is associated with trust lands, or an Alaska Native village statistical area,
- S Statistical entity, except Alaska Native village statistical areas and tribal jurisdiction statistical areas.-A statistical entity has no governmental status and is defined by or in cooperation with the Census Bureau or other Federal agency. This category includes census regions, census divisions, census county divisions (CCDs), census designated places (CDPs), metropolitan areas (MSA/CMSA/PMSAs), urbanized areas (UAs), unorganized territories (UTs), tribal designated statistical areas (TDSAs), census areas and census subareas in Alaska, and comunidades and zonas urbanas in Puerto Rico.
- T Tribal jurisdiction statistical area.-A tribal jurisdiction statistical was (TJSA) is not a legally defined governmental unit, but is recognized as a statistical was for the 1990 census. These areas exist only in the State of Oklahoma and were not recognized separately in 1980.



- entity in census publications and related data products.
- 20 Barrio-minor civil division (MCD) in Puerto Rico; "barrio" is appended to the name of the entity in census publications and related data products.
  - 21 Borough-minor civil division (MCD) in New York; MCD equivalent in New Jersey and Pennsylvania; "borough" is appended to the name of the entity in census publications and related data products.
  - 22 Census county division (CCD)-minor civil division (MCD) equivalent in 21 States; "division" is appended to the name of the entity in census publications and related data products.
  - 23 Census subarea-minor civil division (MCD) equivalent in Alaska; "census subarea" is appended to the name of the entity in census publications and related data products.
  - 24 Census subdistrict-minor civil division (MCD) equivalent in the Virgin Islands of the United States; "subdistrict" is appended to the name of the entity in census publications and related data products.
  - 25 City-minor civil division (MCD) equivalent in 20 States; "city" is appended to the name of the entity in census publications and related data products.
  - 27 District (magisterial, road)-minor civil division (MCD) in Pennsylvania, Virginia, and West Virginia; "district" is appended to the name of the entity in census publications and related data products.
  - 28 District (assessment, election, magisterial, supervisors', or parish governing authority)-minor civil division (MCD) in Louisiana, Maryland, Mississippi, and West Virginia; no status is appended to the name of the entity in census publications and related data products.
  - 29 Election precinct-minor civil division (MCD) in Illinois and Nebraska; "precinct" is appended to the name of the entity in census publications and related data products.
  - 30 Election precinct-minor civil division (MCD) in Illinois and Nebraska; no status is appended to the name of the entity in census publications and related data products.
  - 31 Gore-minor civil division (MCD) in Maine and Vermont; "gore" is appended to the name of the entity in census publications and related data products.
  - 32 Grant-minor civil division (MCD) in New Hampshire and Vermont; "grant" is appended to the name of the entity in census publications and related data products.
  - 33 Independent city-minor civil division (MCD) equivalent in Maryland, Missouri, and Virginia; "city" is appended to the name of the entity in census publications and related data products.
  - 34 Independent city-minor civil division (MCD) equivalent in Nevada; no status is appended to the name of the entity in census publications and related data products.
  - 36 Location-minor civil division (MCD) in New Hampshire; "location" is appended to the name of the entity in census publications and



- related data products.
- 38 (none)-minor civil division (MCD) equivalent for District of Columbia and Arlington County, Virginia; no status is appended to the name of the entity in census publications and related data products.
- 39 Plantation-minor civil division (MCD) in Maine; "plantation" is appended to the name of the entity in census publications and related data products.
- 40 Plantation-minor civil division (MCD) in Maine; no status is appended to the name of the entity in census publications and related data products.
- 41 Barrio-pueblo-minor civil division (MCD) in Puerto Rico; "barrio-pueblo" is appended to name of the entity in census publications and related data products.
- 42 Purchase-minor civil division (MCD) in New Hampshire; "purchase" is appended to the name of the entity in census publications and related data products.
- 43 Town-minor civil division (MCD) in 8 States; MCD equivalent in New Jersey, Pennsylvania, and South Dakota; "town" is appended to the name of the entity in census public and data products.
- 44 Township-minor civil division (MCD) in 16 States; "township" is appended to the name of the entity in census publications and related data products.
- 45 Township-minor civil division (MCD) in Kansas, Nebraska, and North Carolina; no status is appended to the name of the entity in census publications and related data products.
- 46 Unorganized territory-minor civil division (MCD) in 9 States; "unorg." is appended to the name of the entity in census publications and related data products.
- 47 Village-minor civil division (MCD) equivalent in New Jersey, Ohio, South Dakota, and Wisconsin; "village" is appended to the name of the entity in census publications and related data products.
- 51 Subbarrio-sub-minor civil division (sub-MCD) in Puerto Rico; "subbarrio" is appended to the name of the entity in census publications and related data products.
- 55 Comunidad-place (census designated place) in Puerto Rico; "comunidad" is appended to the name of the entity in census publications and related data products.
- 56 Borough-place in Connecticut, New Jersey, and Pennsylvania; "borough" is appended to the name of the entity in census publications and related data products.
- 57 Census designated place-place; "CDP" is appended to the name of the entity in census publications and related data products.
- 58 City-place; "city" is appended to the name of the entity in census publications and related data products.
- 59 City-place; used for some cites that have a unique description, no description, or a description included with their name, as follows:  
    Anaconda-Deer Lodge County (Montana): incorporated municipality;

Butte-Silver Bow (remainder) (Montana): (none);  
 Carson City, Nevada: (none);  
 Columbus city (remainder) (Georgia): (none);  
 Indianapolis city (remainder) (Indiana): (none);  
 Jacksonville city (remainder) (Florida): (none);  
 Lexington-Fayette (Kentucky): Urban County Government;  
 Lynchburg-Moore County (Tennessee): (none);  
 Milford city (remainder) (Connecticut): (none);  
 Nashville-Davidson (remainder) (Tennessee): "Metropolitan  
 Government of Nashville and Davidson County";

No status is appended to the name of the entity in census publications and related data products.

- 60 Town-place; place in 30 States and the Virgin Islands of the United States; "town" is appended to the name of the entity in census publications and related data products.
- 61 Village-place; place in 19 States; "village" is appended to the name of the entity in census publications and related data products.
- 62 Zona urban-place (census designated place) in Puerto Rico; "zona urbana" is appended to the name of the entity in census publications and related data products.
- 65 Consolidated city in Connecticut, Florida, Georgia, and Indiana-"city" is appended to the name of the entity in census publications and related data products.
- 66 Consolidated city-used for some consolidated cities that have unique descriptions or no descriptions, as follows:  
 Butte-Silver Bow (Montana): (none);  
 Nashville-Davidson (Tennessee): "Metropolitan Government of Nashville and Davidson County";
- No status is appended to the name of the entity in census publications and related data products.
- 68 Census region-no status is appended to the name of the entity in census publications and related data products.
- 69 Census division-no status is appended to the name of the entity in census publications and related data products.
- 71 Consolidated metropolitan statistical area (CMSA)-"CMSA" is appended to the name of the entity in census publications and related data products.
- 72 Metropolitan statistical area (MSA)-"MSA" is appended to the name of the entity in census publications and related data products.
- 73 Primary metropolitan statistical area (PMSA)-"PMSA" is appended to the name of the entity in census publications and related data products.
- 75 Urbanized area (UA)-no status is appended to the name of the entity in publications and related data products.
- 77 Alaska Native Regional Corporation-no status is appended to the name of the entity in census publications and related data products.
- 79 Alaska Native village statistical area-no status is appended to the name of the entity in census publications and related

- data products.
- 80 Tribal designated statistical area-American Indian reservation equivalent for non-land-based tribes outside of Oklahoma; "TDSA" is appended to the name of the entity in census publications and related data products.
  - 81 Colony-American Indian reservation; "Colony" is appended to the name of the entity in census publications and related data products.
  - 82 Community-American Indian reservation; "Community" is appended to the name of the entity in census publications and related data products.
  - 83 Joint area-American Indian reservation equivalent; "joint area" is appended to the name of the entity in census publications and related data products.
  - 84 Pueblo-American Indian reservation; "Pueblo" is appended to the name of the entity in census publications and related data products.
  - 85 Rancheria-American Indian reservation; "Rancheria" is appended to the name of the name of the entity in census publications and related data products.
  - 86 Reservation-American Indian reservation; "Reservation" is appended to the name of the entity in census publications and related data products.
  - 87 Reserve-American Indian reservation; "Reserve" is appended to the name of the entity in census publications and related data products.
  - 88 Tribal jurisdiction statistical area-American Indian reservation equivalent representing historic tribal areas in Oklahoma; "TJSA" is appended to the name of the entity in census publications and related data products.
  - 89 Trust lands-American Indian reservation equivalent; no status is appended to the name of the entity in census publications and related data products.
  - 90 (none)-American Indian reservation; no status is appended to the name of the entity in census publications and related data products.

|   |   |     |     |
|---|---|-----|-----|
| Population Count (100 percent) /18.....POP100 | 9 | 291 | A/N |
| Special Flag.....SPFLAG                       | 1 | 300 | A/N |

FOOTNOTES

1. A unique identifier for each file series. File identification codes for summary tape files are STFnn where nn = file number; for example, STF1A is the identification for Summary Tape File 1A. File identification codes for subject summary tape files are SSTFnn where nn = the number of the subject report. File identification codes for special project files are identified by SPmmm where mmm = a three digit special project number. See How

to Use This File for further information.

2. Identifies the geographic level for which the data matrices on the summary tape file have been summarized. The summary level sequence chart describes the hierarchical arrangement of the specified geographic areas with other geographic areas, if any. The summary level must be used in combination with the geographic area codes to identify a specific geographic area (for example, summary level 050 and a specific county code must be used together to locate the data for a particular county). See How to Use This File for further information.
3. Indicates an iteration (repetition), for the specified summary level, of the data matrices on the summary tape file for the geographic components listed in the Geographic Component field. See How To Use This File for further information.
4. Indicates an iteration (repetition), for the specified summary level, of the data matrices on the summary tape file for a population or housing characteristic. Only matrices containing a "B" in the prefix have characteristic iterations. See How to Use This File for further information.
5. The logical record is the complete record (identification and set of tables matrices)) for a geographic entity defined by the summary level, but exclusive of the characteristic iteration. A logical record may have one or more parts (or segments). Each logical record has an assigned sequential integer number within the file. See How to Use This File for further information.
6. Within the logical record, each part is identified uniquely in terms of its sequence. See How to Use This File for further information.
7. This field identifies how many parts (or segments) comprise the entire logical record. See How to Use This File for further information.
8. See Appendix A, Area Classifications, for definition of this field if it is applicable to this file.
9. See the publication, GEOGRAPHIC IDENTIFICATION CODE SCHEME, for codes in this field and related terminology if it is applicable to this file. See Appendix A, Area Classifications, for definition of this field if it is applicable to this file.
10. See the publication, GEOGRAPHIC IDENTIFICATION CODE SCHEME, for FIPS 55 codes in this field and related terminology if it is applicable to this file. See Appendix A, Area Classifications, for definition of this field if it is applicable to this file.

11. Codes in unspecified arrangement for Census Bureau use.
12. Land area measurement in thousandths (.001) of a square kilometer. The accuracy of the area measurement is limited by the inaccuracy inherent in 1) the mapping of the various boundary features in the TIGER File and 2) rounding affecting the last digit in all operations that compute and/or sum the area measurements. Land area includes intermittent water and glaciers, which appear on census maps and in the TIGER File as hydrographic features. An area of .0005 square kilometer is rounded to .001; an area smaller than .0005 is rounded to .000. The decimal point is implied on the file. Square miles can be derived by dividing square kilometers by 2.59. See Appendix A, Area Classifications, for definition of this field if it is applicable to this file.
13. Water area measurement in thousandths (.001) of a square kilometer. Water area is excluded from census blocks by definition, so the water area for a block always will be zero. The accuracy of the area measurement is limited by the inaccuracy inherent in 1) the mapping of the various boundary features in the TIGER File and 2) rounding affecting the last digit in all operations that compute and/or sum the area measurements. Water area excludes intermittent water and glaciers, which are treated as land even though they appear on census maps and in the TIGER File as hydrographic features. An area of .0005 square kilometer is rounded to .001; an area smaller than .0005 is rounded to .000. The decimal point is implied on the file. Square miles can be derived by dividing square kilometers by 2.59. See Appendix A, Area Classifications, for definition of this field if it is applicable to this file.
14. Name of the lowest-level entity represented by the summary level. In addition to the name of the entity, the name field contains the political/statistical area description (PSAD) when appropriate, and sometimes contains the State abbreviation.

For legal entities, the name is the one reported to the Bureau of the Census in the Boundary and Annexation Survey and by other appropriate sources; for statistical entities, the name is determined by the Office of Management and Budget for metropolitan areas and, for other areas, the name is determined by the Bureau of the Census, usually in cooperation with local officials.

When the summary level represents only part of the area specified in the name, the name usually will have "(pt.)" appended to the name/code terminology to designate that this entry for the entity represents only a part of the total entity.

15. The total number of housing units enumerated in the specified

summary level as determined in the 100-percent processing.

16. Latitude in degrees, to six decimal places, of a point within the geographic area represented by the summary level. The decimal point is implied on the file. The character immediately preceding the first digit of the latitude of an internal point identifies the direction (hemisphere): a plus sign (+) indicates the Northern Hemisphere; a minus sign (-) indicates the Southern Hemisphere. See Appendix A, Area Classifications, for definition of this field if it is applicable to this file.
17. Longitude in degrees, to six decimal places, of a point with the geographic area represented by the summary level. The decimal point is implied on the file. The character immediately preceding the first digit of the longitude of an internal point identifies the direction (hemisphere): a plus sign (+) indicates the Eastern Hemisphere; a minus sign (-) indicates the Western Hemisphere. A point on the 180th meridian is assigned to the Western Hemisphere (-180000000). See Appendix A, Area Classifications, for definition of this field if it is applicable to this file.
18. The total number of persons enumerated in the specified summary level as determined in the 100-percent processing.

TABLE (MATRIX) SECTION

| TABLE<br>(MATRIX)<br>NUMBER | TABLE<br>(MATRIX)   | STARTING<br>POSITION   | STARTING<br>POSITION<br>WITHIN<br>SEGMENT  | TABLE<br>(MATRIX)<br>COOR-<br>DINATES     |
|-----------------------------|---|--|--|---|
| PA1.                        | PERSONS(1) (1)<br>Universe: Persons<br>Total.....   | 301.....   | 301.....   | 1   |
| PA2.                        | UNWEIGHTED SAMPLE COUNT OF PERSONS(1) (1)<br>Universe: Persons<br>Total.....  | 310.....   | 310.....   | 1   |
| PA3.                        | 100-PERCENT COUNT OF PERSONS(1) (1)<br>Universe: Persons<br>Total.....  | 319.....   | 319.....   | 1   |
| PA3A.                       | PERCENT OF PERSONS IN SAMPLE(1) (1)<br>1 implied decimal(s)<br>Universe: Persons<br>Total.....  | 328.....   | 328.....   | 1   |
| PA4.                        | URBAN, RURAL, AND FARM RESIDENCE AND<br>ACREAGE OF PROPERTY(10) (10)<br>Universe: Persons<br>Urban:<br>Inside urbanized area:<br>In households:<br>In housing units on properties<br>of less than 1 acre.....<br>In housing units on properties<br>of 1 acre or more.....<br>In group quarters.....<br>Outside urbanized area:<br>In households:<br>In housing units on properties<br>of less than 1 acre.....<br>In housing units on properties<br>of 1 acre or more.....<br>In group quarters.....<br>Rural:<br>In households:<br>In housing units on properties<br>of less than 1 acre.....<br>In housing units on properties<br>of 1 acre or more:<br>Farm.....<br>Nonfarm..... | 337.....<br>346.....<br>355.....<br>364.....<br>373.....<br>382.....<br>391.....<br>400.....<br>409..... | 337.....<br>346.....<br>355.....<br>364.....<br>373.....<br>382.....<br>391.....<br>400.....<br>409..... | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9 |

|      |   |         |         |    |
|------|---|---------|---------|----|
|      | In group quarters.....  | 418.... | 418.... | 10 |
| PA5. | RACE(37) (37)   |         |         |    |
|      | Universe: Persons   |         |         |    |
|      | White (800-869, 971).....   | 427.... | 427.... | 1  |
|      | Black (870-934, 972).....   | 436.... | 436.... | 2  |
|      | American Indian, Eskimo, or Aleut<br>(000-599, 935-970, 973-975): |         |         |    |
|      | American Indian (000-599, 973)....                                | 445.... | 445.... | 3  |
|      | Eskimo (935-940, 974).....  | 454.... | 454.... | 4  |
|      | Aleut (941-970, 975).....   | 463.... | 463.... | 5  |
|      | Asian or Pacific Islander (600-699,<br>976-985):                  |         |         |    |
|      | Asian (600-652, 976, 977, 979-982,<br>985):                       |         |         |    |
|      | Chinese (605-607, 976):   |         |         |    |
|      | Chinese, except Taiwanese<br>(605, 976).....                      | 472.... | 472.... | 6  |
|      | Taiwanese (606, 607).....   | 481.... | 481.... | 7  |
|      | Filipino (608, 977).....  | 490.... | 490.... | 8  |
|      | Japanese (611, 981).....  | 499.... | 499.... | 9  |
|      | Asian Indian (600, 982).....                                      | 508.... | 508.... | 10 |
|      | Korean (612, 979).....  | 517.... | 517.... | 11 |
|      | Vietnamese (619, 980).....  | 526.... | 526.... | 12 |
|      | Cambodian (604).....  | 535.... | 535.... | 13 |
|      | Hmong (609).....  | 544.... | 544.... | 14 |
|      | Laotian (613).....  | 553.... | 553.... | 15 |
|      | Thai (618).....   | 562.... | 562.... | 16 |
|      | Other Asian (601-603, 610, 614-<br>617, 620-652, 985):            |         |         |    |
|      | Bangladeshi (601).....  | 571.... | 571.... | 17 |
|      | Burmese (603).....  | 580.... | 580.... | 18 |
|      | Indonesian (610).....   | 589.... | 589.... | 19 |
|      | Malayan (614).....  | 598.... | 598.... | 20 |
|      | Okinawan (615).....   | 607.... | 607.... | 21 |
|      | Pakistani (616).....  | 616.... | 616.... | 22 |
|      | Sri Lankan (617).....   | 625.... | 625.... | 23 |
|      | All other Asian (602, 620-652,<br>985).....                       | 634.... | 634.... | 24 |
|      | Pacific Islander (653-699, 978,<br>983, 984):                     |         |         |    |
|      | Polynesian (653-659, 978, 983):                                   |         |         |    |
|      | Hawaiian (653, 654, 978).....                                     | 643.... | 643.... | 25 |
|      | Samoan (655, 983).....  | 652.... | 652.... | 26 |
|      | Tahitian (656).....   | 661.... | 661.... | 27 |
|      | Tongan(657).....  | 670.... | 670.... | 28 |
|      | Other Polynesian (658, 659)...                                    | 679.... | 679.... | 29 |
|      | Micronesian (660-675, 984):                                       |         |         |    |
|      | Guamanian (660, 984).....   | 688.... | 688.... | 30 |
|      | Northern Mariana Islander (661,<br>671, 673).....                 | 697.... | 697.... | 31 |



|      |   |         |         |    |
|------|---|---------|---------|----|
|      | Palauan (663).....  | 706.... | 706.... | 32 |
|      | Other Micronesian (662, 664-670, 672, 674, 675).....            | 715.... | 715.... | 33 |
|      | Melanesian (676-680):   |         |         |    |
|      | Fijian (676).....   | 724.... | 724.... | 34 |
|      | Other Melanesian (677-680)....                                  | 733.... | 733.... | 35 |
|      | Pacific Islander, not specified (681-699).....                  | 742.... | 742.... | 36 |
|      | Other race (700-799, 986-999).....                              | 751.... | 751.... | 37 |
| PA6. | HISPANIC ORIGIN(26) (26)  |         |         |    |
|      | Universe: Persons   |         |         |    |
|      | Not of Hispanic origin (000-001, 006-199).....                  | 760.... | 760.... | 1  |
|      | Hispanic origin (002-005, 200-999):                             |         |         |    |
|      | Mexican (002, 210-220).....                                     | 769.... | 769.... | 2  |
|      | Puerto Rican (003, 261-270).....                                | 778.... | 778.... | 3  |
|      | Cuban (004, 271-274).....                                       | 787.... | 787.... | 4  |
|      | Other Hispanic (005, 200-209, 221-260, 275-999):                |         |         |    |
|      | Dominican (Dominican Republic) (275-289).....                   | 796.... | 796.... | 5  |
|      | Central American (221-230):                                     |         |         |    |
|      | Costa Rican (221).....  | 805.... | 805.... | 6  |
|      | Guatemalan (222).....   | 814.... | 814.... | 7  |
|      | Honduran (223).....   | 823.... | 823.... | 8  |
|      | Nicaraguan (224).....   | 832.... | 832.... | 9  |
|      | Panamanian (225).....   | 841.... | 841.... | 10 |
|      | Salvadoran (226).....   | 850.... | 850.... | 11 |
|      | Other Central American (227-230).....                           | 859.... | 859.... | 12 |
|      | South American (231-249):                                       |         |         |    |
|      | Argentinean (231).....  | 868.... | 868.... | 13 |
|      | Bolivian (232).....   | 877.... | 877.... | 14 |
|      | Chilean (233).....  | 886.... | 886.... | 15 |
|      | Colombian (234).....  | 895.... | 895.... | 16 |
|      | Ecuadorian (235).....   | 904.... | 904.... | 17 |
|      | Paraguayan (236).....   | 913.... | 913.... | 18 |
|      | Peruvian (237).....   | 922.... | 922.... | 19 |
|      | Uruguayan (238).....  | 931.... | 931.... | 20 |
|      | Venezuelan (239).....   | 940.... | 940.... | 21 |
|      | Other South American (240-249)                                  | 949.... | 949.... | 22 |
|      | Spaniard (200-209).....   | 958.... | 958.... | 23 |
|      | Spanish (291).....  | 967.... | 967.... | 24 |
|      | Spanish American (295).....                                     | 976.... | 976.... | 25 |
|      | All other Hispanic origin (005, 250-260, 290, 292-294, 296-999) | 985.... | 985.... | 26 |
| PA7. | HISPANIC ORIGIN(2) BY RACE(5) (10)                              |         |         |    |
|      | Universe: Persons   |         |         |    |
|      | Not of Hispanic origin:   |         |         |    |

|  |          |          |      |
|--|----------|----------|------|
| White.....   | 994....  | 994....  | 1,1  |
| Black.....   | 1003.... | 1003.... | 1,2  |
| American Indian, Eskimo, or Aleut.                 | 1012.... | 1012.... | 1,3  |
| Asian or Pacific Islander.....                     | 1021.... | 1021.... | 1,4  |
| Other race.....                                    | 1030.... | 1030.... | 1,5  |
| Hispanic origin:                                   |          |          |      |
| (Repeat RACE).....                                 | 1039.... | 1039.... | 2,1  |
| PA8. AGGREGATE PERSONS IN HOUSEHOLDS(1) BY RACE OF |          |          |      |
| HOUSEHOLDER(37) (37)                               |          |          |      |
| Universe: Persons in households                    |          |          |      |
| Total:   |          |          |      |
| White (800-869, 971).....                          | 1084.... | 1084.... | 1,1  |
| Black (870-934, 972).....                          | 1093.... | 1093.... | 1,2  |
| American Indian, Eskimo, or Aleut                  |          |          |      |
| (000-599, 935-970, 973-975):                       |          |          |      |
| American Indian (000-599, 973)..                   | 1102.... | 1102.... | 1,3  |
| Eskimo (935-940, 974).....                         | 1111.... | 1111.... | 1,4  |
| Aleut (941-970, 975).....                          | 1120.... | 1120.... | 1,5  |
| Asian or Pacific Islander (600-699,                |          |          |      |
| 976-985):  |          |          |      |
| Asian (600-652, 976, 977, 979-982,                 |          |          |      |
| 985):  |          |          |      |
| Chinese (605-607, 976):                            |          |          |      |
| Chinese, except Taiwanese                          |          |          |      |
| (605, 976).....                                    | 1129.... | 1129.... | 1,6  |
| Taiwanese (606, 607).....                          | 1138.... | 1138.... | 1,7  |
| Filipino (608, 977).....                           | 1147.... | 1147.... | 1,8  |
| Japanese (611, 981).....                           | 1156.... | 1156.... | 1,9  |
| Asian Indian (600, 982).....                       | 1165.... | 1165.... | 1,10 |
| Korean (612, 979).....                             | 1174.... | 1174.... | 1,11 |
| Vietnamese (619, 980).....                         | 1183.... | 1183.... | 1,12 |
| Cambodian (604).....                               | 1192.... | 1192.... | 1,13 |
| Hmong (609).....                                   | 1201.... | 1201.... | 1,14 |
| Laotian (613).....                                 | 1210.... | 1210.... | 1,15 |
| Thai (618).....                                    | 1219.... | 1219.... | 1,16 |
| Other Asian (601-603, 610, 614-                    |          |          |      |
| 617, 620-652, 985):                                |          |          |      |
| Bangladeshi (601).....                             | 1228.... | 1228.... | 1,17 |
| Burmese (603).....                                 | 1237.... | 1237.... | 1,18 |
| Indonesian (610).....                              | 1246.... | 1246.... | 1,19 |
| Malayan (614).....                                 | 1255.... | 1255.... | 1,20 |
| Okinawan (615).....                                | 1264.... | 1264.... | 1,21 |
| Pakistani (616).....                               | 1273.... | 1273.... | 1,22 |
| Sri Lankan (617).....                              | 1282.... | 1282.... | 1,23 |
| All other Asian (602, 620-652,                     |          |          |      |
| 985).....  | 1291.... | 1291.... | 1,24 |
| Pacific Islander (653-699, 978,                    |          |          |      |
| 983, 984):   |          |          |      |
| Polynesian (653-659, 978, 983):                    |          |          |      |
| Hawaiian (653, 654, 978).....                      | 1300.... | 1300.... | 1,25 |

|      |  |          |          |      |
|------|--|----------|----------|------|
|      | Samoa (655, 983).....  | 1309.... | 1309.... | 1,26 |
|      | Tahitian (656).....  | 1318.... | 1318.... | 1,27 |
|      | Tongan (657).....  | 1327.... | 1327.... | 1,28 |
|      | Other Polynesian (658, 659)...                                 | 1336.... | 1336.... | 1,29 |
|      | Micronesian (660-675, 984):                                    |          |          |      |
|      | Guamanian (660, 984).....                                      | 1345.... | 1345.... | 1,30 |
|      | Northern Mariana Islander (661, 671, 673).....                 | 1354.... | 1354.... | 1,31 |
|      | Palauan (663).....   | 1363.... | 1363.... | 1,32 |
|      | Other Micronesian (662, 664-670, 672, 674, 675).....           | 1372.... | 1372.... | 1,33 |
|      | Melanesian (676-680):  |          |          |      |
|      | Fijian (676).....  | 1381.... | 1381.... | 1,34 |
|      | Other Melanesian (677-680)....                                 | 1390.... | 1390.... | 1,35 |
|      | Pacific Islander, not specified (681-699).....                 | 1399.... | 1399.... | 1,36 |
|      | Other race (700-799, 986-999).....                             | 1408.... | 1408.... | 1,37 |
| PA9. | RACE OF HOUSEHOLDER(37) (37)                                   |          |          |      |
|      | Universe: Households   |          |          |      |
|      | White (800-869, 971).....                                      | 1417.... | 1417.... | 1    |
|      | Black (870-934, 972).....                                      | 1426.... | 1426.... | 2    |
|      | American Indian, Eskimo, or Aleut (000-599, 935-970, 973-975): |          |          |      |
|      | American Indian (000-599, 973)....                             | 1435.... | 1435.... | 3    |
|      | Eskimo (935-940, 974).....                                     | 1444.... | 1444.... | 4    |
|      | Aleut (941-970, 975).....                                      | 1453.... | 1453.... | 5    |
|      | Asian or Pacific Islander (600-699, 976-985):                  |          |          |      |
|      | Asian (600-652, 976, 977, 979-982, 985):                       |          |          |      |
|      | Chinese (605-607, 976):  |          |          |      |
|      | Chinese, except Taiwanese (605, 976).....                      | 1462.... | 1462.... | 6    |
|      | Taiwanese (606, 607).....                                      | 1471.... | 1471.... | 7    |
|      | Filipino (608, 977).....                                       | 1480.... | 1480.... | 8    |
|      | Japanese (611, 981).....                                       | 1489.... | 1489.... | 9    |
|      | Asian Indian (600, 982).....                                   | 1498.... | 1498.... | 10   |
|      | Korean (612, 979).....   | 1507.... | 1507.... | 11   |
|      | Vietnamese (619, 980).....                                     | 1516.... | 1516.... | 12   |
|      | Cambodian (604).....   | 1525.... | 1525.... | 13   |
|      | Hmong (609).....   | 1534.... | 1534.... | 14   |
|      | Laotian (613).....   | 1543.... | 1543.... | 15   |
|      | Thai (618).....  | 1552.... | 1552.... | 16   |
|      | Other Asian (601-603, 610, 614-617, 620-652, 985):             |          |          |      |
|      | Bangladeshi (601).....   | 1561.... | 1561.... | 17   |
|      | Burmese (603).....   | 1570.... | 1570.... | 18   |
|      | Indonesian (610).....  | 1579.... | 1579.... | 19   |
|      | Malayan (614).....   | 1588.... | 1588.... | 20   |
|      | Okinawan (615).....  | 1597.... | 1597.... | 21   |

|   |          |          |    |
|---|----------|----------|----|
| Pakistani (616).....                                    | 1606.... | 1606.... | 22 |
| Sri Lankan (617).....                                   | 1615.... | 1615.... | 23 |
| All other Asian (602, 620-652,<br>985).....             | 1624.... | 1624.... | 24 |
| Pacific Islander (653-699, 978, 983,<br>984):           |          |          |    |
| Polynesian (653-659, 978, 983):                         |          |          |    |
| Hawaiian (653, 654, 978).....                           | 1633.... | 1633.... | 25 |
| Samoan (655, 983).....                                  | 1642.... | 1642.... | 26 |
| Tahitian (656).....                                     | 1651.... | 1651.... | 27 |
| Tongan(657).....  | 1660.... | 1660.... | 28 |
| Other Polynesian (658, 659).....                        | 1669.... | 1669.... | 29 |
| Micronesian (660-675, 984):                             |          |          |    |
| Guamanian (660, 984).....                               | 1678.... | 1678.... | 30 |
| Northern Mariana Islander (661,<br>671, 673).....       | 1687.... | 1687.... | 31 |
| Palauan (663).....                                      | 1696.... | 1696.... | 32 |
| Other Micronesian (662, 664-670,<br>672, 674, 675)..... | 1705.... | 1705.... | 33 |
| Melanesian (676-680):                                   |          |          |    |
| Fijian (676).....                                       | 1714.... | 1714.... | 34 |
| Other Melanesian (677-680).....                         | 1723.... | 1723.... | 35 |
| Pacific Islander, not specified<br>(681-699).....       | 1732.... | 1732.... | 36 |
| Other race (700-799, 986-999).....                      | 1741.... | 1741.... | 37 |

PA10. AGGREGATE PERSONS IN HOUSEHOLDS(1) BY  
HISPANIC ORIGIN OF HOUSEHOLDER(26) (26)

Universe: Persons in households

Total:

|   |          |          |      |
|---|----------|----------|------|
| Not of Hispanic origin (000-001,<br>006-199).....   | 1750.... | 1750.... | 1,1  |
| Hispanic origin (002-005, 200-999):                 |          |          |      |
| Mexican (002, 210-220).....                         | 1759.... | 1759.... | 1,2  |
| Puerto Rican (003, 261-270).....                    | 1768.... | 1768.... | 1,3  |
| Cuban (004, 271-274).....                           | 1777.... | 1777.... | 1,4  |
| Other Hispanic (005, 200-209,<br>221-260, 275-999): |          |          |      |
| Dominican (Dominican Republic)<br>(275-289).....    | 1786.... | 1786.... | 1,5  |
| Central American (221-230):                         |          |          |      |
| Costa Rican (221).....                              | 1795.... | 1795.... | 1,6  |
| Guatemalan (222).....                               | 1804.... | 1804.... | 1,7  |
| Honduran (223).....                                 | 1813.... | 1813.... | 1,8  |
| Nicaraguan (224).....                               | 1822.... | 1822.... | 1,9  |
| Panamanian (225).....                               | 1831.... | 1831.... | 1,10 |
| Salvadoran (226).....                               | 1840.... | 1840.... | 1,11 |
| Other Central American<br>(227-230).....            | 1849.... | 1849.... | 1,12 |
| South American (231-249):                           |          |          |      |
| Argentinean (231).....                              | 1858.... | 1858.... | 1,13 |

|       |  |          |          |      |
|-------|--|----------|----------|------|
|       | Bolivian (232).....  | 1867.... | 1867.... | 1,14 |
|       | Chilean (233).....   | 1876.... | 1876.... | 1,15 |
|       | Colombian (234).....   | 1885.... | 1885.... | 1,16 |
|       | Ecuadorian (235).....  | 1894.... | 1894.... | 1,17 |
|       | Paraguayan (236).....  | 1903.... | 1903.... | 1,18 |
|       | Peruvian (237).....  | 1912.... | 1912.... | 1,19 |
|       | Uruguayan (238).....   | 1921.... | 1921.... | 1,20 |
|       | Venezuelan (239).....  | 1930.... | 1930.... | 1,21 |
|       | Other South American (240-<br>249).....                                    | 1939.... | 1939.... | 1,22 |
|       | Spaniard (200-209).....  | 1948.... | 1948.... | 1,23 |
|       | Spanish (291).....   | 1957.... | 1957.... | 1,24 |
|       | Spanish American (295).....  | 1966.... | 1966.... | 1,25 |
|       | All other Hispanic origin<br>(005, 250-260, 290, 292-294,<br>296-999)..... | 1975.... | 1975.... | 1,26 |
| PA11. | HISPANIC ORIGIN OF HOUSEHOLDER(26) (26)                                    |          |          |      |
|       | Universe: Households   |          |          |      |
|       | Not of Hispanic origin (000-001,<br>006-199).....                          | 1984.... | 1984.... | 1    |
|       | Hispanic origin (002-005, 200-999):  |          |          |      |
|       | Mexican (002, 210-220).....  | 1993.... | 1993.... | 2    |
|       | Puerto Rican (003, 261-270).....   | 2002.... | 2002.... | 3    |
|       | Cuban (004, 271-274).....  | 2011.... | 2011.... | 4    |
|       | Other Hispanic (005, 200-209, 221-<br>260, 275-999):                       |          |          |      |
|       | Dominican (Dominican Republic)<br>(275-289).....                           | 2020.... | 2020.... | 5    |
|       | Central American (221-230):  |          |          |      |
|       | Costa Rican (221).....   | 2029.... | 2029.... | 6    |
|       | Guatemalan (222).....  | 2038.... | 2038.... | 7    |
|       | Honduran (223).....  | 2047.... | 2047.... | 8    |
|       | Nicaraguan (224).....  | 2056.... | 2056.... | 9    |
|       | Panamanian (225).....  | 2065.... | 2065.... | 10   |
|       | Salvadoran (226).....  | 2074.... | 2074.... | 11   |
|       | Other Central American (227-<br>230).....                                  | 2083.... | 2083.... | 12   |
|       | South American (231-249):  |          |          |      |
|       | Argentinean (231).....   | 2092.... | 2092.... | 13   |
|       | Bolivian (232).....  | 2101.... | 2101.... | 14   |
|       | Chilean (233).....   | 2110.... | 2110.... | 15   |
|       | Colombian (234).....   | 2119.... | 2119.... | 16   |
|       | Ecuadorian (235).....  | 2128.... | 2128.... | 17   |
|       | Paraguayan (236).....  | 2137.... | 2137.... | 18   |
|       | Peruvian (237).....  | 2146.... | 2146.... | 19   |
|       | Uruguayan (238).....   | 2155.... | 2155.... | 20   |
|       | Venezuelan (239).....  | 2164.... | 2164.... | 21   |
|       | Other South American (240-249)   | 2173.... | 2173.... | 22   |
|       | Spaniard (200-209).....  | 2182.... | 2182.... | 23   |
|       | Spanish (291).....   | 2191.... | 2191.... | 24   |

|       |   |          |          |       |
|-------|---|----------|----------|-------|
|       | Spanish American (295).....   | 2200.... | 2200.... | 25    |
|       | All other Hispanic origin (005,<br>250-260, 290, 292-294, 296-999)  | 2209.... | 2209.... | 26    |
| PA12. | AGGREGATE PERSONS IN HOUSEHOLDS(1) BY HISPANIC ORIGIN<br>OF HOUSEHOLDER(2) BY RACE OF HOUSEHOLDER(5) (10) |          |          |       |
|       | Universe: Persons in households   |          |          |       |
|       | Total:  |          |          |       |
|       | Not of Hispanic origin:   |          |          |       |
|       | White.....  | 2218.... | 2218.... | 1,1,1 |
|       | Black.....  | 2227.... | 2227.... | 1,1,2 |
|       | American Indian, Eskimo, or<br>Aleut.....   | 2236.... | 2236.... | 1,1,3 |
|       | Asian or Pacific Islander.....  | 2245.... | 2245.... | 1,1,4 |
|       | Other race.....   | 2254.... | 2254.... | 1,1,5 |
|       | Hispanic origin:  |          |          |       |
|       | (Repeat RACE OF HOUSEHOLDER)....  | 2263.... | 2263.... | 1,2,1 |
| PA13. | HISPANIC ORIGIN OF HOUSEHOLDER(2) BY<br>RACE OF HOUSEHOLDER(5) (10)                                       |          |          |       |
|       | Universe: Households  |          |          |       |
|       | Not of Hispanic origin:   |          |          |       |
|       | White.....  | 2308.... | 2308.... | 1,1   |
|       | Black.....  | 2317.... | 2317.... | 1,2   |
|       | American Indian, Eskimo, or Aleut.<br>Asian or Pacific Islander.....                                      | 2326.... | 2326.... | 1,3   |
|       | Other race.....   | 2335.... | 2335.... | 1,4   |
|       | Hispanic origin:  |          |          |       |
|       | (Repeat RACE OF HOUSEHOLDER).....   | 2344.... | 2344.... | 1,5   |
|       | (Repeat RACE OF HOUSEHOLDER).....   | 2353.... | 2353.... | 2,1   |
| PA14. | AGGREGATE PERSONS IN FAMILIES(1) BY<br>RACE OF HOUSEHOLDER(37) (37)                                       |          |          |       |
|       | Universe: Persons in families   |          |          |       |
|       | Total:  |          |          |       |
|       | White (800-869, 971).....   | 2398.... | 2398.... | 1,1   |
|       | Black (870-934, 972).....   | 2407.... | 2407.... | 1,2   |
|       | American Indian, Eskimo, or Aleut<br>(000-599, 935-970, 973-975):   |          |          |       |
|       | American Indian (000-599, 973)..  | 2416.... | 2416.... | 1,3   |
|       | Eskimo (935-940, 974).....  | 2425.... | 2425.... | 1,4   |
|       | Aleut (941-970, 975).....   | 2434.... | 2434.... | 1,5   |
|       | Asian or Pacific Islander (600-<br>699, 976-985):   |          |          |       |
|       | Asian (600-652, 976, 977, 979-<br>982, 985):  |          |          |       |
|       | Chinese (605-607, 976):   |          |          |       |
|       | Chinese, except Taiwanese<br>(605, 976).....  | 2443.... | 2443.... | 1,6   |
|       | Taiwanese (606, 607).....   | 2452.... | 2452.... | 1,7   |
|       | Filipino (608, 977).....  | 2461.... | 2461.... | 1,8   |
|       | Japanese (611, 981).....  | 2470.... | 2470.... | 1,9   |

|   |          |          |      |
|---|----------|----------|------|
| Asian Indian (600, 982).....                                      | 2479.... | 2479.... | 1,10 |
| Korean (612, 979).....  | 2488.... | 2488.... | 1,11 |
| Vietnamese (619, 980).....  | 2497.... | 2497.... | 1,12 |
| Cambodian (604).....  | 2506.... | 2506.... | 1,13 |
| Hmong (609).....  | 2515.... | 2515.... | 1,14 |
| Laotian (613).....  | 2524.... | 2524.... | 1,15 |
| Thai (618).....   | 2533.... | 2533.... | 1,16 |
| Other Asian (601-603, 610, 614-<br>617, 620-652, 985):            |          |          |      |
| Bangladeshi (601).....  | 2542.... | 2542.... | 1,17 |
| Burmese (603).....  | 2551.... | 2551.... | 1,18 |
| Indonesian (610).....   | 2560.... | 2560.... | 1,19 |
| Malayan (614).....  | 2569.... | 2569.... | 1,20 |
| Okinawan (615).....   | 2578.... | 2578.... | 1,21 |
| Pakistani (616).....  | 2587.... | 2587.... | 1,22 |
| Sri Lankan (617).....   | 2596.... | 2596.... | 1,23 |
| All other Asian (602, 620-652,<br>985).....                       | 2605.... | 2605.... | 1,24 |
| Pacific Islander (653-699, 978,<br>983, 984):                     |          |          |      |
| Polynesian (653-659, 978, 983):                                   |          |          |      |
| Hawaiian (653, 654, 978).....                                     | 2614.... | 2614.... | 1,25 |
| Samoan (655, 983).....  | 2623.... | 2623.... | 1,26 |
| Tahitian (656).....   | 2632.... | 2632.... | 1,27 |
| Tongan (657).....   | 2641.... | 2641.... | 1,28 |
| Other Polynesian (658, 659)...                                    | 2650.... | 2650.... | 1,29 |
| Micronesia (660-675, 984):  |          |          |      |
| Guamanian (660, 984).....   | 2659.... | 2659.... | 1,30 |
| Northern Mariana Islander<br>(661, 671, 673).....                 | 2668.... | 2668.... | 1,31 |
| Palauan (663).....  | 2677.... | 2677.... | 1,32 |
| Other Micronesia (662, 664-<br>670, 672, 674, 675).....           | 2686.... | 2686.... | 1,33 |
| Melanesian (676-680):   |          |          |      |
| Fijian (676).....   | 2695.... | 2695.... | 1,34 |
| Other Melanesian (677-680)....                                    | 2704.... | 2704.... | 1,35 |
| Pacific Islander, not specified<br>(681-699).....                 | 2713.... | 2713.... | 1,36 |
| Other race (700-799, 986-999).....                                | 2722.... | 2722.... | 1,37 |
| PA15. RACE OF HOUSEHOLDER(37) (37)                                |          |          |      |
| Universe: Families  |          |          |      |
| White (800-869, 971).....   | 2731.... | 2731.... | 1    |
| Black (870-934, 972).....   | 2740.... | 2740.... | 2    |
| American Indian, Eskimo, or Aleut<br>(000-599, 935-970, 973-975): |          |          |      |
| American Indian (000-599, 973)....                                | 2749.... | 2749.... | 3    |
| Eskimo (935-940, 974).....  | 2758.... | 2758.... | 4    |
| Aleut (941-970, 975).....   | 2767.... | 2767.... | 5    |
| Asian or Pacific Islander (600-699,<br>976-985):                  |          |          |      |

|  |           |           |    |
|--|-----------|-----------|----|
| Asian (600-652, 976, 977, 979-982, 985):             |           |           |    |
| Chinese (605-607, 976):                              |           |           |    |
| Chinese, except Taiwanese (605, 976).....            | 2776..... | 2776..... | 6  |
| Taiwanese (606, 607).....                            | 2785..... | 2785..... | 7  |
| Filipino (608, 977).....                             | 2794..... | 2794..... | 8  |
| Japanese (611, 981).....                             | 2803..... | 2803..... | 9  |
| Asian Indian (600, 982).....                         | 2812..... | 2812..... | 10 |
| Korean (612, 979).....                               | 2821..... | 2821..... | 11 |
| Vietnamese (619, 980).....                           | 2830..... | 2830..... | 12 |
| Cambodian (604).....                                 | 2839..... | 2839..... | 13 |
| Hmong (609).....                                     | 2848..... | 2848..... | 14 |
| Laotian (613).....                                   | 2857..... | 2857..... | 15 |
| Thai (618).....                                      | 2866..... | 2866..... | 16 |
| Other Asian (601-603, 610, 614-617, 620-652, 985):   |           |           |    |
| Bangladeshi (601).....                               | 2875..... | 2875..... | 17 |
| Burmese (603).....                                   | 2884..... | 2884..... | 18 |
| Indonesian (610).....                                | 2893..... | 2893..... | 19 |
| Malayan (614).....                                   | 2902..... | 2902..... | 20 |
| Okinawan (615).....                                  | 2911..... | 2911..... | 21 |
| Pakistani (616).....                                 | 2920..... | 2920..... | 22 |
| Sri Lankan (617).....                                | 2929..... | 2929..... | 23 |
| All other Asian (602, 620-652, 985).....             | 2938..... | 2938..... | 24 |
| Pacific Islander (653-699, 978, 983, 984):           |           |           |    |
| Polynesian (653-659, 978, 983):                      |           |           |    |
| Hawaiian (653, 654, 978).....                        | 2947..... | 2947..... | 25 |
| Samoan (655, 983).....                               | 2956..... | 2956..... | 26 |
| Tahitian (656).....                                  | 2965..... | 2965..... | 27 |
| Tongan (657).....                                    | 2974..... | 2974..... | 28 |
| Other Polynesian (658, 659).....                     | 2983..... | 2983..... | 29 |
| Micronesian (660-675, 984):                          |           |           |    |
| Guamanian (660, 984).....                            | 2992..... | 2992..... | 30 |
| Northern Mariana Islander (661, 671, 673).....       | 3001..... | 3001..... | 31 |
| Palauan (663).....                                   | 3010..... | 3010..... | 32 |
| Other Micronesian (662, 664-670, 672, 674, 675)..... | 3019..... | 3019..... | 33 |
| Melanesian (676-680):                                |           |           |    |
| Fijian (676).....                                    | 3028..... | 3028..... | 34 |
| Other Melanesian (677-680).....                      | 3037..... | 3037..... | 35 |
| Pacific Islander, not specified (681-699).....       | 3046..... | 3046..... | 36 |
| Other race (700-799, 986-999).....                   | 3055..... | 3055..... | 37 |

PA16. AGGREGATE PERSONS IN FAMILIES(1) BY  
HISPANIC ORIGIN OF HOUSEHOLDER(26) (26)  
Universe: Persons in families



Total:

|  |           |           |      |
|--|-----------|-----------|------|
| Not of Hispanic origin (000-001, 006-199).....                       | 3064..... | 3064..... | 1,1  |
| Hispanic origin (002-005, 200-999):                                  |           |           |      |
| Mexican (002, 210-220).....  | 3073..... | 3073..... | 1,2  |
| Puerto Rican (003, 261-270).....                                     | 3082..... | 3082..... | 1,3  |
| Cuban (004, 271-274).....  | 3091..... | 3091..... | 1,4  |
| Other Hispanic (005, 200-209, 221-260, 275-999):                     |           |           |      |
| Dominican (Dominican Republic) (275-289).....                        | 3100..... | 3100..... | 1,5  |
| Central American (221-230):  |           |           |      |
| Costa Rican (221).....   | 3109..... | 3109..... | 1,6  |
| Guatemalan (222).....  | 3118..... | 3118..... | 1,7  |
| Honduran (223).....  | 3127..... | 3127..... | 1,8  |
| Nicaraguan (224).....  | 3136..... | 3136..... | 1,9  |
| Panamanian (225).....  | 3145..... | 3145..... | 1,10 |
| Salvadoran (226).....  | 3154..... | 3154..... | 1,11 |
| Other Central American (227-230).....                                | 3163..... | 3163..... | 1,12 |
| South American (231-249):  |           |           |      |
| Argentinean (231).....   | 3172..... | 3172..... | 1,13 |
| Bolivian (232).....  | 3181..... | 3181..... | 1,14 |
| Chilean (233).....   | 3190..... | 3190..... | 1,15 |
| Colombian (234).....   | 3199..... | 3199..... | 1,16 |
| Ecuadorian (235).....  | 3208..... | 3208..... | 1,17 |
| Paraguayan (236).....  | 3217..... | 3217..... | 1,18 |
| Peruvian (237).....  | 3226..... | 3226..... | 1,19 |
| Uruguayan (238).....   | 3235..... | 3235..... | 1,20 |
| Venezuelan (239).....  | 3244..... | 3244..... | 1,21 |
| Other South American (240-249).....                                  | 3253..... | 3253..... | 1,22 |
| Spaniard (200-209).....  | 3262..... | 3262..... | 1,23 |
| Spanish (291).....   | 3271..... | 3271..... | 1,24 |
| Spanish American (295).....  | 3280..... | 3280..... | 1,25 |
| All other Hispanic origin (005, 250-260, 290, 292-294, 296-999)..... | 3289..... | 3289..... | 1,26 |

PA17. HISPANIC ORIGIN OF HOUSEHOLDER(26) (26)

Universe: Families

|  |           |           |   |
|--|-----------|-----------|---|
| Not of Hispanic origin (000-001, 006-199).....   | 3298..... | 3298..... | 1 |
| Hispanic origin (002-005, 200-999):              |           |           |   |
| Mexican (002, 210-220).....                      | 3307..... | 3307..... | 2 |
| Puerto Rican (003, 261-270).....                 | 3316..... | 3316..... | 3 |
| Cuban (004, 271-274).....                        | 3325..... | 3325..... | 4 |
| Other Hispanic (005, 200-209, 221-260, 275-999): |           |           |   |
| Dominican (Dominican Republic) (275-289).....    | 3334..... | 3334..... | 5 |

|   |          |          |    |
|---|----------|----------|----|
| Central American (221-230):                                     |          |          |    |
| Costa Rican (221).....  | 3343.... | 3343.... | 6  |
| Guatemalan (222).....   | 3352.... | 3352.... | 7  |
| Honduran (223).....   | 3361.... | 3361.... | 8  |
| Nicaraguan (224).....   | 3370.... | 3370.... | 9  |
| Panamanian (225).....   | 3379.... | 3379.... | 10 |
| Salvadoran (226).....   | 3388.... | 3388.... | 11 |
| Other Central American (227-230).....                           | 3397.... | 3397.... | 12 |
| South American (231-249):                                       |          |          |    |
| Argentinean (231).....  | 3406.... | 3406.... | 13 |
| Bolivian (232).....   | 3415.... | 3415.... | 14 |
| Chilean (233).....  | 3424.... | 3424.... | 15 |
| Colombian (234).....  | 3433.... | 3433.... | 16 |
| Ecuadorian (235).....   | 3442.... | 3442.... | 17 |
| Paraguayan (236).....   | 3451.... | 3451.... | 18 |
| Peruvian (237).....   | 3460.... | 3460.... | 19 |
| Uruguayan (238).....  | 3469.... | 3469.... | 20 |
| Venezuelan (239).....   | 3478.... | 3478.... | 21 |
| Other South American (240-249)                                  | 3487.... | 3487.... | 22 |
| Spaniard (200-209).....   | 3496.... | 3496.... | 23 |
| Spanish (291).....  | 3505.... | 3505.... | 24 |
| Spanish American (295).....                                     | 3514.... | 3514.... | 25 |
| All other Hispanic origin (005, 250-260, 290, 292-294, 296-999) | 3523.... | 3523.... | 26 |

PA18. AGGREGATE PERSONS IN FAMILIES(1) BY  
HISPANIC ORIGIN OF HOUSEHOLDER(2)  
BY RACE OF HOUSEHOLDER(5) (10)

Universe: Persons in families

Total:

Not of Hispanic origin:

|   |          |          |       |
|---|----------|----------|-------|
| White.....                                | 3532.... | 3532.... | 1,1,1 |
| Black.....                                | 3541.... | 3541.... | 1,1,2 |
| American Indian, Eskimo, or<br>Aleut..... | 3550.... | 3550.... | 1,1,3 |
| Asian or Pacific Islander.....            | 3559.... | 3559.... | 1,1,4 |
| Other race.....                           | 3568.... | 3568.... | 1,1,5 |

Hispanic origin:

|                                  |          |          |       |
|----------------------------------|----------|----------|-------|
| (Repeat RACE OF HOUSEHOLDER).... | 3577.... | 3577.... | 1,2,1 |
|----------------------------------|----------|----------|-------|

PA19. HISPANIC ORIGIN OF HOUSEHOLDER(2) BY  
RACE OF HOUSEHOLDER(5) (10)

Universe: Families

Not of Hispanic origin:

|                                    |          |          |     |
|------------------------------------|----------|----------|-----|
| White.....                         | 3622.... | 3622.... | 1,1 |
| Black.....                         | 3631.... | 3631.... | 1,2 |
| American Indian, Eskimo, or Aleut. | 3640.... | 3640.... | 1,3 |
| Asian or Pacific Islander.....     | 3649.... | 3649.... | 1,4 |
| Other race.....                    | 3658.... | 3658.... | 1,5 |

Hispanic origin:

|       |  |          |          |     |
|-------|--|----------|----------|-----|
|       | (Repeat RACE OF HOUSEHOLDER).....  | 3667.... | 3667.... | 2,1 |
| PA20. | ANCESTRY(4) (4)  |          |          |     |
|       | Universe: Persons  |          |          |     |
|       | Ancestry specified:  |          |          |     |
|       | Single ancestry.....   | 3712.... | 3712.... | 1   |
|       | Multiple ancestry.....   | 3721.... | 3721.... | 2   |
|       | Ancestry unclassified.....   | 3730.... | 3730.... | 3   |
|       | Ancestry not reported.....   | 3739.... | 3739.... | 4   |
| PA21. | ANCESTRY(106) (106)  |          |          |     |
|       | Universe: Persons  |          |          |     |
|       | First ancestry reported (000-999):   |          |          |     |
|       | Acadian/Cajun (936-938).....   | 3748.... | 3748.... | 1   |
|       | Albanian (100).....  | 3757.... | 3757.... | 2   |
|       | Alsatian (000-001).....  | 3766.... | 3766.... | 3   |
|       | Arab (400-415, 417-418, 421-430,<br>435-481, 490-499):   |          |          |     |
|       | Egyptian (402-403).....  | 3775.... | 3775.... | 4   |
|       | Iraqi (417-418).....   | 3784.... | 3784.... | 5   |
|       | Jordanian (421-422).....   | 3793.... | 3793.... | 6   |
|       | Lebanese (425).....  | 3802.... | 3802.... | 7   |
|       | Moroccan (406-407).....  | 3811.... | 3811.... | 8   |
|       | Palestinian (465-467).....   | 3820.... | 3820.... | 9   |
|       | Syrian (429-430).....  | 3829.... | 3829.... | 10  |
|       | Arab/Arabic (495-499).....   | 3838.... | 3838.... | 11  |
|       | Other Arab (400-401, 404-405,<br>408-415, 423-424, 426-428,<br>435-464, 468-481, 490-494)..... | 3847.... | 3847.... | 12  |
|       | Armenian (431-433).....  | 3856.... | 3856.... | 13  |
|       | Assyrian (482-489).....  | 3865.... | 3865.... | 14  |
|       | Australian (800-802).....  | 3874.... | 3874.... | 15  |
|       | Austrian (003-004).....  | 3883.... | 3883.... | 16  |
|       | Basque (005-007).....  | 3892.... | 3892.... | 17  |
|       | Belgian (008-010).....   | 3901.... | 3901.... | 18  |
|       | Brazilian (360-364).....   | 3910.... | 3910.... | 19  |
|       | British (011-014).....   | 3919.... | 3919.... | 20  |
|       | Bulgarian (103).....   | 3928.... | 3928.... | 21  |
|       | Canadian (931-934).....  | 3937.... | 3937.... | 22  |
|       | Carpatho Russian (104-105).....  | 3946.... | 3946.... | 23  |
|       | Celtic (099).....  | 3955.... | 3955.... | 24  |
|       | Cypriot (017-019).....   | 3964.... | 3964.... | 25  |
|       | Croatian (109-110).....  | 3973.... | 3973.... | 26  |
|       | Czech (111-113).....   | 3982.... | 3982.... | 27  |
|       | Czechoslovakian (114).....   | 3991.... | 3991.... | 28  |
|       | Danish (020, 023).....   | 4000.... | 4000.... | 29  |
|       | Dutch (021, 029).....  | 4009.... | 4009.... | 30  |
|       | Eastern European (190).....  | 4018.... | 4018.... | 31  |
|       | English (015, 022).....  | 4027.... | 4027.... | 32  |
|       | Estonian (115-116).....  | 4036.... | 4036.... | 33  |
|       | European (195).....  | 4045.... | 4045.... | 34  |

|   |          |          |    |
|---|----------|----------|----|
| Finnish (024-025).....                          | 4054.... | 4054.... | 35 |
| French (except Basque) (016, 026-028, 083)..... | 4063.... | 4063.... | 36 |
| French Canadian (935).....                      | 4072.... | 4072.... | 37 |
| German (032-045).....                           | 4081.... | 4081.... | 38 |
| German Russian (122-123).....                   | 4090.... | 4090.... | 39 |
| Greek (046-048).....                            | 4099.... | 4099.... | 40 |
| Guyanese (370-374).....                         | 4108.... | 4108.... | 41 |
| Hungarian (125-126).....                        | 4117.... | 4117.... | 42 |
| Icelander (049).....                            | 4126.... | 4126.... | 43 |
| Iranian (416).....                              | 4135.... | 4135.... | 44 |
| Irish (050, 081).....                           | 4144.... | 4144.... | 45 |
| Israeli (419-420).....                          | 4153.... | 4153.... | 46 |
| Italian (030-031, 051-074).....                 | 4162.... | 4162.... | 47 |
| Latvian (128).....                              | 4171.... | 4171.... | 48 |
| Lithuanian (129).....                           | 4180.... | 4180.... | 49 |
| Luxemburger (077).....                          | 4189.... | 4189.... | 50 |
| Macedonian (130-131).....                       | 4198.... | 4198.... | 51 |
| Maltese (078).....                              | 4207.... | 4207.... | 52 |
| New Zealand (803-807).....                      | 4216.... | 4216.... | 53 |
| Northern European (183-184).....                | 4225.... | 4225.... | 54 |
| Norwegian (082).....                            | 4234.... | 4234.... | 55 |
| Pennsylvania German (929).....                  | 4243.... | 4243.... | 56 |
| Polish (142-143).....                           | 4252.... | 4252.... | 57 |
| Portuguese (084-086).....                       | 4261.... | 4261.... | 58 |
| Romanian (144-147).....                         | 4270.... | 4270.... | 59 |
| Russian (148-151).....                          | 4279.... | 4279.... | 60 |
| Scandinavian (098).....                         | 4288.... | 4288.... | 61 |
| Scotch-Irish (087).....                         | 4297.... | 4297.... | 62 |
| Scottish (088).....                             | 4306.... | 4306.... | 63 |
| Serbian (152).....                              | 4315.... | 4315.... | 64 |
| Slavic (178-180).....                           | 4324.... | 4324.... | 65 |
| Slovak (153).....                               | 4333.... | 4333.... | 66 |
| Slovene (154-155).....                          | 4342.... | 4342.... | 67 |
| Soviet Union (164).....                         | 4351.... | 4351.... | 68 |
| Subsaharan African (500-599):                   |          |          |    |
| Cape Verdean (510-511).....                     | 4360.... | 4360.... | 69 |
| Ethiopian (522-524).....                        | 4369.... | 4369.... | 70 |
| Ghanian (529).....                              | 4378.... | 4378.... | 71 |
| Kenyan (534-537).....                           | 4387.... | 4387.... | 72 |
| Liberian (541-542).....                         | 4396.... | 4396.... | 73 |
| Nigerian (553-560).....                         | 4405.... | 4405.... | 74 |
| Senegalese (564-565).....                       | 4414.... | 4414.... | 75 |
| Sierra Leonean (566-567).....                   | 4423.... | 4423.... | 76 |
| Somalian (568).....                             | 4432.... | 4432.... | 77 |
| South African (570-573).....                    | 4441.... | 4441.... | 78 |
| Sudanese (576-581).....                         | 4450.... | 4450.... | 79 |
| Ugandan (588).....                              | 4459.... | 4459.... | 80 |
| Zairian (591).....                              | 4468.... | 4468.... | 81 |
| Zimbabwean (593).....                           | 4477.... | 4477.... | 82 |
| African (599).....                              | 4486.... | 4486.... | 83 |

|  |           |           |     |
|--|-----------|-----------|-----|
| Other Subsaharan African (500-509, 512-521, 525-528, 530-533, 538-540, 543-552, 561-563, 569, 574-575, 582-587, 589-590, 592, 594-598).....  | 4495..... | 4495..... | 84  |
| Swedish (089-090).....   | 4504..... | 4504..... | 85  |
| Swiss (091-096).....   | 4513..... | 4513..... | 86  |
| Turkish (434).....   | 4522..... | 4522..... | 87  |
| Ukrainian (171-174).....   | 4531..... | 4531..... | 88  |
| United States or American (939-994).....   | 4540..... | 4540..... | 89  |
| Welsh (097).....   | 4549..... | 4549..... | 90  |
| West Indian (excluding Hispanic origin groups) (300-359):  |           |           |     |
| Bahamian (300).....  | 4558..... | 4558..... | 91  |
| Barbadian (301).....   | 4567..... | 4567..... | 92  |
| Belizean (302).....  | 4576..... | 4576..... | 93  |
| Bermudan (303).....  | 4885..... | 4585..... | 94  |
| British West Indian (321-331)...   | 4594..... | 4594..... | 95  |
| Dutch West Indian (310-313).....   | 4603..... | 4603..... | 96  |
| Haitian (336-359).....   | 4612..... | 4612..... | 97  |
| Jamaican (308-309).....  | 4621..... | 4621..... | 98  |
| Trinidadian Tobagonian (314-316)   | 4630..... | 4630..... | 99  |
| U.S. Virgin Islander (317-320)..   | 4639..... | 4639..... | 100 |
| West Indian (335).....   | 4648..... | 4648..... | 101 |
| Other West Indian (304-307, 332-334).....  | 4657..... | 4657..... | 102 |
| Yugoslavian (176-177).....   | 4666..... | 4666..... | 103 |
| Race or Hispanic origin groups (200-299, 900-928).....   | 4675..... | 4675..... | 104 |
| Other groups (002, 075-076, 079-080, 101-102, 106-108, 117-121, 124, 127, 132-141, 156-163, 165-170, 175, 181-182, 185-189, 191-194, 196-199, 365-369, 375-399, 600-799, 808-862, 930, 998)..... | 4684..... | 4684..... | 105 |
| Unclassified or not reported (863-899, 995-997, 999).....  | 4693..... | 4693..... | 106 |
| PA22. ANCESTRY(106) (106)  |           |           |     |
| Universe: Persons  |           |           |     |
| Second ancestry reported (000-999):  |           |           |     |
| Acadian/Cajun (936-938).....   | 4702..... | 4702..... | 1   |
| Albanian (100).....  | 4711..... | 4711..... | 2   |
| Alsatian (000-001).....  | 4720..... | 4720..... | 3   |
| Arab (400-415, 417-418, 421-430, 435-481, 490-499):  |           |           |     |
| Egyptian (402-403).....  | 4729..... | 4729..... | 4   |
| Iraqi (417-418).....   | 4738..... | 4738..... | 5   |
| Jordanian (421-422).....   | 4747..... | 4747..... | 6   |
| Lebanese (425).....  | 4756..... | 4756..... | 7   |

|  |          |          |    |
|--|----------|----------|----|
| Moroccan (406-407).....  | 4765.... | 4765.... | 8  |
| Palestinian (465-467).....   | 4774.... | 4774.... | 9  |
| Syrian (429-430).....  | 4783.... | 4783.... | 10 |
| Arab/Arabic (495-499).....   | 4792.... | 4792.... | 11 |
| Other Arab (400-401, 404-405,<br>408-415, 423-424, 426-428,<br>435-464, 468-481, 490-494)..... | 4801.... | 4801.... | 12 |
| Armenian (431-433).....  | 4810.... | 4810.... | 13 |
| Assyrian (482-489).....  | 4819.... | 4819.... | 14 |
| Australian (800-802).....  | 4828.... | 4828.... | 15 |
| Austrian (003-004).....  | 4837.... | 4837.... | 16 |
| Basque (005-007).....  | 4846.... | 4846.... | 17 |
| Belgian (008-010).....   | 4855.... | 4855.... | 18 |
| Brazilian (360-364).....   | 4864.... | 4864.... | 19 |
| British (011-014).....   | 4873.... | 4873.... | 20 |
| Bulgarian (103).....   | 4882.... | 4882.... | 21 |
| Canadian (931-934).....  | 4891.... | 4891.... | 22 |
| Carpatho Russian (104-105).....  | 4900.... | 4900.... | 23 |
| Celtic (099).....  | 4909.... | 4909.... | 24 |
| Cypriot (017-019).....   | 4918.... | 4918.... | 25 |
| Croatian (109-110).....  | 4927.... | 4927.... | 26 |
| Czech (111-113).....   | 4936.... | 4936.... | 27 |
| Czechoslovakian (114).....   | 4945.... | 4945.... | 28 |
| Danish (020, 023).....   | 4954.... | 4954.... | 29 |
| Dutch (021, 029).....  | 4963.... | 4963.... | 30 |
| Eastern European (190).....  | 4972.... | 4972.... | 31 |
| English (015, 022).....  | 4981.... | 4981.... | 32 |
| Estonian (115-116).....  | 4990.... | 4990.... | 33 |
| European (195).....  | 4999.... | 4999.... | 34 |
| Finnish (024-025).....   | 5008.... | 5008.... | 35 |
| French (except Basque) (016, 026-<br>028, 083).....  | 5017.... | 5017.... | 36 |
| French Canadian (935).....   | 5026.... | 5026.... | 37 |
| German (032-045).....  | 5035.... | 5035.... | 38 |
| German Russian (122-123).....  | 5044.... | 5044.... | 39 |
| Greek (046-048).....   | 5053.... | 5053.... | 40 |
| Guyanese (370-374).....  | 5062.... | 5062.... | 41 |
| Hungarian (125-126).....   | 5071.... | 5071.... | 42 |
| Icelandic (049).....   | 5080.... | 5080.... | 43 |
| Iranian (416).....   | 5089.... | 5089.... | 44 |
| Irish (050, 081).....  | 5098.... | 5098.... | 45 |
| Israeli (419-420).....   | 5107.... | 5107.... | 46 |
| Italian (030-031, 051-074).....  | 5116.... | 5116.... | 47 |
| Latvian (128).....   | 5125.... | 5125.... | 48 |
| Lithuanian (129).....  | 5134.... | 5134.... | 49 |
| Luxemburger (077).....   | 5143.... | 5143.... | 50 |
| Macedonian (130-131).....  | 5152.... | 5152.... | 51 |
| Maltese (078).....   | 5161.... | 5161.... | 52 |
| New Zealand (803-807).....   | 5170.... | 5170.... | 53 |
| Northern European (183-184).....   | 5179.... | 5179.... | 54 |
| Norwegian (082).....   | 5188.... | 5188.... | 55 |

|  |          |          |    |
|--|----------|----------|----|
| Pennsylvania German (929).....   | 5197.... | 5197.... | 56 |
| Polish (142-143).....  | 5206.... | 5206.... | 57 |
| Portuguese (084-086).....  | 5215.... | 5215.... | 58 |
| Romanian (144-147).....  | 5224.... | 5224.... | 59 |
| Russian (148-151).....   | 5233.... | 5233.... | 60 |
| Scandinavian (098).....  | 5242.... | 5242.... | 61 |
| Scotch-Irish (087).....  | 5251.... | 5251.... | 62 |
| Scottish (088).....  | 5260.... | 5260.... | 63 |
| Serbian (152).....   | 5269.... | 5269.... | 64 |
| Slavic (178-180).....  | 5278.... | 5278.... | 65 |
| Slovak (153).....  | 5287.... | 5287.... | 66 |
| Slovene (154-155).....   | 5296.... | 5296.... | 67 |
| Soviet Union (164).....  | 5305.... | 5305.... | 68 |
| Subsaharan African (500-599):  |          |          |    |
| Cape Verdean (510-511).....  | 5314.... | 5314.... | 69 |
| Ethiopian (522-524).....   | 5323.... | 5323.... | 70 |
| Ghanian (529).....   | 5332.... | 5332.... | 71 |
| Kenyan (534-537).....  | 5341.... | 5341.... | 72 |
| Liberian (541-542).....  | 5350.... | 5350.... | 73 |
| Nigerian (553-560).....  | 5359.... | 5359.... | 74 |
| Senegalese (564-565).....  | 5368.... | 5368.... | 75 |
| Sierra Leonean (566-567).....  | 5377.... | 5377.... | 76 |
| Somalian (568).....  | 5386.... | 5386.... | 77 |
| South African (570-573).....   | 5395.... | 5395.... | 78 |
| Sudanese (576-581).....  | 5404.... | 5404.... | 79 |
| Ugandan (588).....   | 5413.... | 5413.... | 80 |
| Zairian (591).....   | 5422.... | 5422.... | 81 |
| Zimbabwean (593).....  | 5431.... | 5431.... | 82 |
| African (599).....   | 5440.... | 5440.... | 83 |
| Other Subsaharan African (500-<br>509, 512-521, 525-528, 530-533,<br>538-540, 543-552, 561-563, 569,<br>574-575, 582-587, 589-590, 592,<br>594-598)..... | 5449.... | 5449.... | 84 |
| Swedish (089-090).....   | 5458.... | 5458.... | 85 |
| Swiss (091-096).....   | 5467.... | 5467.... | 86 |
| Turkish (434).....   | 5476.... | 5476.... | 87 |
| Ukrainian (171-174).....   | 5485.... | 5485.... | 88 |
| United States or American (939-<br>994).....   | 5494.... | 5494.... | 89 |
| Welsh (097).....   | 5503.... | 5503.... | 90 |
| West Indian (excluding Hispanic<br>origin groups) (300-359):   |          |          |    |
| Bahamian (300).....  | 5512.... | 5512.... | 91 |
| Barbadian (301).....   | 5521.... | 5521.... | 92 |
| Belizean (302).....  | 5530.... | 5530.... | 93 |
| Bermudan (303).....  | 5539.... | 5539.... | 94 |
| British West Indian (321-331)...   | 5548.... | 5548.... | 95 |
| Dutch West Indian (310-313).....   | 5557.... | 5557.... | 96 |
| Haitian (336-359).....   | 5566.... | 5566.... | 97 |
| Jamaican (308-309).....  | 5575.... | 5575.... | 98 |

|   |          |          |     |
|---|----------|----------|-----|
| Trinidadian Tobagonian (314-316)  | 5584.... | 5584.... | 99  |
| U.S. Virgin Islander (317-320)..  | 5593.... | 5593.... | 100 |
| West Indian (335).....  | 5602.... | 5602.... | 101 |
| Other West Indian (304-307,<br>332-334).....  | 5611.... | 5611.... | 102 |
| Yugoslavian (176-177).....  | 5620.... | 5620.... | 103 |
| Race or Hispanic origin groups<br>(200-299, 900-928).....   | 5629.... | 5629.... | 104 |
| Other groups (002, 075-076, 079-<br>080, 101-102, 106-108, 117-121,<br>124, 127, 132-141, 156-163, 165-<br>170, 175, 181-182, 185-189,<br>191-194, 196-199, 365-369, 375-<br>399, 600-799, 808-862, 930, 998).. | 5638.... | 5638.... | 105 |
| Unclassified or not reported<br>(863-899, 995-997, 999).....  | 5647.... | 5647.... | 106 |
| PA23. PLACE OF BIRTH(100) (100)   |          |          |     |
| Universe: Foreign-born persons  |          |          |     |
| Europe (100-179, 181-199):  |          |          |     |
| Austria (102).....  | 5656.... | 5656.... | 1   |
| Belgium (103).....  | 5665.... | 5665.... | 2   |
| Czechoslovakia (105).....   | 5674.... | 5674.... | 3   |
| Denmark (106).....  | 5683.... | 5683.... | 4   |
| Estonia (182).....  | 5692.... | 5692.... | 5   |
| Finland (108).....  | 5701.... | 5701.... | 6   |
| France (109).....   | 5710.... | 5710.... | 7   |
| Germany (110-114).....  | 5719.... | 5719.... | 8   |
| Greece (116).....   | 5728.... | 5728.... | 9   |
| Hungary (117).....  | 5737.... | 5737.... | 10  |
| Ireland (119).....  | 5746.... | 5746.... | 11  |
| Italy (120).....  | 5755.... | 5755.... | 12  |
| Latvia (183).....   | 5764.... | 5764.... | 13  |
| Lithuania (184).....  | 5773.... | 5773.... | 14  |
| Netherlands (126).....  | 5782.... | 5782.... | 15  |
| Norway (127).....   | 5791.... | 5791.... | 16  |
| Poland (128).....   | 5800.... | 5800.... | 17  |
| Portugal (129-130).....   | 5809.... | 5809.... | 18  |
| Romania (132).....  | 5818.... | 5818.... | 19  |
| Spain (134).....  | 5827.... | 5827.... | 20  |
| Sweden (136).....   | 5836.... | 5836.... | 21  |
| Switzerland (137).....  | 5845.... | 5845.... | 22  |
| United Kingdom (138-145).....   | 5854.... | 5854.... | 23  |
| Yugoslavia (147).....   | 5863.... | 5863.... | 24  |
| Other Europe (100-101, 104, 107,<br>115, 118, 121-125, 131, 133,<br>135, 146, 148-179, 181, 185-199)..  | 5872.... | 5872.... | 25  |
| Soviet Union (180).....   | 5881.... | 5881.... | 26  |
| Asia (200-299):   |          |          |     |
| Afghanistan (200).....  | 5890.... | 5890.... | 27  |
| Burma (205).....  | 5899.... | 5899.... | 28  |



|   |          |          |    |
|---|----------|----------|----|
| Cambodia (206).....   | 5908.... | 5908.... | 29 |
| China (207).....  | 5917.... | 5917.... | 30 |
| Hong Kong (209).....  | 5926.... | 5926.... | 31 |
| India (210).....  | 5935.... | 5935.... | 32 |
| Indonesia (211).....  | 5944.... | 5944.... | 33 |
| Iran (212).....   | 5953.... | 5953.... | 34 |
| Iraq (213).....   | 5962.... | 5962.... | 35 |
| Israel (214).....   | 5971.... | 5971.... | 36 |
| Japan (215).....  | 5980.... | 5980.... | 37 |
| Jordan (216).....   | 5989.... | 5989.... | 38 |
| Korea (217-219).....  | 5998.... | 5998.... | 39 |
| Laos (221).....   | 6007.... | 6007.... | 40 |
| Lebanon (222).....  | 6016.... | 6016.... | 41 |
| Malaysia (224).....   | 6025.... | 6025.... | 42 |
| Pakistan (229).....   | 6034.... | 6034.... | 43 |
| Philippines (231).....  | 6043.... | 6043.... | 44 |
| Saudi Arabia (233).....   | 6052.... | 6052.... | 45 |
| Syria (237).....  | 6061.... | 6061.... | 46 |
| Taiwan (238).....   | 6070.... | 6070.... | 47 |
| Thailand (239).....   | 6079.... | 6079.... | 48 |
| Turkey (240).....   | 6088.... | 6088.... | 49 |
| Vietnam (242).....  | 6097.... | 6097.... | 50 |
| Other Asian (201-204, 208, 220,<br>223, 225-228, 230, 232, 234-236,<br>241, 243-299)..... | 6106.... | 6106.... | 51 |
| North America (300-374):  |          |          |    |
| Canada (301).....   | 6115.... | 6115.... | 52 |
| Mexico (315).....   | 6124.... | 6124.... | 53 |
| Caribbean (330-374):  |          |          |    |
| Antigua and Barbuda (331).....  | 6133.... | 6133.... | 54 |
| Bahamas (333).....  | 6142.... | 6142.... | 55 |
| Barbados (334).....   | 6151.... | 6151.... | 56 |
| Cuba (337).....   | 6160.... | 6160.... | 57 |
| Dominican Republic (339).....   | 6169.... | 6169.... | 58 |
| Grenada (340).....  | 6178.... | 6178.... | 59 |
| Haiti (342).....  | 6187.... | 6187.... | 60 |
| Jamaica (343).....  | 6196.... | 6196.... | 61 |
| Trinidad/Tobago (351).....  | 6205.... | 6205.... | 62 |
| Other Caribbean (330, 332, 335-<br>336, 338, 341, 344-350, 352-<br>374).....              | 6214.... | 6214.... | 63 |
| Central America (310-314, 316-<br>329):   |          |          |    |
| Belize (310).....   | 6223.... | 6223.... | 64 |
| Costa Rica (311).....   | 6232.... | 6232.... | 65 |
| El Salvador (312).....  | 6241.... | 6241.... | 66 |
| Guatemala (313).....  | 6250.... | 6250.... | 67 |
| Honduras (314).....   | 6259.... | 6259.... | 68 |
| Nicaragua (316).....  | 6268.... | 6268.... | 69 |
| Panama (317).....   | 6277.... | 6277.... | 70 |
| Other Central America (318-329).  | 6286.... | 6286.... | 71 |

|  |           |           |     |
|--|-----------|-----------|-----|
| Other North America (300, 302-309).....  | 6295..... | 6295..... | 72  |
| South America (375-399):   |           |           |     |
| Argentina (375).....   | 6304..... | 6304..... | 73  |
| Bolivia (376).....   | 6313..... | 6313..... | 74  |
| Brazil (377).....  | 6322..... | 6322..... | 75  |
| Chile (378).....   | 6331..... | 6331..... | 76  |
| Colombia (379).....  | 6340..... | 6340..... | 77  |
| Ecuador (380).....   | 6349..... | 6349..... | 78  |
| Guyana (383).....  | 6358..... | 6358..... | 79  |
| Peru (385).....  | 6367..... | 6367..... | 80  |
| Uruguay (387).....   | 6376..... | 6376..... | 81  |
| Venezuela (388).....   | 6385..... | 6385..... | 82  |
| Other South America (381-382, 384, 386, 389-399).....  | 6394..... | 6394..... | 83  |
| Africa (400-499):  |           |           |     |
| Cape Verde (409).....  | 6403..... | 6403..... | 84  |
| Egypt (415).....   | 6412..... | 6412..... | 85  |
| Ethiopia (417).....  | 6421..... | 6421..... | 86  |
| Ghana (421).....   | 6430..... | 6430..... | 87  |
| Kenya (427).....   | 6439..... | 6439..... | 88  |
| Morocco (436).....   | 6448..... | 6448..... | 89  |
| Nigeria (440).....   | 6457..... | 6457..... | 90  |
| Senegal (444).....   | 6466..... | 6466..... | 91  |
| South Africa (449).....  | 6475..... | 6475..... | 92  |
| Other Africa (400-408, 410-414, 416, 418-420, 422-426, 428-435, 437-439, 441-443, 445-448, 450-499)..... | 6484..... | 6484..... | 93  |
| Oceania (500-553):   |           |           |     |
| Australia (501).....   | 6493..... | 6493..... | 94  |
| Fiji (507).....  | 6502..... | 6502..... | 95  |
| New Zealand (514).....   | 6511..... | 6511..... | 96  |
| Tonga (522).....   | 6520..... | 6520..... | 97  |
| Western Samoa (526).....   | 6529..... | 6529..... | 98  |
| Other Oceania (500, 502-506, 508-513, 515-521, 523-525, 527-553)..                                       | 6538..... | 6538..... | 99  |
| Not reported (554-999).....  | 6547..... | 6547..... | 100 |
| PA24. YEAR OF ENTRY(2) BY PLACE OF BIRTH(12) (24)  |           |           |     |
| Universe: Foreign-born persons   |           |           |     |
| Immigrated 1980 to 1990:   |           |           |     |
| Europe (100-179, 181-199).....   | 6556..... | 6556..... | 1,1 |
| Soviet Union (180).....  | 6565..... | 6565..... | 1,2 |
| Asia (200-299).....  | 6574..... | 6574..... | 1,3 |
| North America (300-374):   |           |           |     |
| Canada (301).....  | 6583..... | 6583..... | 1,4 |
| Mexico (315).....  | 6592..... | 6592..... | 1,5 |
| Caribbean (330-374).....   | 6601..... | 6601..... | 1,6 |
| Central America (310-314, 316-329).....  | 6610..... | 6610..... | 1,7 |

|   |          |          |      |
|---|----------|----------|------|
| Other North America (300, 302-309).....   | 6619.... | 6619.... | 1,8  |
| South America (375-399).....  | 6628.... | 6628.... | 1,9  |
| Africa (400-499).....   | 6637.... | 6637.... | 1,10 |
| Oceania (500-553).....  | 6646.... | 6646.... | 1,11 |
| Not reported (554-999).....   | 6655.... | 6655.... | 1,12 |
| Immigrated before 1980:   |          |          |      |
| (Repeat PLACE OF BIRTH).....  | 6664.... | 6664.... | 2,1  |
| PA25. AGE(3) BY LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH(105) (315) |          |          |      |
| Universe: Persons 5 years and over  |          |          |      |
| 5 to 17 years:  |          |          |      |
| Speak only English.....   | 6772.... | 6772.... | 1,1  |
| Spanish or Spanish Creole (625, 627-628):                                       |          |          |      |
| Speak English "very well".....  | 6781.... | 6781.... | 1,2  |
| Speak English "well".....   | 6790.... | 6790.... | 1,3  |
| Speak English "not well".....   | 6799.... | 6799.... | 1,4  |
| Speak English "not at all".....   | 6808.... | 6808.... | 1,5  |
| French or French Creole (620-624):  |          |          |      |
| Speak English "very well".....  | 6817.... | 6817.... | 1,6  |
| Speak English "well".....   | 6826.... | 6826.... | 1,7  |
| Speak English "not well".....   | 6835.... | 6835.... | 1,8  |
| Speak English "not at all".....   | 6844.... | 6844.... | 1,9  |
| Italian (619):  |          |          |      |
| Speak English "very well".....  | 6853.... | 6853.... | 1,10 |
| Speak English "well".....   | 6862.... | 6862.... | 1,11 |
| Speak English "not well".....   | 6871.... | 6871.... | 1,12 |
| Speak English "not at all".....   | 6880.... | 6880.... | 1,13 |
| Portuguese or Portuguese Creole (629-630):                                      |          |          |      |
| Speak English "very well".....  | 6889.... | 6889.... | 1,14 |
| Speak English "well".....   | 6898.... | 6898.... | 1,15 |
| Speak English "not well".....   | 6907.... | 6907.... | 1,16 |
| Speak English "not at all".....   | 6916.... | 6916.... | 1,17 |
| German (607,613):   |          |          |      |
| Speak English "very well".....  | 6925.... | 6925.... | 1,18 |
| Speak English "well".....   | 6934.... | 6934.... | 1,19 |
| Speak English "not well".....   | 6943.... | 6943.... | 1,20 |
| Speak English "not at all".....   | 6952.... | 6952.... | 1,21 |
| Yiddish (609):  |          |          |      |
| Speak English "very well".....  | 6961.... | 6961.... | 1,22 |
| Speak English "well".....   | 6970.... | 6970.... | 1,23 |
| Speak English "not well".....   | 6979.... | 6979.... | 1,24 |
| Speak English "not at all".....   | 6988.... | 6988.... | 1,25 |
| Other West Germanic language (608, 610-612):                                    |          |          |      |
| Speak English "very well".....  | 6997.... | 6997.... | 1,26 |
| Speak English "well".....   | 7006.... | 7006.... | 1,27 |
| Speak English "not well".....   | 7015.... | 7015.... | 1,28 |

|   |          |          |      |
|---|----------|----------|------|
| Speak English "not at all".....                                     | 7024.... | 7024.... | 1,29 |
| Scandinavian (614-618):   |          |          |      |
| Speak English "very well".....                                      | 7033.... | 7033.... | 1,30 |
| Speak English "well".....   | 7042.... | 7042.... | 1,31 |
| Speak English "not well".....                                       | 7051.... | 7051.... | 1,32 |
| Speak English "not at all".....                                     | 7060.... | 7060.... | 1.33 |
| Polish (645):   |          |          |      |
| Speak English "very well".....                                      | 7069.... | 7069.... | 1,34 |
| Speak English "well".....   | 7078.... | 7078.... | 1,35 |
| Speak English "not well".....                                       | 7087.... | 7087.... | 1,36 |
| Speak English "not at all".....                                     | 7096.... | 7096.... | 1,37 |
| Russian (639):  |          |          |      |
| Speak English "very well".....                                      | 7105.... | 7105.... | 1,38 |
| Speak English "well".....   | 7114.... | 7114.... | 1,39 |
| Speak English "not well".....                                       | 7123.... | 7123.... | 1,40 |
| Speak English "not at all".....                                     | 7132.... | 7132.... | 1,41 |
| South Slavic (647-652):   |          |          |      |
| Speak English "very well".....                                      | 7141.... | 7141.... | 1,42 |
| Speak English "well".....   | 7150.... | 7150.... | 1,43 |
| Speak English "not well".....                                       | 7159.... | 7159.... | 1,44 |
| Speak English "not at all".....                                     | 7168.... | 7168.... | 1,45 |
| Other Slavic language (640-644, 646):                               |          |          |      |
| Speak English "very well".....                                      | 7177.... | 7177.... | 1,46 |
| Speak English "well".....   | 7186.... | 7186.... | 1,47 |
| Speak English "not well".....                                       | 7195.... | 7195.... | 1,48 |
| Speak English "not at all".....                                     | 7204.... | 7204.... | 1,49 |
| Greek (637):  |          |          |      |
| Speak English "very well".....                                      | 7213.... | 7213.... | 1,50 |
| Speak English "well".....   | 7222.... | 7222.... | 1,51 |
| Speak English "not well".....                                       | 7231.... | 7231.... | 1,52 |
| Speak English "not at all".....                                     | 7240.... | 7240.... | 1,53 |
| Indic (662-678):  |          |          |      |
| Speak English "very well".....                                      | 7249.... | 7249.... | 1,54 |
| Speak English "well".....   | 7258.... | 7258.... | 1,55 |
| Speak English "not well".....                                       | 7267.... | 7267.... | 1,56 |
| Speak English "not at all".....                                     | 7276.... | 7276.... | 1,57 |
| Other Indo-European language (601-606, 626, 631-636, 638, 653-661): |          |          |      |
| Speak English "very well".....                                      | 7285.... | 7285.... | 1,58 |
| Speak English "well".....   | 7294.... | 7294.... | 1,59 |
| Speak English "not well".....                                       | 7303.... | 7303.... | 1,60 |
| Speak English "not at all".....                                     | 7312.... | 7312.... | 1,61 |
| Chinese (708-715):  |          |          |      |
| Speak English "very well".....                                      | 7321.... | 7321.... | 1,62 |
| Speak English "well".....   | 7330.... | 7330.... | 1,63 |
| Speak English "not well".....                                       | 7339.... | 7339.... | 1,64 |
| Speak English "not at all".....                                     | 7348.... | 7348.... | 1,65 |
| Japanese (723):   |          |          |      |
| Speak English "very well".....                                      | 7357.... | 7357.... | 1,66 |
| Speak English "well".....   | 7366.... | 7366.... | 1,67 |
| Speak English "not well".....                                       | 7375.... | 7375.... | 1,68 |

|  |          |          |       |
|--|----------|----------|-------|
| Speak English "not at all".....  | 7384.... | 7384.... | 1,69  |
| Mon-Khmer (726):   |          |          |       |
| Speak English "very well".....   | 7393.... | 7393.... | 1,70  |
| Speak English "well".....  | 7402.... | 7402.... | 1,71  |
| Speak English "not well".....  | 7411.... | 7411.... | 1,72  |
| Speak English "not at all".....  | 7420.... | 7420.... | 1,73  |
| Korean (724):  |          |          |       |
| Speak English "very well".....   | 7429.... | 7429.... | 1,74  |
| Speak English "well".....  | 7438.... | 7438.... | 1,75  |
| Speak English "not well".....  | 7447.... | 7447.... | 1,76  |
| Speak English "not at all".....  | 7456.... | 7456.... | 1,77  |
| Tagalog (742):   |          |          |       |
| Speak English "very well".....   | 7465.... | 7465.... | 1,78  |
| Speak English "well".....  | 7474.... | 7474.... | 1,79  |
| Speak English "not well".....  | 7483.... | 7483.... | 1,80  |
| Speak English "not at all".....  | 7492.... | 7492.... | 1,81  |
| Vietnamese (728):  |          |          |       |
| Speak English "very well".....   | 7501.... | 7501.... | 1,82  |
| Speak English "well".....  | 7510.... | 7510.... | 1,83  |
| Speak English "not well".....  | 7519.... | 7519.... | 1,84  |
| Speak English "not at all".....  | 7528.... | 7528.... | 1,85  |
| Other Asian or Pacific Island<br>language (684-695, 698-707, 716-<br>722, 725, 727, 729-741, 743-776): |          |          |       |
| Speak English "very well".....   | 7537.... | 7537.... | 1,86  |
| Speak English "well".....  | 7546.... | 7546.... | 1,87  |
| Speak English "not well".....  | 7555.... | 7555.... | 1,88  |
| Speak English "not at all".....  | 7564.... | 7564.... | 1,89  |
| Arabic (777):  |          |          |       |
| Speak English "very well".....   | 7573.... | 7573.... | 1,90  |
| Speak English "well".....  | 7582.... | 7582.... | 1,91  |
| Speak English "not well".....  | 7591.... | 7591.... | 1,92  |
| Speak English "not at all".....  | 7600.... | 7600.... | 1,93  |
| Hungarian (682):   |          |          |       |
| Speak English "very well".....   | 7609.... | 7609.... | 1,94  |
| Speak English "well".....  | 7618.... | 7618.... | 1,95  |
| Speak English "not well".....  | 7627.... | 7627.... | 1,96  |
| Speak English "not at all".....  | 7636.... | 7636.... | 1,97  |
| Native North American languages<br>(800-955, 959-966, 977-982):  |          |          |       |
| Speak English "very well".....   | 7645.... | 7645.... | 1,98  |
| Speak English "well".....  | 7654.... | 7654.... | 1,99  |
| Speak English "not well".....  | 7663.... | 7663.... | 1,100 |
| Speak English "not at all".....  | 7672.... | 7672.... | 1,101 |
| Other and unspecified languages<br>(679-681, 683, 696-697, 778-799,<br>956-958, 967-976, 983-999):     |          |          |       |
| Speak English "very well".....   | 7681.... | 7681.... | 1,102 |
| Speak English "well".....  | 7690.... | 7690.... | 1,103 |
| Speak English "not well".....  | 7699.... | 7699.... | 1,104 |
| Speak English "not at all".....  | 7708.... | 7708.... | 1,105 |

|   |            |           |       |
|---|------------|-----------|-------|
| 18 to 59 years:   |            |           |       |
| (Repeat LANGUAGE SPOKEN AT HOME<br>AND ABILITY TO SPEAK ENGLISH)..... | 7717.....  | 7717..... | 2,1   |
| Filler.....   | 8086.....  | 8086      |       |
| End of Segment  |            |           |       |
| 18 to 59 years:   |            |           |       |
| (Repeat LANGUAGE SPOKEN AT HOME<br>AND ABILITY TO SPEAK ENGLISH)-Con  | 8394.....  | 301.....  | 2,42  |
| 60 years and over:  |            |           |       |
| (Repeat LANGUAGE SPOKEN AT HOME<br>AND ABILITY TO SPEAK ENGLISH)....  | 8970.....  | 877.....  | 3,1   |
| PA26. LANGUAGE SPOKEN AT HOME AND LINGUISTIC<br>ISOLATION(11) (11)    |            |           |       |
| Universe: Persons 5 years and over                                    |            |           |       |
| Persons in households:  |            |           |       |
| Speak only English:   |            |           |       |
| Linguistically isolated.....  | 9915.....  | 1822..... | 1     |
| Not linguistically isolated.....                                      | 9924.....  | 1831..... | 2     |
| Speak Spanish:  |            |           |       |
| Linguistically isolated.....  | 9933.....  | 1840..... | 3     |
| Not linguistically isolated.....                                      | 9942.....  | 1849..... | 4     |
| Speak other Indo-European language:                                   |            |           |       |
| Linguistically isolated.....  | 9951.....  | 1858..... | 5     |
| Not linguistically isolated.....                                      | 9960.....  | 1867..... | 6     |
| Speak Asian or Pacific Island<br>language:                            |            |           |       |
| Linguistically isolated.....  | 9969.....  | 1876..... | 7     |
| Not linguistically isolated.....                                      | 9978.....  | 1885..... | 8     |
| Speak other language:   |            |           |       |
| Linguistically isolated.....  | 9987.....  | 1894..... | 9     |
| Not linguistically isolated.....                                      | 9996.....  | 1903..... | 10    |
| Persons in group quarters.....  | 10005..... | 1912..... | 11    |
| PA27. SEX(2) BY AGE(4) BY HOUSEHOLD TYPE AND<br>RELATIONSHIP(11) (88) |            |           |       |
| Universe: Persons 18 years and over                                   |            |           |       |
| Male:   |            |           |       |
| 18 to 24 years:   |            |           |       |
| In households:  |            |           |       |
| Householder or spouse.....  | 10014..... | 1921..... | 1,1,1 |
| Child:  |            |           |       |
| In married-couple family....  | 10023..... | 1930..... | 1,1,2 |
| In other family:  |            |           |       |
| Male householder, no wife<br>present.....                             | 10032..... | 1939..... | 1,1,3 |
| Female householder, no<br>husband present.....                        | 10041..... | 1948..... | 1,1,4 |
| Other relatives:  |            |           |       |

|       |   |           |          |        |
|-------|---|-----------|----------|--------|
|       | In married-couple family....  | 10050.... | 1957.... | 1,1,5  |
|       | In other family:  |           |          |        |
|       | Male householder, no wife<br>present.....   | 10059.... | 1966.... | 1,1,6  |
|       | Female householder, no<br>husband present.....  | 10068.... | 1975.... | 1,1,7  |
|       | Nonrelatives:   |           |          |        |
|       | In family households.....   | 10077.... | 1984.... | 1,1,8  |
|       | In nonfamily households.....  | 10086.... | 1993.... | 1,1,9  |
|       | In group quarters:  |           |          |        |
|       | Institutionalized persons.....  | 10095.... | 2002.... | 1,1,10 |
|       | Other persons in group<br>quarters.....   | 10104.... | 2011.... | 1,1,11 |
|       | 25 to 34 years:   |           |          |        |
|       | (Repeat HOUSEHOLD TYPE AND<br>RELATIONSHIP).....  | 10113.... | 2020.... | 1,2,1  |
|       | 35 to 44 years:   |           |          |        |
|       | (Repeat HOUSEHOLD TYPE AND<br>RELATIONSHIP).....  | 10212.... | 2119.... | 1,3,1  |
|       | 45 years and over:  |           |          |        |
|       | (Repeat HOUSEHOLD TYPE AND<br>RELATIONSHIP).....  | 10311.... | 2218.... | 1,4,1  |
|       | Female:   |           |          |        |
|       | (Repeat AGE By HOUSEHOLD TYPE AND<br>RELATIONSHIP).....   | 10410.... | 2317.... | 2,1,1  |
| PA28. | PRESENCE AND AGE OF CHILDREN(2) BY<br>FAMILY TYPE(3) (6)<br>Universe: Families<br>Families with child of householder<br>18 years and over<br>Married-couple family..... | 10806.... | 2713.... | 1,1    |
|       | Other family,<br>Male householder, no wife<br>present.....  | 10815.... | 2722.... | 1,2    |
|       | Female householder, no husband<br>present.....  | 10824.... | 2731.... | 1,3    |
|       | Families with no child of householder<br>18 years and over<br>(Repeat FAMILY TYPE).....   | 10833.... | 2740.... | 2,1    |
| PA29. | IMPUTATION OF POPULATION ITEMS(2) (2)<br>Universe: Persons<br>No items allocated.....   | 10860.... | 2767.... | 1      |
|       | One or more items allocated.....  | 10869.... | 2776.... | 2      |
| PA30. | IMPUTATION OF ACREAGE OF<br>PROPERTY(3) (3)<br>Universe: Persons in households<br>Allocated.....  | 10878.... | 2785.... | 1      |
|       | Not allocated:  |           |          |        |

|       |  |           |          |    |
|-------|--|-----------|----------|----|
|       | In housing units on properties of<br>less than 1 acre..... | 10887.... | 2794.... | 2  |
|       | In housing units on properties of<br>1 acre or more.....   | 10896.... | 2803.... | 3  |
| PA31. | FILLER(4) (4)  |           |          |    |
|       | Filler.....  | 10905.... | 2812.... | 1  |
|       | Filler.....  | 10914.... | 2821.... | 2  |
|       | Filler.....  | 10923.... | 2830.... | 3  |
|       | Filler.....  | 10932.... | 2839.... | 4  |
| PA32. | IMPUTATION OF RELATIONSHIP(10) (10)                        |           |          |    |
|       | Universe: Persons in households                            |           |          |    |
|       | Allocated.....   | 10941.... | 2848.... | 1  |
|       | Not allocated:   |           |          |    |
|       | In family households:                                      |           |          |    |
|       | Householder.....   | 10950.... | 2857.... | 2  |
|       | Spouse.....  | 10959.... | 2866.... | 3  |
|       | Child:   |           |          |    |
|       | Natural-born or adopted.....                               | 10968.... | 2875.... | 4  |
|       | Step.....  | 10977.... | 2884.... | 5  |
|       | Grandchild.....  | 10986.... | 2893.... | 6  |
|       | Other relatives.....                                       | 10995.... | 2902.... | 7  |
|       | Nonrelatives.....  | 11004.... | 2911.... | 8  |
|       | In nonfamily households:                                   |           |          |    |
|       | Householder.....   | 11013.... | 2920.... | 9  |
|       | Nonrelatives.....  | 11022.... | 2929.... | 10 |
| PA33. | IMPUTATION OF GROUP QUARTERS(3) (3)                        |           |          |    |
|       | Universe: Persons in group quarters                        |           |          |    |
|       | Allocated.....   | 11031.... | 2938.... | 1  |
|       | Not allocated:   |           |          |    |
|       | Institutionalized persons.....                             | 11040.... | 2947.... | 2  |
|       | Other persons in group quarters...                         | 11049.... | 2956.... | 3  |
| PA34. | IMPUTATION OF SEX(3) (3)                                   |           |          |    |
|       | Universe: Persons  |           |          |    |
|       | Allocated.....   | 11058.... | 2965.... | 1  |
|       | Not allocated:   |           |          |    |
|       | Male.....  | 11067.... | 2974.... | 2  |
|       | Female.....  | 11076.... | 2983.... | 3  |
| PA35. | IMPUTATION OF RACE(6) (6)                                  |           |          |    |
|       | Universe: Persons  |           |          |    |
|       | Allocated.....   | 11085.... | 2992.... | 1  |
|       | Not allocated:   |           |          |    |
|       | White.....   | 11094.... | 3001.... | 2  |
|       | Black.....   | 11103.... | 3010.... | 3  |
|       | American Indian, Eskimo, or Aleut.                         | 11112.... | 3019.... | 4  |
|       | Asian or Pacific Islander.....                             | 11121.... | 3028.... | 5  |
|       | Other race.....  | 11130.... | 3037.... | 6  |



|       |   |            |           |     |
|-------|---|------------|-----------|-----|
| PA36. | IMPUTATION OF AGE(19) (19)                            |            |           |     |
|       | Universe: Persons                                     |            |           |     |
|       | Allocated.....  | 11139..... | 3046..... | 1   |
|       | Not allocated:  |            |           |     |
|       | Under 5 years.....                                    | 11148..... | 3055..... | 2   |
|       | 5 to 9 years.....                                     | 11157..... | 3064..... | 3   |
|       | 10 to 14 years.....                                   | 11166..... | 3073..... | 4   |
|       | 15 to 19 years.....                                   | 11175..... | 3082..... | 5   |
|       | 20 to 24 years.....                                   | 11184..... | 3091..... | 6   |
|       | 25 to 29 years.....                                   | 11193..... | 3100..... | 7   |
|       | 30 to 34 years.....                                   | 11202..... | 3109..... | 8   |
|       | 35 to 39 years.....                                   | 11211..... | 3118..... | 9   |
|       | 40 to 44 years.....                                   | 11220..... | 3127..... | 10  |
|       | 45 to 49 years.....                                   | 11229..... | 3136..... | 11  |
|       | 50 to 54 years.....                                   | 11238..... | 3145..... | 12  |
|       | 55 to 59 years.....                                   | 11247..... | 3154..... | 13  |
|       | 60 to 64 years.....                                   | 11256..... | 3163..... | 14  |
|       | 65 to 69 years.....                                   | 11265..... | 3172..... | 15  |
|       | 70 to 74 years.....                                   | 11274..... | 3181..... | 16  |
|       | 75 to 79 years.....                                   | 11283..... | 3190..... | 17  |
|       | 80 to 84 years.....                                   | 11292..... | 3199..... | 18  |
|       | 85 years and over.....                                | 11301..... | 3208..... | 19  |
| PA37. | SEX(2) BY IMPUTATION OF MARITAL<br>STATUS(6) (12)     |            |           |     |
|       | Universe: Persons 15 years and over                   |            |           |     |
|       | Male:   |            |           |     |
|       | Allocated.....  | 11310..... | 3217..... | 1,1 |
|       | Not allocated:  |            |           |     |
|       | Never married.....                                    | 11319..... | 3226..... | 1,2 |
|       | Now married, except separated.....                    | 11328..... | 3235..... | 1,3 |
|       | Separated.....  | 11337..... | 3244..... | 1,4 |
|       | Widowed.....  | 11346..... | 3253..... | 1,5 |
|       | Divorced.....   | 11355..... | 3262..... | 1,6 |
|       | Female:   |            |           |     |
|       | (Repeat IMPUTATION OF MARITAL<br>STATUS).....         | 11364..... | 3271..... | 2,1 |
| PA38. | IMPUTATION OF HISPANIC ORIGIN(6) (6)                  |            |           |     |
|       | Universe: Persons                                     |            |           |     |
|       | Allocated.....  | 11418..... | 3325..... | 1   |
|       | Not allocated:  |            |           |     |
|       | Not of Hispanic origin.....                           | 11427..... | 3334..... | 2   |
|       | Hispanic origin:                                      |            |           |     |
|       | Mexican.....  | 11436..... | 3343..... | 3   |
|       | Puerto Rican.....                                     | 11445..... | 3352..... | 4   |
|       | Cuban.....  | 11454..... | 3361..... | 5   |
|       | Other Hispanic.....                                   | 11463..... | 3370..... | 6   |
| PA39. | IMPUTATION OF NATIVITY AND PLACE OF<br>BIRTH(14) (14) |            |           |     |

|  |           |          |    |
|--|-----------|----------|----|
| Universe: Persons                          |           |          |    |
| Allocated.....                             | 11472.... | 3379.... | 1  |
| Not allocated:                             |           |          |    |
| Native (001-099):                          |           |          |    |
| Born in State of residence.....            | 11481.... | 3388.... | 2  |
| Born in other State in the                 |           |          |    |
| United States (001-059):                   |           |          |    |
| Northeast (009, 023, 025,                  |           |          |    |
| 033-034, 036, 042-044, 050)..              | 11490.... | 3397.... | 3  |
| Midwest (017-020, 026-027,                 |           |          |    |
| 029, 031, 038-039, 046, 055).              | 11499.... | 3406.... | 4  |
| South (001, 005, 010-014,                  |           |          |    |
| 021-022, 024, 028, 037,                    |           |          |    |
| 040, 045, 047-048, 051-052,                |           |          |    |
| 054).....                                  | 11508.... | 3415.... | 5  |
| West (002-004, 006-008, 015-               |           |          |    |
| 016, 030, 032, 035, 041,                   |           |          |    |
| 049, 053, 056-059).....                    | 11517.... | 3424.... | 6  |
| Born outside the United States             |           |          |    |
| (060-099):                                 |           |          |    |
| Puerto Rico (072-075).....                 | 11526.... | 3433.... | 7  |
| Virgin Islands of the United               |           |          |    |
| States (078).....                          | 11535.... | 3442.... | 8  |
| American Samoa (060-065).....              | 11544.... | 3451.... | 9  |
| Guam (066).....                            | 11553.... | 3460.... | 10 |
| Commonwealth of the Northern..             | 11562.... | 3469.... | 11 |
| Marianas (069-070)                         |           |          |    |
| Other U.S. outlying area                   |           |          |    |
| (067-068, 071, 076-077,                    |           |          |    |
| 079-099).....                              | 11571.... | 3478.... | 12 |
| Born abroad of American                    |           |          |    |
| parent(s).....                             | 11580.... | 3487.... | 13 |
| Foreign born (100-999).....                | 11589.... | 3496.... | 14 |
| PA40. IMPUTATION OF CITIZENSHIP(3) (3)     |           |          |    |
| Universe: Foreign-born persons             |           |          |    |
| Allocated.....                             | 11598.... | 3505.... | 1  |
| Not allocated:                             |           |          |    |
| Naturalized citizen.....                   | 11607.... | 3514.... | 2  |
| Not a citizen.....                         | 11616.... | 3523.... | 3  |
| PA41. IMPUTATION OF YEAR OF ENTRY(11) (11) |           |          |    |
| Universe: Foreign-born persons             |           |          |    |
| Allocated.....                             | 11625.... | 3532.... | 1  |
| Not allocated:                             |           |          |    |
| 1987 to 1990.....                          | 11634.... | 3541.... | 2  |
| 1985 to 1986.....                          | 11643.... | 3550.... | 3  |
| 1982 to 1984.....                          | 11652.... | 3559.... | 4  |
| 1980 to 1981.....                          | 11661.... | 3568.... | 5  |
| 1975 to 1979.....                          | 11670.... | 3577.... | 6  |
| 1970 to 1974.....                          | 11679.... | 3586.... | 7  |

|       |  |           |          |    |
|-------|--|-----------|----------|----|
|       | 1965 to 1969.....  | 11688.... | 3595.... | 8  |
|       | 1960 to 1964.....  | 11697.... | 3604.... | 9  |
|       | 1950 to 1959.....  | 11706.... | 3613.... | 10 |
|       | Before 1950.....   | 11715.... | 3622.... | 11 |
| PA42. | IMPUTATION OF SCHOOL ENROLLMENT AND TYPE OF SCHOOL(8) (8)  |           |          |    |
|       | Universe: Persons 3 years and over                         |           |          |    |
|       | Allocated.....   | 11724.... | 3631.... | 1  |
|       | Not allocated:   |           |          |    |
|       | Enrolled in preprimary school:                             |           |          |    |
|       | Public school.....   | 11733.... | 3640.... | 2  |
|       | Private school.....  | 11742.... | 3649.... | 3  |
|       | Enrolled in elementary or high school:                     |           |          |    |
|       | Public school.....   | 11751.... | 3658.... | 4  |
|       | Private school.....  | 11760.... | 3667.... | 5  |
|       | Enrolled in college:                                       |           |          |    |
|       | Public school.....   | 11769.... | 3676.... | 6  |
|       | Private school.....  | 11778.... | 3685.... | 7  |
|       | Not enrolled in school.....                                | 11787.... | 3694.... | 8  |
| PA43. | IMPUTATION OF COLLEGE ENROLLMENT(3) (3)                    |           |          |    |
|       | Universe: Persons 18 years and over                        |           |          |    |
|       | Allocated.....   | 11796.... | 3703.... | 1  |
|       | Not allocated:   |           |          |    |
|       | Enrolled in college.....                                   | 11805.... | 3712.... | 2  |
|       | Not enrolled in college.....                               | 11814.... | 3721.... | 3  |
| PA44. | IMPUTATION OF EDUCATIONAL ATTAINMENT(16) (16)              |           |          |    |
|       | Universe: Persons 25 years and over                        |           |          |    |
|       | Allocated.....   | 11823.... | 3730.... | 1  |
|       | Not allocated:   |           |          |    |
|       | No school or less than 1st grade..                         | 11832.... | 3739.... | 2  |
|       | 1st to 4th grade.....                                      | 11841.... | 3748.... | 3  |
|       | 5th to 8th grade.....                                      | 11850.... | 3757.... | 4  |
|       | 9th grade.....   | 11859.... | 3766.... | 5  |
|       | 10th grade.....  | 11868.... | 3775.... | 6  |
|       | 11th grade.....  | 11877.... | 3784.... | 7  |
|       | 12th grade, no diploma.....                                | 11886.... | 3793.... | 8  |
|       | High school graduate (includes<br>equivalency).....        | 11895.... | 3802.... | 9  |
|       | Some college, no degree.....                               | 11904.... | 3811.... | 10 |
|       | Associate degree in college<br>(occupational program)..... | 11913.... | 3820.... | 11 |
|       | Associate degree in college<br>(academic program).....     | 11922.... | 3829.... | 12 |
|       | Bachelor's degree.....                                     | 11931.... | 3838.... | 13 |
|       | Master's degree.....                                       | 11940.... | 3847.... | 14 |
|       | Professional school degree.....                            | 11949.... | 3856.... | 15 |
|       | Doctorate degree.....                                      | 11958.... | 3865.... | 16 |

|       |   |           |          |    |
|-------|---|-----------|----------|----|
| PA45. | IMPUTATION OF RESIDENCE IN 1985-<br>STATE, COUNTY, AND PLACE LEVEL(13) (13) |           |          |    |
|       | Universe: Persons 5 years and over  |           |          |    |
|       | Allocated.....  | 11967.... | 3874.... | 1  |
|       | Not allocated:  |           |          |    |
|       | Same house in 1985.....   | 11976.... | 3883.... | 2  |
|       | Different house in the United<br>States in 1985:                            |           |          |    |
|       | Same city or town:  |           |          |    |
|       | Same county.....  | 11985.... | 3892.... | 3  |
|       | Different county (same State).  | 11994.... | 3901.... | 4  |
|       | Elsewhere:  |           |          |    |
|       | Same county.....  | 12003.... | 3910.... | 5  |
|       | Different county:   |           |          |    |
|       | Same State.....   | 12012.... | 3919.... | 6  |
|       | Different State:  |           |          |    |
|       | Northeast.....  | 12021.... | 3928.... | 7  |
|       | Midwest.....  | 12030.... | 3937.... | 8  |
|       | South.....  | 12039.... | 3946.... | 9  |
|       | West.....   | 12048.... | 3955.... | 10 |
|       | Abroad in 1985:   |           |          |    |
|       | Puerto Rico.....  | 12057.... | 3964.... | 11 |
|       | U.S. outlying area.....   | 12066.... | 3973.... | 12 |
|       | Foreign country.....  | 12075.... | 3982.... | 13 |
| PA46. | IMPUTATION OF LANGUAGE STATUS(3) (3)  |           |          |    |
|       | Universe: Persons 5 years and over  |           |          |    |
|       | Allocated.....  | 12084.... | 3991.... | 1  |
|       | Not allocated:  |           |          |    |
|       | Speak only English.....   | 12093.... | 4000.... | 2  |
|       | Speak other language.....   | 12102.... | 4009.... | 3  |
| PA47. | IMPUTATION OF LANGUAGE SPOKEN AT<br>HOME(28) (28)                           |           |          |    |
|       | Universe: Persons 5 years and over  |           |          |    |
|       | Speak only English.....   | 12111.... | 4018.... | 1  |
|       | Speak other language:   |           |          |    |
|       | Allocated.....  | 12120.... | 4027.... | 2  |
|       | Not allocated:  |           |          |    |
|       | Spanish or Spanish Creole (625,<br>627-628).....                            | 12129.... | 4036.... | 3  |
|       | French or French Creole (620-<br>624).....                                  | 12138.... | 4045.... | 4  |
|       | Italian (619).....  | 12147.... | 4054.... | 5  |
|       | Portuguese or Portuguese Creole<br>(629-630).....                           | 12156.... | 4063.... | 6  |
|       | German (607, 613).....  | 12165.... | 4072.... | 7  |
|       | Yiddish (609).....  | 12174.... | 4081.... | 8  |
|       | Other West Germanic language<br>(608, 610-612).....                         | 12183.... | 4090.... | 9  |
|       | Scandinavian (614-618).....   | 12192.... | 4099.... | 10 |

|       |  |           |          |    |
|-------|--|-----------|----------|----|
|       | Polish (645).....  | 12201.... | 4108.... | 11 |
|       | Russian (639).....   | 12210.... | 4117.... | 12 |
|       | South Slavic (647-652).....  | 12219.... | 4126.... | 13 |
|       | Other Slavic language (640-644,<br>646).....   | 12228.... | 4135.... | 14 |
|       | Greek (637).....   | 12237.... | 4144.... | 15 |
|       | Indic (662-678).....   | 12246.... | 4153.... | 16 |
|       | Other Indo-European language<br>(601-606, 626, 631-636, 638,<br>653-661).....                                | 12255.... | 4162.... | 17 |
|       | Chinese (708-715).....   | 12264.... | 4171.... | 18 |
|       | Japanese (723).....  | 12273.... | 4180.... | 19 |
|       | Mon-Khmer (726).....   | 12282.... | 4189.... | 20 |
|       | Korean (724).....  | 12291.... | 4198.... | 21 |
|       | Tagalog (742).....   | 12300.... | 4207.... | 22 |
|       | Vietnamese (728).....  | 12309.... | 4216.... | 23 |
|       | Other Asian or Pacific Island<br>language (684-695, 698-707,<br>716-722, 725, 727, 729-741,<br>743-776)..... | 12318.... | 4225.... | 24 |
|       | Arabic (777).....  | 12327.... | 4234.... | 25 |
|       | Hungarian (682).....   | 12336.... | 4243.... | 26 |
|       | Native North American languages<br>(800-955,959-966, 977-982).....   | 12345.... | 4252.... | 27 |
|       | Other and unspecified languages<br>(679-681, 683, 696-697, 778-<br>799, 956-958, 967-976, 983-999)           | 12354.... | 4261.... | 28 |
| PA48. | IMPUTATION OF ABILITY TO SPEAK<br>ENGLISH(6) (6)   |           |          |    |
|       | Universe: Persons 5 years and over   |           |          |    |
|       | Speak only English.....  | 12363.... | 4270.... | 1  |
|       | Speak other language:  |           |          |    |
|       | Allocated.....   | 12372.... | 4279.... | 2  |
|       | Not allocated:   |           |          |    |
|       | Speak English "very well".....   | 12381.... | 4288.... | 3  |
|       | Speak English "well".....  | 12390.... | 4297.... | 4  |
|       | Speak English "not well".....  | 12399.... | 4306.... | 5  |
|       | Speak English "not at all".....  | 12408.... | 4315.... | 6  |
| PA49. | IMPUTATION OF LINGUISTIC ISOLATION(3) (3)  |           |          |    |
|       | Universe: Households   |           |          |    |
|       | Allocated.....   | 12417.... | 4324.... | 1  |
|       | Not allocated:   |           |          |    |
|       | Linguistically isolated.....   | 12426.... | 4333.... | 2  |
|       | Not linguistically isolated.....   | 12435.... | 4342.... | 3  |
| PA50. | IMPUTATION OF VETERAN STATUS(4) (4)  |           |          |    |
|       | Universe: Persons 16 years and over  |           |          |    |
|       | Allocated.....   | 12444.... | 4351.... | 1  |
|       | Not allocated:   |           |          |    |

|       |   |           |          |     |
|-------|---|-----------|----------|-----|
|       | In Armed Forces.....  | 12453.... | 4360.... | 2   |
|       | Civilian:   |           |          |     |
|       | Veteran.....  | 12462.... | 4369.... | 3   |
|       | Nonveteran.....   | 12471.... | 4378.... | 4   |
| PA51. | IMPUTATION OF PERIOD OF MILITARY<br>SERVICE(14) (14)                                      |           |          |     |
|       | Universe: Civilian veterans 16 years<br>and over  |           |          |     |
|       | Allocated.....  | 12480.... | 4387.... | 1   |
|       | Not allocated:  |           |          |     |
|       | May 1975 or later only:   |           |          |     |
|       | September 1980 or later only:   |           |          |     |
|       | With less than 2 years of<br>service.....   | 12489.... | 4396.... | 2   |
|       | With 2 or more years of<br>service.....   | 12498.... | 4405.... | 3   |
|       | May 1975 to August 1980 only....  | 12507.... | 4414.... | 4   |
|       | Both, May 1975 to August 1980<br>and September 1980 or later....                          | 12516.... | 4423.... | 5   |
|       | Vietnam era, no Korean conflict<br>nor World War II.....                                  | 12525.... | 4432.... | 6   |
|       | Vietnam era and Korean conflict,<br>no World War II.....                                  | 12534.... | 4441.... | 7   |
|       | Vietnam era, Korean conflict,<br>and World War II.....                                    | 12543.... | 4450.... | 8   |
|       | February 1955 to July 1964 only....   | 12552.... | 4459.... | 9   |
|       | Korean conflict, no Vietnam era<br>nor World War II.....                                  | 12561.... | 4468.... | 10  |
|       | Korean conflict and World War II,<br>no Vietnam era.....                                  | 12570.... | 4477.... | 11  |
|       | World War II, no Korean conflict<br>nor Vietnam era.....                                  | 12579.... | 4486.... | 12  |
|       | World War I.....  | 12588.... | 4495.... | 13  |
|       | Other service.....  | 12597.... | 4504.... | 14  |
| PA52. | AGE(2) BY IMPUTATION OF WORK<br>DISABILITY STATUS(4) (8)                                  |           |          |     |
|       | Universe: Civilian noninstitution-<br>alized persons 16 years and over<br>16 to 64 years: |           |          |     |
|       | Work disability status allocated..  | 12606.... | 4513.... | 1,1 |
|       | Work disability status not<br>allocated:  |           |          |     |
|       | With a work disability:   |           |          |     |
|       | Prevented from working.....   | 12615.... | 4522.... | 1,2 |
|       | Not prevented from working....  | 12624.... | 4531.... | 1,3 |
|       | No work disability.....   | 12633.... | 4540.... | 1,4 |
|       | 65 years and over   |           |          |     |
|       | (Repeat IMPUTATION OF WORK<br>DISABILITY STATUS).....                                     | 12642.... | 4549.... | 2,1 |

|       |  |
|-------|--|
| PA53. | AGE(2) BY IMPUTATION OF WORK<br>PREVENTION STATUS(4) (8)<br>Universe: Civilian noninstitution-<br>alized persons 16 years and over<br>16 to 64 years:<br>With a work disability:<br>Work prevention status<br>allocated..... 12678.... 4585.... 1,1<br>Work prevention status not<br>allocated:<br>Prevented from working..... 12687.... 4594.... 1,2<br>Not prevented from working.... 12696.... 4603.... 1,3<br>No work disability..... 12705.... 4612.... 1,4<br>65 years and over:<br>(Repeat IMPUTATION OF WORK<br>PREVENTION STATUS)..... 12714.... 4621.... 2,1 |
| PA54. | IMPUTATION OF MOBILITY LIMITATION<br>STATUS(3) (3)<br>Universe: Civilian noninstitution-<br>alized persons 16 years and over<br>Allocated..... 12750.... 4657.... 1<br>Not allocated:<br>With a mobility limitation..... 12759.... 4666.... 2<br>No mobility limitation..... 12768.... 4675.... 3  |
| PA55. | IMPUTATION OF SELF-CARE LIMITATION<br>STATUS(3) (3)<br>Universe: Civilian noninstitution-<br>alized persons 16 years and over<br>Allocated..... 12777.... 4684.... 1<br>Not allocated:<br>With a self-care limitation..... 12786.... 4693.... 2<br>No self-care limitation..... 12795.... 4702.... 3   |
| PA56. | IMPUTATION OF CHILDREN EVER BORN(7) (7)<br>Universe: Females 15 years and over<br>Allocated..... 12804.... 4711.... 1<br>Not allocated:<br>No children..... 12813.... 4720.... 2<br>1 child..... 12822.... 4729.... 3<br>2 children..... 12831.... 4738.... 4<br>3 children..... 12840.... 4747.... 5<br>4 children..... 12849.... 4756.... 6<br>5 or more children..... 12858.... 4765.... 7  |
| PA57. | IMPUTATION OF EMPLOYMENT STATUS(5) (5)<br>Universe: Persons 16 years and over<br>Allocated..... 12867.... 4774.... 1<br>Not allocated:<br>In labor force:  |

|       |  |           |          |   |
|-------|--|-----------|----------|---|
|       | In Armed Forces.....   | 12876.... | 4783.... | 2 |
|       | Civilian:  |           |          |   |
|       | Employed.....  | 12885.... | 4792.... | 3 |
|       | Unemployed.....  | 12894.... | 4801.... | 4 |
|       | Not in labor force.....  | 12903.... | 4810.... | 5 |
| PA58. | IMPUTATION OF HOURS WORKED LAST WEEK(8) (8)                      |           |          |   |
|       | Universe: Persons 16 years and over                              |           |          |   |
|       | In labor force:  |           |          |   |
|       | In Armed Forces.....   | 12912.... | 4819.... | 1 |
|       | Civilian:  |           |          |   |
|       | Employed:  |           |          |   |
|       | Allocated.....   | 12921.... | 4828.... | 2 |
|       | Not allocated:   |           |          |   |
|       | At work 35 or more hours....                                     | 12930.... | 4837.... | 3 |
|       | At work 15 to 34 hours.....                                      | 12939.... | 4846.... | 4 |
|       | At work 1 to 14 hours.....                                       | 12948.... | 4855.... | 5 |
|       | With a job, but not at work.                                     | 12957.... | 4864.... | 6 |
|       | Unemployed.....  | 12966.... | 4873.... | 7 |
|       | Not in labor force.....  | 12975.... | 4882.... | 8 |
| PA59. | IMPUTATION OF PLACE OF WORK-STATE<br>AND COUNTY LEVEL(4) (4)     |           |          |   |
|       | Universe: Workers 16 years and over                              |           |          |   |
|       | Allocated.....   | 12984.... | 4891.... | 1 |
|       | Not allocated:   |           |          |   |
|       | Worked in State of residence:                                    |           |          |   |
|       | Worked in county of residence...                                 | 12993.... | 4900.... | 2 |
|       | Worked outside county of<br>residence.....                       | 13002.... | 4909.... | 3 |
|       | Worked outside State of residence.                               | 13011.... | 4918.... | 4 |
| PA60. | IMPUTATION OF PLACE OF WORK-PLACE<br>LEVEL(4) (4)                |           |          |   |
|       | Universe: Workers 16 years and over                              |           |          |   |
|       | Allocated.....   | 13020.... | 4927.... | 1 |
|       | Not allocated:   |           |          |   |
|       | Living in a place:   |           |          |   |
|       | Worked in place of residence....                                 | 13029.... | 4936.... | 2 |
|       | Worked outside place of<br>residence.....                        | 13038.... | 4945.... | 3 |
|       | Not living in a place.....                                       | 13047.... | 4954.... | 4 |
| PA61. | IMPUTATION OF PLACE OF WORK-MINOR<br>CIVIL DIVISION LEVEL(4) (4) |           |          |   |
|       | Universe: Workers 16 years and over                              |           |          |   |
|       | Living in the 9 Northeastern States:                             |           |          |   |
|       | Allocated.....   | 13056.... | 4963.... | 1 |
|       | Not allocated:   |           |          |   |
|       | Worked in minor civil division<br>of residence.....              | 13065.... | 4972.... | 2 |



|       |   |           |          |    |
|-------|---|-----------|----------|----|
|       | Worked outside minor civil<br>division of residence.....  | 13074.... | 4981.... | 3  |
|       | Not living in the 9 Northeastern<br>States.....           | 13083.... | 4990.... | 4  |
| PA62. | IMPUTATION OF MEANS OF TRANSPORTATION<br>TO WORK(14) (14) |           |          |    |
|       | Universe: Workers 16 years and over                       |           |          |    |
|       | Allocated.....  | 13092.... | 4999.... | 1  |
|       | Not allocated:  |           |          |    |
|       | Car, truck, or van:                                       |           |          |    |
|       | Drove alone.....  | 13101.... | 5008.... | 2  |
|       | Carpooled.....  | 13110.... | 5017.... | 3  |
|       | Public transportation:                                    |           |          |    |
|       | Bus or trolley bus.....                                   | 13119.... | 5026.... | 4  |
|       | Streetcar or trolley car.....                             | 13128.... | 5035.... | 5  |
|       | Subway or elevated.....                                   | 13137.... | 5044.... | 6  |
|       | Railroad.....   | 13146.... | 5053.... | 7  |
|       | Ferryboat.....  | 13155.... | 5062.... | 8  |
|       | Taxicab.....  | 13164.... | 5071.... | 9  |
|       | Motorcycle.....   | 13173.... | 5080.... | 10 |
|       | Bicycle.....  | 13182.... | 5089.... | 11 |
|       | Walked.....   | 13191.... | 5098.... | 12 |
|       | Other means.....  | 13200.... | 5107.... | 13 |
|       | Worked at home.....                                       | 13209.... | 5116.... | 14 |
| PA63. | IMPUTATION OF PRIVATE VEHICLE<br>OCCUPANCY(10) (10)       |           |          |    |
|       | Universe: Workers 16 years and over                       |           |          |    |
|       | Car, truck, or van:                                       |           |          |    |
|       | Allocated.....  | 13218.... | 5125.... | 1  |
|       | Not allocated:  |           |          |    |
|       | Drove alone.....  | 13227.... | 5134.... | 2  |
|       | Carpooled:  |           |          |    |
|       | In 2-person carpool.....                                  | 13236.... | 5143.... | 3  |
|       | In 3-person carpool.....                                  | 13245.... | 5152.... | 4  |
|       | In 4-person carpool.....                                  | 13254.... | 5161.... | 5  |
|       | In 5-person carpool.....                                  | 13263.... | 5170.... | 6  |
|       | In 6-person carpool.....                                  | 13272.... | 5179.... | 7  |
|       | In 7-to-9-person carpool.....                             | 13281.... | 5188.... | 8  |
|       | In 10-or-more-person carpool..                            | 13290.... | 5197.... | 9  |
|       | Other means.....  | 13299.... | 5206.... | 10 |
| PA64. | IMPUTATION OF TIME LEAVING HOME TO<br>GO TO WORK(16) (16) |           |          |    |
|       | Universe: Workers 16 years and over                       |           |          |    |
|       | Did not work at home:                                     |           |          |    |
|       | Allocated.....  | 13308.... | 5215.... | 1  |
|       | Not allocated:  |           |          |    |
|       | 12:00 a.m. to 4:59 a.m.....                               | 13317.... | 5224.... | 2  |
|       | 5:00 a.m. to 5:29 a.m.....                                | 13326.... | 5233.... | 3  |

|                              |           |          |    |
|------------------------------|-----------|----------|----|
| 5:30 a.m. to 5:59 a.m.....   | 13335.... | 5242.... | 4  |
| 6:00 a.m. to 6:29 a.m.....   | 13344.... | 5251.... | 5  |
| 6:30 a.m. to 6:59 a.m.....   | 13353.... | 5260.... | 6  |
| 7:00 a.m. to 7:29 a.m.....   | 13362.... | 5269.... | 7  |
| 7:30 a.m. to 7:59 a.m.....   | 13371.... | 5278.... | 8  |
| 8:00 a.m. to 8:29 a.m.....   | 13380.... | 5287.... | 9  |
| 8:30 a.m. to 8:59 a.m.....   | 13389.... | 5296.... | 10 |
| 9:00 a.m. to 9:59 a.m.....   | 13398.... | 5305.... | 11 |
| 10:00 a.m. to 10:59 a.m..... | 13407.... | 5314.... | 12 |
| 11:00 a.m. to 11:59 a.m..... | 13416.... | 5323.... | 13 |
| 12:00 p.m. to 3:59 p.m.....  | 13425.... | 5332.... | 14 |
| 4:00 p.m. to 11:59 p.m.....  | 13434.... | 5341.... | 15 |
| Worked at home.....          | 13443.... | 5350.... | 16 |

## PA65. IMPUTATION OF TRAVELTIME TO WORK(14) (14)

Universe: Workers 16 years and over  
Did not work at home:

|                          |           |          |    |
|--------------------------|-----------|----------|----|
| Allocated.....           | 13452.... | 5359.... | 1  |
| Not allocated:           |           |          |    |
| Less than 5 minutes..... | 13461.... | 5368.... | 2  |
| 5 to 9 minutes.....      | 13470.... | 5377.... | 3  |
| 10 to 14 minutes.....    | 13479.... | 5386.... | 4  |
| 15 to 19 minutes.....    | 13488.... | 5395.... | 5  |
| 20 to 24 minutes.....    | 13497.... | 5404.... | 6  |
| 25 to 29 minutes.....    | 13506.... | 5413.... | 7  |
| 30 to 34 minutes.....    | 13515.... | 5422.... | 8  |
| 35 to 39 minutes.....    | 13524.... | 5431.... | 9  |
| 40 to 44 minutes.....    | 13533.... | 5440.... | 10 |
| 45 to 59 minutes.....    | 13542.... | 5449.... | 11 |
| 60 to 89 minutes.....    | 13551.... | 5458.... | 12 |
| 90 or more minutes.....  | 13560.... | 5467.... | 13 |
| Worked at home.....      | 13569.... | 5476.... | 14 |

## PA66. IMPUTATION OF INDUSTRY(16) (16)

Universe: Employed persons 16 years  
and over

|   |           |          |    |
|---|-----------|----------|----|
| Allocated.....  | 13578.... | 5485.... | 1  |
| Not allocated:  |           |          |    |
| Agriculture (000-030).....  | 13587.... | 5494.... | 2  |
| Forestry and fisheries (031-039)..  | 13596.... | 5503.... | 3  |
| Mining (040-059).....   | 13605.... | 5512.... | 4  |
| Construction (060-099).....   | 13614.... | 5521.... | 5  |
| Manufacturing (100-399):  |           |          |    |
| Nondurable goods (100-229).....   | 13623.... | 5530.... | 6  |
| Durable goods (230-399).....  | 13632.... | 5539.... | 7  |
| Transportation, communications,<br>and other public utilities<br>(400-499)..... | 13641.... | 5548.... | 8  |
| Wholesale trade (500-579).....  | 13650.... | 5557.... | 9  |
| Retail trade (580-699).....   | 13659.... | 5566.... | 10 |
| Finance, insurance, and real  |           |          |    |

|       |  |           |          |    |
|-------|--|-----------|----------|----|
|       | estate (700-720).....                        | 13668.... | 5575.... | 11 |
|       | Business and repair services                 |           |          |    |
|       | (721-760).....                               | 13677.... | 5584.... | 12 |
|       | Personal services (761-799).....             | 13686.... | 5593.... | 13 |
|       | Entertainment and recreation                 |           |          |    |
|       | services (800-811).....                      | 13695.... | 5602.... | 14 |
|       | Professional and related services            |           |          |    |
|       | (812-899).....                               | 13704.... | 5611.... | 15 |
|       | Public administration (900-939)...           | 13713.... | 5620.... | 16 |
| PA67. | IMPUTATION OF OCCUPATION(14) (14)            |           |          |    |
|       | Universe: Employed persons 16 years and over |           |          |    |
|       | Allocated.....                               | 13722.... | 5629.... | 1  |
|       | Not allocated:                               |           |          |    |
|       | Managerial and professional                  |           |          |    |
|       | specialty occupations (000-202):             |           |          |    |
|       | Executive, administrative, and               |           |          |    |
|       | managerial occupations (000-                 |           |          |    |
|       | 042).....                                    | 13731.... | 5638.... | 2  |
|       | Professional specialty                       |           |          |    |
|       | occupations (043-202).....                   | 13740.... | 5647.... | 3  |
|       | Technical, sales, and admin-                 |           |          |    |
|       | istrative support occupations                |           |          |    |
|       | (203-402):                                   |           |          |    |
|       | Technicians and related support              |           |          |    |
|       | occupations (203-242).....                   | 13749.... | 5656.... | 4  |
|       | Sales occupations (243-302).....             | 13758.... | 5665.... | 5  |
|       | Administrative support occupations,          |           |          |    |
|       | including clerical (303-402)...              | 13767.... | 5674.... | 6  |
|       | Service occupations (403-472):               |           |          |    |
|       | Private household occupations                |           |          |    |
|       | (403-412).....                               | 13776.... | 5683.... | 7  |
|       | Protective service occupations               |           |          |    |
|       | (413-432).....                               | 13785.... | 5692.... | 8  |
|       | Service occupations, except                  |           |          |    |
|       | protective and household                     |           |          |    |
|       | (433-472).....                               | 13794.... | 5701.... | 9  |
|       | Farming, forestry, and fishing               |           |          |    |
|       | occupations (473-502).....                   | 13803.... | 5710.... | 10 |
|       | Precision production, craft, and             |           |          |    |
|       | repair operations (503-702).....             | 13812.... | 5719.... | 11 |
|       | Operators, fabricators, and                  |           |          |    |
|       | laborers (703-902):                          |           |          |    |
|       | Machine operators, assemblers,               |           |          |    |
|       | and inspectors (703-802).....                | 13821.... | 5728.... | 12 |
|       | Transportation and material                  |           |          |    |
|       | moving occupations (803-863)...              | 13830.... | 5737.... | 13 |
|       | Handlers, equipment cleaners,                |           |          |    |
|       | helpers, and laborers (864-902)              | 13839.... | 5746.... | 14 |
| PA68. | IMPUTATION OF CLASS OF WORKER(8) (8)         |           |          |    |

|       |  |           |          |   |
|-------|--|-----------|----------|---|
|       | Universe: Employed persons 16 years and over             |           |          |   |
|       | Allocated.....   | 13848.... | 5755.... | 1 |
|       | Not allocated:   |           |          |   |
|       | Private for profit wage and salary workers.....          | 13857.... | 5764.... | 2 |
|       | Private not-for-profit wage and salary workers.....      | 13866.... | 5773.... | 3 |
|       | Local government workers.....                            | 13875.... | 5782.... | 4 |
|       | State government workers.....                            | 13884.... | 5791.... | 5 |
|       | Federal government workers.....                          | 13893.... | 5800.... | 6 |
|       | Self-employed workers.....                               | 13902.... | 5809.... | 7 |
|       | Unpaid family workers.....                               | 13911.... | 5818.... | 8 |
| PA69. | IMPUTATION OF WORK STATUS IN 1989(3) (3)                 |           |          |   |
|       | Universe: Persons 16 years and over                      |           |          |   |
|       | Allocated.....   | 13920.... | 5827.... | 1 |
|       | Not allocated:   |           |          |   |
|       | Worked in 1989.....                                      | 13929.... | 5836.... | 2 |
|       | Did not work in 1989.....                                | 13938.... | 5845.... | 3 |
| PA70. | IMPUTATION OF WEEKS WORKED IN 1989(8) (8)                |           |          |   |
|       | Universe: Persons 16 years and over                      |           |          |   |
|       | Worked in 1989:  |           |          |   |
|       | Allocated.....   | 13947.... | 5854.... | 1 |
|       | Not allocated:   |           |          |   |
|       | 50 to 52 weeks.....                                      | 13956.... | 5863.... | 2 |
|       | 48 to 49 weeks.....                                      | 13965.... | 5872.... | 3 |
|       | 40 to 47 weeks.....                                      | 13974.... | 5881.... | 4 |
|       | 27 to 39 weeks.....                                      | 13983.... | 5890.... | 5 |
|       | 14 to 26 weeks.....                                      | 13992.... | 5899.... | 6 |
|       | 1 to 13 weeks.....                                       | 14001.... | 5908.... | 7 |
|       | Did not work in 1989.....                                | 14010.... | 5917.... | 8 |
| PA71. | IMPUTATION OF USUAL HOURS WORKED PER WEEK IN 1989(5) (5) |           |          |   |
|       | Universe: Persons 16 years and over                      |           |          |   |
|       | Worked in 1989:  |           |          |   |
|       | Allocated.....   | 14019.... | 5926.... | 1 |
|       | Not allocated:   |           |          |   |
|       | Usually worked 35 or more hours per week.....            | 14028.... | 5935.... | 2 |
|       | Usually worked 15 to 34 hours per week.....              | 14037.... | 5944.... | 3 |
|       | Usually worked 1 to 14 hours per week.....               | 14046.... | 5953.... | 4 |
|       | Did not work in 1989.....                                | 14055.... | 5962.... | 5 |
| PA72. | PERCENT OF INCOME IN 1989 IMPUTED(7) (7)                 |           |          |   |
|       | Universe: Persons 15 years and over                      |           |          |   |
|       | Allocated:   |           |          |   |

|   |           |          |    |
|---|-----------|----------|----|
| 0.0 percent.....                          | 14064.... | 5971.... | 1  |
| 0.1 to 9.9 percent.....                   | 14073.... | 5980.... | 2  |
| 10.0 to 24.9 percent.....                 | 14082.... | 5989.... | 3  |
| 25.0 to 49.9 percent.....                 | 14091.... | 5998.... | 4  |
| 50.0 to 99.9 percent.....                 | 14100.... | 6007.... | 5  |
| 100.0 percent.....                        | 14109.... | 6016.... | 6  |
| Not allocated.....                        | 14118.... | 6025.... | 7  |
| PA73. PERCENT OF HOUSEHOLD INCOME IN 1989 |           |          |    |
| IMPUTED(7) (7)                            |           |          |    |
| Universe: Households                      |           |          |    |
| Allocated:                                |           |          |    |
| 0.0 percent.....                          | 14127.... | 6034.... | 1  |
| 0.1 to 9.9 percent.....                   | 14136.... | 6043.... | 2  |
| 10.0 to 24.9 percent.....                 | 14145.... | 6052.... | 3  |
| 25.0 to 49.9 percent.....                 | 14154.... | 6061.... | 4  |
| 50.0 to 99.9 percent.....                 | 14163.... | 6070.... | 5  |
| 100.0 percent.....                        | 14172.... | 6079.... | 6  |
| Not allocated.....                        | 14181.... | 6088.... | 7  |
| PA74. IMPUTATION OF HOUSEHOLD INCOME IN   |           |          |    |
| 1989(26) (26)                             |           |          |    |
| Universe: Households                      |           |          |    |
| Allocated.....                            | 14190.... | 6097.... | 1  |
| Not allocated:                            |           |          |    |
| Less than \$5,000.....                    | 14199.... | 6106.... | 2  |
| \$5,000 to \$9,999.....                   | 14208.... | 6115.... | 3  |
| \$10,000 to \$12,499.....                 | 14217.... | 6124.... | 4  |
| \$12,500 to \$14,999.....                 | 14226.... | 6133.... | 5  |
| \$15,000 to \$17,499.....                 | 14235.... | 6142.... | 6  |
| \$17,500 to \$19,999.....                 | 14244.... | 6151.... | 7  |
| \$20,000 to \$22,499.....                 | 14253.... | 6160.... | 8  |
| \$22,500 to \$24,999.....                 | 14262.... | 6169.... | 9  |
| \$25,000 to \$27,499.....                 | 14271.... | 6178.... | 10 |
| \$27,500 to \$29,999.....                 | 14280.... | 6187.... | 11 |
| \$30,000 to \$32,499.....                 | 14289.... | 6196.... | 12 |
| \$32,500 to \$34,999.....                 | 14298.... | 6205.... | 13 |
| \$35,000 to \$37,499.....                 | 14307.... | 6214.... | 14 |
| \$37,500 to \$39,999.....                 | 14316.... | 6223.... | 15 |
| \$40,000 to \$42,499.....                 | 14325.... | 6232.... | 16 |
| \$42,500 to \$44,999.....                 | 14334.... | 6241.... | 17 |
| \$45,000 to \$47,499.....                 | 14343.... | 6250.... | 18 |
| \$47,500 to \$49,999.....                 | 14352.... | 6259.... | 19 |
| \$50,000 to \$54,999.....                 | 14361.... | 6268.... | 20 |
| \$55,000 to \$59,999.....                 | 14370.... | 6277.... | 21 |
| \$60,000 to \$74,999.....                 | 14379.... | 6286.... | 22 |
| \$75,000 to \$99,999.....                 | 14388.... | 6295.... | 23 |
| \$100,000 to \$124,999.....               | 14397.... | 6304.... | 24 |
| \$125,000 to \$149,999.....               | 14406.... | 6313.... | 25 |
| \$150,000 or more.....                    | 14415.... | 6322.... | 26 |

|       |  |            |           |    |
|-------|--|------------|-----------|----|
| PA75. | IMPUTATION OF FAMILY INCOME IN 1989(26) (26)                 |            |           |    |
|       | Universe: Families   |            |           |    |
|       | Allocated.....   | 14424..... | 6331..... | 1  |
|       | Not allocated:   |            |           |    |
|       | Less than \$5,000.....                                       | 14433..... | 6340..... | 2  |
|       | \$5,000 to \$9,999.....                                      | 14442..... | 6349..... | 3  |
|       | \$10,000 to \$12,499.....                                    | 14451..... | 6358..... | 4  |
|       | \$12,500 to \$14,999.....                                    | 14460..... | 6367..... | 5  |
|       | \$15,000 to \$17,499.....                                    | 14469..... | 6376..... | 6  |
|       | \$17,500 to \$19,999.....                                    | 14478..... | 6385..... | 7  |
|       | \$20,000 to \$22,499.....                                    | 14487..... | 6394..... | 8  |
|       | \$22,500 to \$24,999.....                                    | 14496..... | 6403..... | 9  |
|       | \$25,000 to \$27,499.....                                    | 14505..... | 6412..... | 10 |
|       | \$27,500 to \$29,999.....                                    | 14514..... | 6421..... | 11 |
|       | \$30,000 to \$32,499.....                                    | 14523..... | 6430..... | 12 |
|       | \$32,500 to \$34,999.....                                    | 14532..... | 6439..... | 13 |
|       | \$35,000 to \$37,499.....                                    | 14541..... | 6448..... | 14 |
|       | \$37,500 to \$39,999.....                                    | 14550..... | 6457..... | 15 |
|       | \$40,000 to \$42,499.....                                    | 14559..... | 6466..... | 16 |
|       | \$42,500 to \$44,999.....                                    | 14568..... | 6475..... | 17 |
|       | \$45,000 to \$47,499.....                                    | 14577..... | 6484..... | 18 |
|       | \$47,500 to \$49,999.....                                    | 14586..... | 6493..... | 19 |
|       | \$50,000 to \$54,999.....                                    | 14595..... | 6502..... | 20 |
|       | \$55,000 to \$59,999.....                                    | 14604..... | 6511..... | 21 |
|       | \$60,000 to \$74,999.....                                    | 14613..... | 6520..... | 22 |
|       | \$75,000 to \$99,999.....                                    | 14622..... | 6529..... | 23 |
|       | \$100,000 to \$124,999.....                                  | 14631..... | 6538..... | 24 |
|       | \$125,000 to \$149,999.....                                  | 14640..... | 6547..... | 25 |
|       | \$150,000 or more.....                                       | 14649..... | 6556..... | 26 |
| PA76. | IMPUTATION OF NONFAMILY HOUSEHOLD INCOME<br>IN 1989(26) (26) |            |           |    |
|       | Universe: Nonfamily households                               |            |           |    |
|       | Allocated.....   | 14658..... | 6565..... | 1  |
|       | Not allocated:   |            |           |    |
|       | Less than \$5,000.....                                       | 14667..... | 6574..... | 2  |
|       | \$5,000 to \$9,999.....                                      | 14676..... | 6583..... | 3  |
|       | \$10,000 to \$12,499.....                                    | 14685..... | 6592..... | 4  |
|       | \$12,500 to \$14,999.....                                    | 14694..... | 6601..... | 5  |
|       | \$15,000 to \$17,499.....                                    | 14703..... | 6610..... | 6  |
|       | \$17,500 to \$19,999.....                                    | 14712..... | 6619..... | 7  |
|       | \$20,000 to \$22,499.....                                    | 14721..... | 6628..... | 8  |
|       | \$22,500 to \$24,999.....                                    | 14730..... | 6637..... | 9  |
|       | \$25,000 to \$27,499.....                                    | 14739..... | 6646..... | 10 |
|       | \$27,500 to \$29,999.....                                    | 14748..... | 6655..... | 11 |
|       | \$30,000 to \$32,499.....                                    | 14757..... | 6664..... | 12 |
|       | \$32,500 to \$34,999.....                                    | 14766..... | 6673..... | 13 |
|       | \$35,000 to \$37,499.....                                    | 14775..... | 6682..... | 14 |
|       | \$37,500 to \$39,999.....                                    | 14784..... | 6691..... | 15 |
|       | \$40,000 to \$42,499.....                                    | 14793..... | 6700..... | 16 |
|       | \$42,500 to \$44,999.....                                    | 14802..... | 6709..... | 17 |

|                             |           |          |    |
|-----------------------------|-----------|----------|----|
| \$45,000 to \$47,499.....   | 14811.... | 6718.... | 18 |
| \$47,500 to \$49,999.....   | 14820.... | 6727.... | 19 |
| \$50,000 to \$54,999.....   | 14829.... | 6736.... | 20 |
| \$55,000 to \$59,999.....   | 14838.... | 6745.... | 21 |
| \$60,000 to \$74,999.....   | 14847.... | 6754.... | 22 |
| \$75,000 to \$99,999.....   | 14856.... | 6763.... | 23 |
| \$100,000 to \$124,999..... | 14865.... | 6772.... | 24 |
| \$125,000 to \$149,999..... | 14874.... | 6781.... | 25 |
| \$150,000 or more.....      | 14883.... | 6790.... | 26 |

PA77. SEX(2) BY IMPUTATION OF INCOME IN  
1989(24) (48)

Universe: Persons 15 years and over

Male:

|                             |           |          |      |
|-----------------------------|-----------|----------|------|
| Allocated.....              | 14892.... | 6799.... | 1,1  |
| Not allocated:              |           |          |      |
| No income.....              | 14901.... | 6808.... | 1,2  |
| With income:                |           |          |      |
| \$1 to \$2,499 or less..... | 14910.... | 6817.... | 1,3  |
| \$2,500 to \$4,999.....     | 14919.... | 6826.... | 1,4  |
| \$5,000 to \$7,499.....     | 14928.... | 6835.... | 1,5  |
| \$7,500 to \$9,999.....     | 14937.... | 6844.... | 1,6  |
| \$10,000 to \$12,499.....   | 14946.... | 6853.... | 1,7  |
| \$12,500 to \$14,999.....   | 14955.... | 6862.... | 1,8  |
| \$15,000 to \$17,499.....   | 14964.... | 6871.... | 1,9  |
| \$17,500 to \$19,999.....   | 14973.... | 6880.... | 1,10 |
| \$20,000 to \$22,499.....   | 14982.... | 6889.... | 1,11 |
| \$22,500 to \$24,999.....   | 14991.... | 6898.... | 1,12 |
| \$25,000 to \$27,499.....   | 15000.... | 6907.... | 1,13 |
| \$27,500 to \$29,999.....   | 15009.... | 6916.... | 1,14 |
| \$30,000 to \$32,499.....   | 15018.... | 6925.... | 1,15 |
| \$32,500 to \$34,999.....   | 15027.... | 6934.... | 1,16 |
| \$35,000 to \$37,499.....   | 15036.... | 6943.... | 1,17 |
| \$37,500 to \$39,999.....   | 15045.... | 6952.... | 1,18 |
| \$40,000 to \$44,999.....   | 15054.... | 6961.... | 1,19 |
| \$45,000 to \$49,999.....   | 15063.... | 6970.... | 1,20 |
| \$50,000 to \$59,999.....   | 15072.... | 6979.... | 1,21 |
| \$60,000 to \$74,999.....   | 15081.... | 6988.... | 1,22 |
| \$75,000 to \$99,999.....   | 15090.... | 6997.... | 1,23 |
| \$100,000 or more.....      | 15099.... | 7006.... | 1,24 |

Female:

|   |           |          |     |
|---|-----------|----------|-----|
| (Repeat IMPUTATION OF INCOME IN<br>1989)..... | 15108.... | 7015.... | 2,1 |
|---|-----------|----------|-----|

PA78. IMPUTATION STATUS(2) BY EARNINGS IN  
1989(2) (4)

Universe: Households

Allocated:

|                    |           |          |     |
|--------------------|-----------|----------|-----|
| With earnings..... | 15324.... | 7231.... | 1,1 |
| No earnings.....   | 15333.... | 7240.... | 1,2 |

Not allocated:

|       |   |           |          |     |
|-------|---|-----------|----------|-----|
|       | (Repeat EARNINGS IN 1989).....  | 15342.... | 7249.... | 2,1 |
| PA79. | IMPUTATION STATUS(2) BY WAGE OR<br>SALARY INCOME IN 1989(2) (4)<br>Universe: Households<br>Allocated:                       |           |          |     |
|       | With wage or salary income.....   | 15360.... | 7267.... | 1,1 |
|       | No wage or salary income.....   | 15369.... | 7276.... | 1,2 |
|       | Not allocated:<br>(Repeat WAGE OR SALARY INCOME IN<br>1989).....  | 15378.... | 7285.... | 2,1 |
| PA80. | IMPUTATION STATUS(2) BY NONFARM<br>SELF-EMPLOYMENT INCOME IN 1989(2) (4)<br>Universe: Households<br>Allocated:              |           |          |     |
|       | With nonfarm self-employment<br>income.....   | 15396.... | 7303.... | 1,1 |
|       | No nonfarm self-employment income.  | 15405.... | 7312.... | 1,2 |
|       | Not allocated:<br>(Repeat NONFARM SELF-EMPLOYMENT<br>INCOME IN 1989).....   | 15414.... | 7321.... | 2,1 |
| PA81. | IMPUTATION STATUS(2) BY FARM SELF-<br>EMPLOYMENT INCOME IN 1989(2) (4)<br>Universe: Households<br>Allocated:                |           |          |     |
|       | With farm self-employment<br>income.....  | 15432.... | 7339.... | 1,1 |
|       | No farm self-employment income....  | 15441.... | 7348.... | 1,2 |
|       | Not allocated:<br>(Repeat FARM SELF-EMPLOYMENT<br>INCOME IN 1989).....  | 15450.... | 7357.... | 2,1 |
| PA82. | IMPUTATION STATUS(2) BY INTEREST,<br>DIVIDEND, OR NET RENTAL INCOME IN<br>1989(2) (4)<br>Universe: Households<br>Allocated: |           |          |     |
|       | With interest, dividend, or net<br>rental income.....   | 15468.... | 7375.... | 1,1 |
|       | No interest, dividend, or net<br>rental income.....   | 15477.... | 7384.... | 1,2 |
|       | Not allocated:<br>(Repeat INTEREST, DIVIDEND, OR NET<br>RENTAL INCOME IN 1989).....   | 15486.... | 7393.... | 2,1 |
| PA83. | IMPUTATION STATUS(2) BY SOCIAL<br>SECURITY INCOME IN 1989(2) (4)<br>Universe: Households<br>Allocated:                      |           |          |     |



|       |   |           |          |     |
|-------|---|-----------|----------|-----|
|       | With Social Security income.....  | 15504.... | 7411.... | 1,1 |
|       | No Social Security income.....  | 15513.... | 7420.... | 1,2 |
|       | Not allocated:  |           |          |     |
|       | (Repeat SOCIAL SECURITY INCOME IN<br>1989).....   | 15522.... | 7429.... | 2,1 |
| PA84. | IMPUTATION STATUS(2) BY PUBLIC<br>ASSISTANCE INCOME IN 1989(2) (4)<br>Universe: Households<br>Allocated:            |           |          |     |
|       | With public assistance income.....  | 15540.... | 7447.... | 1,1 |
|       | No public assistance income.....  | 15549.... | 7456.... | 1,2 |
|       | Not allocated:  |           |          |     |
|       | (Repeat PUBLIC ASSISTANCE INCOME<br>IN 1989).....   | 15558.... | 7465.... | 2,1 |
| PA85. | IMPUTATION STATUS(2) BY RETIREMENT<br>INCOME IN 1989(2) (4)<br>Universe: Households<br>Allocated:                   |           |          |     |
|       | With retirement income.....   | 15576.... | 7483.... | 1,1 |
|       | No retirement income.....   | 15585.... | 7492.... | 1,2 |
|       | Not allocated:  |           |          |     |
|       | (Repeat RETIREMENT INCOME IN<br>1989).....  | 15594.... | 7501.... | 2,1 |
| PA86. | IMPUTATION STATUS(2) BY OTHER TYPE<br>OF INCOME IN 1989(2) (4)<br>Universe: Households<br>Allocated:                |           |          |     |
|       | With other income.....  | 15612.... | 7519.... | 1,1 |
|       | No other income.....  | 15621.... | 7528.... | 1,2 |
|       | Not allocated:  |           |          |     |
|       | (Repeat OTHER TYPE OF INCOME IN<br>1989).....   | 15630.... | 7537.... | 2,1 |
| PA87. | AGGREGATE INCOME IN 1989(1) BY SEX<br>AND IMPUTATION STATUS(4) (4)<br>Universe: Persons 15 years and over<br>Total: |           |          |     |
|       | Male:   |           |          |     |
|       | Income in 1989 allocated.....   | 15648.... | 7555.... | 1,1 |
|       | Income in 1989 not allocated....  | 15663.... | 7570.... | 1,2 |
|       | Female:   |           |          |     |
|       | Income in 1989 allocated.....   | 15678.... | 7585.... | 1,3 |
|       | Income in 1989 not allocated....  | 15693.... | 7600.... | 1,4 |
| PA88. | AGGREGATE HOUSEHOLD INCOME IN 1989(1)<br>BY IMPUTATION STATUS(2) (2)<br>Universe: Households<br>Total:              |           |          |     |

|       |  |           |          |     |
|-------|--|-----------|----------|-----|
|       | Allocated.....   | 15708.... | 7615.... | 1,1 |
|       | Not allocated.....   | 15723.... | 7630.... | 1,2 |
| PA89. | AGGREGATE FAMILY INCOME IN 1989(1)<br>BY IMPUTATION STATUS(2) (2)<br>Universe: Families<br>Total:                          |           |          |     |
|       | Allocated.....   | 15738.... | 7645.... | 1,1 |
|       | Not allocated.....   | 15753.... | 7660.... | 1,2 |
| PA90. | AGGREGATE NONFAMILY HOUSEHOLD INCOME<br>IN 1989(1) BY IMPUTATION STATUS(2) (2)<br>Universe: Nonfamily households<br>Total: |           |          |     |
|       | Allocated.....   | 15768.... | 7675.... | 1,1 |
|       | Not allocated.....   | 15783.... | 7690.... | 1,2 |
| PA91. | AGGREGATE EARNINGS IN 1989 AND<br>IMPUTATION STATUS(1) (1)<br>Universe: Households<br>Total:                               |           |          |     |
|       | Not allocated.....   | 15798.... | 7705.... | 1   |
|       | Filler.....  | 15813.... | 7720     |     |
| PA92. | AGGREGATE WAGE OR SALARY INCOME IN<br>1989(1) BY IMPUTATION STATUS(2) (2)<br>Universe: Households<br>Total:                |           |          |     |
|       | Allocated.....   | 15816.... | 7723.... | 1,1 |
|       | Not allocated.....   | 15831.... | 7738.... | 1,2 |
| PA93. | AGGREGATE NONFARM SELF-EMPLOYMENT<br>INCOME IN 1989(1) BY IMPUTATION<br>STATUS(2) (2)<br>Universe: Households<br>Total:    |           |          |     |
|       | Allocated.....   | 15846.... | 7753.... | 1,1 |
|       | Not allocated.....   | 15861.... | 7768.... | 1,2 |
| PA94. | AGGREGATE FARM SELF-EMPLOYMENT<br>INCOME IN 1989(1) BY IMPUTATION<br>STATUS(2) (2)<br>Universe: Households<br>Total:       |           |          |     |
|       | Allocated.....   | 15876.... | 7783.... | 1,1 |
|       | Not allocated.....   | 15891.... | 7798.... | 1,2 |
| PA95. | AGGREGATE INTEREST, DIVIDEND, OR NET<br>RENTAL INCOME IN 1989(1) BY<br>IMPUTATION STATUS(2) (2)                            |           |          |     |

|        |   |           |          |     |
|--------|---|-----------|----------|-----|
|        | Universe: Households  |           |          |     |
|        | Total:  |           |          |     |
|        | Allocated.....  | 15906.... | 7813.... | 1,1 |
|        | Not allocated.....  | 15921.... | 7828.... | 1,2 |
| PA96.  | AGGREGATE SOCIAL SECURITY INCOME IN<br>1989(1) BY IMPUTATION STATUS(2) (2)                                |           |          |     |
|        | Universe: Households  |           |          |     |
|        | Total:  |           |          |     |
|        | Allocated.....  | 15936.... | 7843.... | 1,1 |
|        | Not allocated.....  | 15951.... | 7858.... | 1,2 |
| PA97.  | AGGREGATE PUBLIC ASSISTANCE INCOME<br>IN 1989(1) BY IMPUTATION STATUS(2) (2)                              |           |          |     |
|        | Universe: Households  |           |          |     |
|        | Total:  |           |          |     |
|        | Allocated.....  | 15966.... | 7873.... | 1,1 |
|        | Not allocated.....  | 15981.... | 7888.... | 1,2 |
| PA98.  | AGGREGATE RETIREMENT INCOME IN<br>1989(1) BY IMPUTATION STATUS(2) (2)                                     |           |          |     |
|        | Universe: Households  |           |          |     |
|        | Total:  |           |          |     |
|        | Allocated.....  | 15996.... | 7903.... | 1,1 |
|        | Not allocated.....  | 16011.... | 7918.... | 1,2 |
| PA99.  | AGGREGATE OTHER INCOME IN 1989(1)<br>BY IMPUTATION STATUS(2) (2)  |           |          |     |
|        | Universe: Households  |           |          |     |
|        | Total:  |           |          |     |
|        | Allocated.....  | 16026.... | 7933.... | 1,1 |
|        | Not allocated.....  | 16041.... | 7948.... | 1,2 |
| PA100. | IMPUTATION OF FAMILY OR UNRELATED<br>INDIVIDUAL INCOME IN 1989, POVERTY<br>STATUS IN 1989, AND SEX(8) (8) |           |          |     |
|        | Universe: Persons for whom poverty<br>status is determined  |           |          |     |
|        | In families:  |           |          |     |
|        | Family income in 1989 allocated...  | 16056.... | 7963.... | 1   |
|        | Family income in 1989 not allocated:  |           |          |     |
|        | Income in 1989 above poverty<br>level.....  | 16065.... | 7972.... | 2   |
|        | Income in 1989 below poverty level:   |           |          |     |
|        | Male.....   | 16074.... | 7981.... | 3   |
|        | Female.....   | 16083.... | 7990.... | 4   |
|        | Unrelated individuals:  |           |          |     |
|        | Income in 1989 allocated.....   | 16092.... | 7999.... | 5   |
|        | Income in 1989 not allocated:   |           |          |     |
|        | Income in 1989 above poverty<br>level.....  | 16101.... | 8008.... | 6   |

|        |   |           |          |    |
|--------|---|-----------|----------|----|
|        | Income in 1989 below poverty level:   |           |          |    |
|        | Male.....   | 16110.... | 8017.... | 7  |
|        | Female.....   | 16119.... | 8026.... | 8  |
| PA101. | IMPUTATION OF FAMILY OR UNRELATED<br>INDIVIDUAL INCOME IN 1989, POVERTY<br>STATUS IN 1989, AND AGE(20) (20) |           |          |    |
|        | Universe: Persons for whom poverty<br>status is determined  |           |          |    |
|        | In families:  |           |          |    |
|        | Family income in 1989 allocated...  | 16128.... | 8035.... | 1  |
|        | Family income in 1989 not allocated:  |           |          |    |
|        | Income in 1989 above poverty<br>level.....  | 16137.... | 8044.... | 2  |
|        | Income in 1989 below poverty level:   |           |          |    |
|        | Under 5 years.....  | 16146.... | 8053.... | 3  |
|        | 5 to 11 years.....  | 16155.... | 8062.... | 4  |
|        | 12 to 17 years.....   | 16164.... | 8071.... | 5  |
|        | 18 to 24 years.....   | 16173.... | 8080.... | 6  |
|        | Filler.....   | 16182.... | 8089     |    |
|        | End of Segment  |           |          |    |
|        | 25 to 44 years.....   | 16487.... | 301....  | 7  |
|        | 45 to 64 years.....   | 16496.... | 310....  | 8  |
|        | 65 to 74 years.....   | 16505.... | 319....  | 9  |
|        | 75 years and over.....  | 16514.... | 328....  | 10 |
|        | Unrelated individuals:  |           |          |    |
|        | Income in 1989 allocated.....   | 16523.... | 337....  | 11 |
|        | Income in 1989 not allocated:   |           |          |    |
|        | Income in 1989 above poverty<br>level.....  | 16532.... | 346....  | 12 |
|        | Income in 1989 below poverty level:   |           |          |    |
|        | Under 5 years.....  | 16541.... | 355....  | 13 |
|        | 5 to 11 years.....  | 16550.... | 364....  | 14 |
|        | 12 to 17 years.....   | 16559.... | 373....  | 15 |
|        | 18 to 24 years.....   | 16568.... | 382....  | 16 |
|        | 25 to 44 years.....   | 16577.... | 391....  | 17 |
|        | 45 to 64 years.....   | 16586.... | 400....  | 18 |
|        | 65 to 74 years.....   | 16595.... | 409....  | 19 |
|        | 75 years and over.....  | 16604.... | 418....  | 20 |
| PA102. | IMPUTATION OF FAMILY INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND FAMILY<br>TYPE(5) (5)                   |           |          |    |
|        | Universe: Families  |           |          |    |
|        | Family income in 1989 allocated.....  | 16613.... | 427....  | 1  |
|        | Family income in 1989 not allocated:  |           |          |    |
|        | Income in 1989 above poverty<br>level.....  | 16622.... | 436....  | 2  |
|        | Income in 1989 below poverty level:   |           |          |    |

|        |  |           |         |   |
|--------|--|-----------|---------|---|
|        | Married-couple family.....   | 16631.... | 445.... | 3 |
|        | Other family:  |           |         |   |
|        | Male householder, no wife<br>present.....  | 16640.... | 454.... | 4 |
|        | Female householder, no husband<br>present.....   | 16649.... | 463.... | 5 |
| PA103. | IMPUTATION OF FAMILY INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND PRESENCE<br>AND AGE OF CHILDREN(6) (6) |           |         |   |
|        | Universe: Families   |           |         |   |
|        | Family income in 1989 allocated....  | 16658.... | 472.... | 1 |
|        | Family income in 1989 not allocated:   |           |         |   |
|        | Income in 1989 above poverty level   | 16667.... | 481.... | 2 |
|        | Income in 1989 below poverty level:  |           |         |   |
|        | With related children under 18<br>years:   |           |         |   |
|        | Under 5 years only.....  | 16676.... | 490.... | 3 |
|        | 5 to 17 years only.....  | 16685.... | 499.... | 4 |
|        | Under 5 years and 5 to 17<br>years.....  | 16694.... | 508.... | 5 |
|        | With no related children under<br>18 years.....  | 16703.... | 517.... | 6 |
| PA104. | IMPUTATION OF FAMILY INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND AGE(7) (7)                             |           |         |   |
|        | Universe: Related children under 18<br>years   |           |         |   |
|        | Family income in 1989 allocated....  | 16712.... | 526.... | 1 |
|        | Family income in 1989 not allocated:   |           |         |   |
|        | Income in 1989 above poverty level   | 16721.... | 535.... | 2 |
|        | Income in 1989 below poverty level:  |           |         |   |
|        | Under 3 years.....   | 16730.... | 544.... | 3 |
|        | 3 and 4 years.....   | 16739.... | 553.... | 4 |
|        | 5 years.....   | 16748.... | 562.... | 5 |
|        | 6 to 11 years.....   | 16757.... | 571.... | 6 |
|        | 12 to 17 years.....  | 16766.... | 580.... | 7 |
| PA105. | IMPUTATION OF FAMILY INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND<br>TENURE(4) (4)                       |           |         |   |
|        | Universe: Families   |           |         |   |
|        | Family income in 1989 allocated...   | 16775.... | 589.... | 1 |
|        | Family income in 1989 not allocated:   |           |         |   |
|        | Income in 1989 above poverty<br>level.....   | 16784.... | 598.... | 2 |
|        | Income in 1989 below poverty<br>level:   |           |         |   |
|        | In owner-occupied housing<br>units.....  | 16793.... | 607.... | 3 |
|        | In renter-occupied housing   |           |         |   |

|        |   |           |         |   |
|--------|---|-----------|---------|---|
|        | units.....  | 16802.... | 616.... | 4 |
| PA106. | IMPUTATION OF FAMILY INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND WORK<br>EXPERIENCE OF HOUSEHOLDER IN 1989(5) (5)    |           |         |   |
|        | Universe: Families  |           |         |   |
|        | Family income in 1989 allocated...  | 16811.... | 625.... | 1 |
|        | Family income in 1989 not allocated:  |           |         |   |
|        | Income in 1989 above poverty<br>level.....  | 16820.... | 634.... | 2 |
|        | Income in 1989 below poverty level:   |           |         |   |
|        | Householder worked year round<br>full time in 1989.....   | 16829.... | 643.... | 3 |
|        | Householder worked less than<br>year round full time in 1989.   | 16838.... | 652.... | 4 |
|        | Householder did not work in<br>1989.....  | 16847.... | 661.... | 5 |
| PA107. | IMPUTATION OF FAMILY INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND<br>EDUCATIONAL ATTAINMENT OF<br>HOUSEHOLDER(4) (4)  |           |         |   |
|        | Universe: Families  |           |         |   |
|        | Family income in 1989 allocated.....  | 16856.... | 670.... | 1 |
|        | Family income in 1989 not allocated:  |           |         |   |
|        | Income in 1989 above poverty level  | 16865.... | 679.... | 2 |
|        | Income in 1989 below poverty level:   |           |         |   |
|        | Householder a high school<br>graduate.....  | 16874.... | 688.... | 3 |
|        | Householder not a high school<br>graduate.....  | 16883.... | 697.... | 4 |
| PA108. | IMPUTATION OF FAMILY INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND WORK<br>DISABILITY STATUS OF HOUSEHOLDER(4) (4)     |           |         |   |
|        | Universe: Families  |           |         |   |
|        | Family income in 1989 allocated.....  | 16892.... | 706.... | 1 |
|        | Family income in 1989 not allocated:  |           |         |   |
|        | Income in 1989 above poverty level  | 16901.... | 715.... | 2 |
|        | Income in 1989 below poverty level:   |           |         |   |
|        | Householder with a work<br>disability.....  | 16910.... | 724.... | 3 |
|        | Householder with no work<br>disability.....   | 16919.... | 733.... | 4 |
| PA109. | IMPUTATION OF FAMILY INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND NATIVITY<br>AND YEAR OF ENTRY OF HOUSEHOLDER(6) (6) |           |         |   |
|        | Universe: Families  |           |         |   |
|        | Family income in 1989 allocated..   | 16928.... | 742.... | 1 |
|        | Family income in 1989 not allocated:  |           |         |   |

|        |  |           |         |   |
|--------|--|-----------|---------|---|
|        | Income in 1989 above poverty level.....  | 16937.... | 751.... | 2 |
|        | Income in 1989 below poverty level:  |           |         |   |
|        | Householder native.....  | 16946.... | 760.... | 3 |
|        | Householder foreign born:  |           |         |   |
|        | Immigrated 1985 to 1990....  | 16955.... | 769.... | 4 |
|        | Immigrated 1980 to 1984....  | 16964.... | 778.... | 5 |
|        | Immigrated before 1980....   | 16973.... | 787.... | 6 |
| PA110. | IMPUTATION OF FAMILY INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND AGE OF<br>HOUSEHOLDER(8) (8)               |           |         |   |
|        | Universe: Families   |           |         |   |
|        | Family income in 1989 allocated.....   | 16982.... | 796.... | 1 |
|        | Family income in 1989 not allocated:   |           |         |   |
|        | Income in 1989 above poverty level   | 16991.... | 805.... | 2 |
|        | Income in 1989 below poverty level:  |           |         |   |
|        | Householder 15 to 24 years.....  | 17000.... | 814.... | 3 |
|        | Householder 25 to 44 years.....  | 17009.... | 823.... | 4 |
|        | Householder 45 to 59 years.....  | 17018.... | 832.... | 5 |
|        | Householder 60 to 64 years.....  | 17027.... | 841.... | 6 |
|        | Householder 65 to 74 years.....  | 17036.... | 850.... | 7 |
|        | Householder 75 years and over...   | 17045.... | 859.... | 8 |
| PA111. | IMPUTATION OF FAMILY INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND PUBLIC<br>ASSISTANCE INCOME IN 1989(4) (4) |           |         |   |
|        | Universe: Families   |           |         |   |
|        | Family income in 1989 allocated.....   | 17054.... | 868.... | 1 |
|        | Family income in 1989 not allocated:   |           |         |   |
|        | Income in 1989 above poverty level   | 17063.... | 877.... | 2 |
|        | Income in 1989 below poverty level:  |           |         |   |
|        | With public assistance income...   | 17072.... | 886.... | 3 |
|        | No public assistance income.....   | 17081.... | 895.... | 4 |
| PA112. | IMPUTATION OF FAMILY INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND SOCIAL<br>SECURITY INCOME IN 1989(4) (4)   |           |         |   |
|        | Universe: Families   |           |         |   |
|        | Family income in 1989 allocated.....   | 17090.... | 904.... | 1 |
|        | Family income in 1989 not allocated:   |           |         |   |
|        | Income in 1989 above poverty level   | 17099.... | 913.... | 2 |
|        | Income in 1989 below poverty level:  |           |         |   |
|        | With Social Security income.....   | 17108.... | 922.... | 3 |
|        | No Social Security income.....   | 17117.... | 931.... | 4 |
| PA113. | IMPUTATION OF INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND<br>SEX(4) (4)                                     |           |         |   |
|        | Universe: Unrelated individuals for<br>whom poverty status is determined                                       |           |         |   |

|   |           |          |   |
|---|-----------|----------|---|
| Income in 1989 allocated.....   | 17126.... | 940....  | 1 |
| Income in 1989 not allocated:   |           |          |   |
| Income in 1989 above poverty level.....   | 17135.... | 949....  | 2 |
| Income in 1989 below poverty level:   |           |          |   |
| Male.....   | 17144.... | 958....  | 3 |
| Female.....   | 17153.... | 967....  | 4 |
| PA114. IMPUTATION OF INCOME IN 1989, POVERTY STATUS IN 1989, AND AGE(7) (7)                             |           |          |   |
| Universe: Unrelated individuals for whom poverty status is determined                                   |           |          |   |
| Income in 1989 allocated.....   | 17162.... | 976....  | 1 |
| Income in 1989 not allocated:   |           |          |   |
| Income in 1989 above poverty level  | 17171.... | 985....  | 2 |
| Income in 1989 below poverty level:   |           |          |   |
| Under 25 years.....   | 17180.... | 994....  | 3 |
| 25 to 59 years.....   | 17189.... | 1003.... | 4 |
| 60 to 64 years.....   | 17198.... | 1012.... | 5 |
| 65 to 74 years.....   | 17207.... | 1021.... | 6 |
| 75 years and over.....  | 17216.... | 1030.... | 7 |
| PA115. IMPUTATION OF INCOME IN 1989, POVERTY STATUS IN 1989, AND HOUSEHOLD TYPE AND RELATIONSHIP(7) (7) |           |          |   |
| Universe: Unrelated individuals for whom poverty status is determined                                   |           |          |   |
| Income in 1989 allocated.....   | 17225.... | 1039.... | 1 |
| Income in 1989 not allocated:   |           |          |   |
| Income in 1989 above poverty level  | 17234.... | 1048.... | 2 |
| Income in 1989 below poverty level:   |           |          |   |
| Nonfamily householder:  |           |          |   |
| Living alone.....   | 17243.... | 1057.... | 3 |
| Not living alone.....   | 17252.... | 1066.... | 4 |
| Other unrelated individuals:  |           |          |   |
| In family households.....   | 17261.... | 1075.... | 5 |
| In nonfamily households.....  | 17270.... | 1084.... | 6 |
| In group quarters.....  | 17279.... | 1093.... | 7 |
| PA116. IMPUTATION OF INCOME IN 1989, POVERTY STATUS IN 1989, AND TENURE(5) (5)                          |           |          |   |
| Universe: Unrelated individuals for whom poverty status is determined                                   |           |          |   |
| Income in 1989 allocated.....   | 17288.... | 1102.... | 1 |
| Income in 1989 not allocated:   |           |          |   |
| Income in 1989 above poverty level  | 17297.... | 1111.... | 2 |
| Income in 1989 below poverty level:   |           |          |   |
| In households:  |           |          |   |
| In owner-occupied housing units.....  | 17306.... | 1120.... | 3 |



|        |  |           |          |   |
|--------|--|-----------|----------|---|
|        | In renter-occupied housing   |           |          |   |
|        | units.....   | 17315.... | 1129.... | 4 |
|        | In group quarters.....   | 17324.... | 1138.... | 5 |
| PA117. | IMPUTATION OF INCOME IN 1989, POVERTY STATUS IN 1989, AND WORK EXPERIENCE IN 1989(5) (5) |           |          |   |
|        | Universe: Unrelated individuals for whom poverty status is determined                    |           |          |   |
|        | Income in 1989 allocated.....  | 17333.... | 1147.... | 1 |
|        | Income in 1989 not allocated:  |           |          |   |
|        | Income in 1989 above poverty level   | 17342.... | 1156.... | 2 |
|        | Income in 1989 below poverty level:  |           |          |   |
|        | Worked year round full time in 1989.....   | 17351.... | 1165.... | 3 |
|        | Worked less than year round full time in 1989.....                                       | 17360.... | 1174.... | 4 |
|        | Did not work in 1989.....  | 17369.... | 1183.... | 5 |
| PA118. | IMPUTATION OF INCOME IN 1989, POVERTY STATUS IN 1989, AND EDUCATIONAL ATTAINMENT(4) (4)  |           |          |   |
|        | Universe: Unrelated individuals for whom poverty status is determined                    |           |          |   |
|        | Income in 1989 allocated.....  | 17378.... | 1192.... | 1 |
|        | Income in 1989 not allocated:  |           |          |   |
|        | Income in 1989 above poverty level   | 17387.... | 1201.... | 2 |
|        | Income in 1989 below poverty level:  |           |          |   |
|        | High school graduate.....  | 17396.... | 1210.... | 3 |
|        | Not high school graduate.....  | 17405.... | 1219.... | 4 |
| PA119. | IMPUTATION OF INCOME IN 1989, POVERTY STATUS IN 1989, AND WORK DISABILITY STATUS(4) (4)  |           |          |   |
|        | Universe: Unrelated individuals for whom poverty status is determined                    |           |          |   |
|        | Income in 1989 allocated.....  | 17414.... | 1228.... | 1 |
|        | Income in 1989 not allocated:  |           |          |   |
|        | Income in 1989 above poverty level   | 17423.... | 1237.... | 2 |
|        | Income in 1989 below poverty level:  |           |          |   |
|        | With a work disability.....  | 17432.... | 1246.... | 3 |
|        | No work disability.....  | 17441.... | 1255.... | 4 |
| PA120. | IMPUTATION OF INCOME IN 1989, POVERTY STATUS IN 1989, NATIVITY, AND YEAR OF ENTRY(6) (6) |           |          |   |
|        | Universe: Unrelated individuals for whom poverty status is determined                    |           |          |   |
|        | Income in 1989 allocated.....  | 17450.... | 1264.... | 1 |
|        | Income in 1989 not allocated:  |           |          |   |
|        | Income in 1989 above poverty level   | 17459.... | 1273.... | 2 |

|        |   |           |          |   |
|--------|---|-----------|----------|---|
|        | Income in 1989 below poverty level:   |           |          |   |
|        | Native.....   | 17468.... | 1282.... | 3 |
|        | Foreign born:   |           |          |   |
|        | Immigrated 1985 to 1990.....  | 17477.... | 1291.... | 4 |
|        | Immigrated 1980 to 1984.....  | 17486.... | 1300.... | 5 |
|        | Immigrated before 1980.....   | 17495.... | 1309.... | 6 |
| PA121. | IMPUTATION OF INCOME IN 1989,<br>POVERTY STATUS IN 1989, AND PUBLIC<br>ASSISTANCE INCOME IN 1989(4) (4)<br>Universe: Unrelated individuals for<br>whom poverty status is determined |           |          |   |
|        | Income in 1989 allocated.....   | 17504.... | 1318.... | 1 |
|        | Income in 1989 not allocated:   |           |          |   |
|        | Income in 1989 above poverty level  | 17513.... | 1327.... | 2 |
|        | Income in 1989 below poverty level:   |           |          |   |
|        | With public assistance income...  | 17522.... | 1336.... | 3 |
|        | No public assistance income.....  | 17531.... | 1345.... | 4 |
| PA122. | IMPUTATION OF INCOME IN 1989, POVERTY<br>STATUS IN 1989, AND SOCIAL SECURITY<br>INCOME IN 1989(4) (4)<br>Universe: Unrelated individuals for<br>whom poverty status is determined   |           |          |   |
|        | Income in 1989 allocated.....   | 17540.... | 1354.... | 1 |
|        | Income in 1989 not allocated:   |           |          |   |
|        | Income in 1989 above poverty level  | 17549.... | 1363.... | 2 |
|        | Income in 1989 below poverty level:   |           |          |   |
|        | With Social Security income.....  | 17558.... | 1372.... | 3 |
|        | No Social Security income.....  | 17567.... | 1381.... | 4 |
| HA1.   | HOUSING UNITS(1) (1)<br>Universe: Housing units   |           |          |   |
|        | Total.....  | 17576.... | 1390.... | 1 |
| HA2.   | UNWEIGHTED SAMPLE COUNT OF HOUSING<br>UNITS(1) (1)<br>Universe: Housing units   |           |          |   |
|        | Total.....  | 17585.... | 1399.... | 1 |
| HA3.   | 100-PERCENT COUNT OF HOUSING<br>UNITS(1) (1)<br>Universe: Housing units   |           |          |   |
|        | Total.....  | 17594.... | 1408.... | 1 |
| HA3A.  | PERCENT OF HOUSING UNITS IN<br>SAMPLE(1) (1)<br>1 implied decimal(s)<br>Universe: Housing units   |           |          |   |
|        | Total.....  | 17603.... | 1417.... | 1 |

|      |   |           |          |    |
|------|---|-----------|----------|----|
| HA4. | FILLER(7) (7)   |           |          |    |
|      | Filler.....   | 17612.... | 1426.... | 1  |
|      | Filler.....   | 17621.... | 1435.... | 2  |
|      | Filler.....   | 17630.... | 1444.... | 3  |
|      | Filler.....   | 17639.... | 1453.... | 4  |
|      | Filler.....   | 17648.... | 1462.... | 5  |
|      | Filler.....   | 17657.... | 1471.... | 6  |
|      | Filler.....   | 17666.... | 1480.... | 7  |
| HA5. | RACE OF HOUSEHOLDER(37) (37)                                      |           |          |    |
|      | Universe: Occupied housing units                                  |           |          |    |
|      | White (800-869, 971).....   | 17675.... | 1489.... | 1  |
|      | Black (870-934, 972).....   | 17684.... | 1498.... | 2  |
|      | American Indian, Eskimo, or Aleut<br>(000-599, 935-970, 973-975): |           |          |    |
|      | American Indian (000-599, 973)....                                | 17693.... | 1507.... | 3  |
|      | Eskimo (935-940, 974).....  | 17702.... | 1516.... | 4  |
|      | Aleut (941-970, 975).....   | 17711.... | 1525.... | 5  |
|      | Asian or Pacific Islander (600-699,<br>976-985):                  |           |          |    |
|      | Asian (600-652, 976, 977, 979-982,<br>985):                       |           |          |    |
|      | Chinese (605-607, 976):   |           |          |    |
|      | Chinese, except Taiwanese<br>(605, 976).....                      | 17720.... | 1534.... | 6  |
|      | Taiwanese (606, 607).....   | 17729.... | 1543.... | 7  |
|      | Filipino (608, 977).....  | 17738.... | 1552.... | 8  |
|      | Japanese (611, 981).....  | 17747.... | 1561.... | 9  |
|      | Asian Indian (600, 982).....                                      | 17756.... | 1570.... | 10 |
|      | Korean (612,979).....   | 17765.... | 1579.... | 11 |
|      | Vietnamese (619, 980).....  | 17774.... | 1588.... | 12 |
|      | Cambodian (604).....  | 17783.... | 1597.... | 13 |
|      | Hmong (609).....  | 17792.... | 1606.... | 14 |
|      | Laotian (613).....  | 17801.... | 1615.... | 15 |
|      | Thai (618).....   | 17810.... | 1624.... | 16 |
|      | Other Asian (601-603, 610, 614-<br>617, 620-652, 985):            |           |          |    |
|      | Bangladeshi (601).....  | 17819.... | 1633.... | 17 |
|      | Burmese (603).....  | 17828.... | 1642.... | 18 |
|      | Indonesian (610).....   | 17837.... | 1651.... | 19 |
|      | Malayan (614).....  | 17846.... | 1660.... | 20 |
|      | Okinawan (615).....   | 17855.... | 1669.... | 21 |
|      | Pakistani (616).....  | 17864.... | 1678.... | 22 |
|      | Sri Lankan (617).....   | 17873.... | 1687.... | 23 |
|      | All other Asian (602, 620-652,<br>985).....                       | 17882.... | 1696.... | 24 |
|      | Pacific Islander (653-699, 978,<br>983, 984):                     |           |          |    |
|      | Polynesian (653-659, 978, 983):                                   |           |          |    |
|      | Hawaiian (653, 654, 978).....                                     | 17891.... | 1705.... | 25 |
|      | Samoan (655, 983).....  | 17900.... | 1714.... | 26 |

|      |   |           |          |    |
|------|---|-----------|----------|----|
|      | Tahitian (656).....                     | 17909.... | 1723.... | 27 |
|      | Tongan (657).....                       | 17918.... | 1732.... | 28 |
|      | Other Polynesian (658, 659)...          | 17927.... | 1741.... | 29 |
|      | Micronesian (660-675, 984):             |           |          |    |
|      | Guamanian (660, 984).....               | 17936.... | 1750.... | 30 |
|      | Northern Mariana Islander               |           |          |    |
|      | (661, 671, 673).....                    | 17945.... | 1759.... | 31 |
|      | Palauan (663).....                      | 17954.... | 1768.... | 32 |
|      | Other Micronesian (662, 664-            |           |          |    |
|      | 670, 672, 674, 675).....                | 17963.... | 1777.... | 33 |
|      | Melanesian (676-680):                   |           |          |    |
|      | Fijian (676).....                       | 17972.... | 1786.... | 34 |
|      | Other Melanesian (677-680)....          | 17981.... | 1795.... | 35 |
|      | Pacific Islander, not specified         |           |          |    |
|      | (681-699).....                          | 17990.... | 1804.... | 36 |
|      | Other race (700-799, 986-999).....      | 17999.... | 1813.... | 37 |
| HA6. | HISPANIC ORIGIN OF HOUSEHOLDER(26) (26) |           |          |    |
|      | Universe: Occupied housing units        |           |          |    |
|      | Not of Hispanic origin (000-001,        |           |          |    |
|      | 006-199).....                           | 18008.... | 1822.... | 1  |
|      | Hispanic origin (002-005, 200-999):     |           |          |    |
|      | Mexican (002, 210-220).....             | 18017.... | 1831.... | 2  |
|      | Puerto Rican (003, 261-270).....        | 18026.... | 1840.... | 3  |
|      | Cuban (004, 271-274).....               | 18035.... | 1849.... | 4  |
|      | Other Hispanic (005, 200-209, 221-      |           |          |    |
|      | 260, 275-999):                          |           |          |    |
|      | Dominican (Dominican Republic)          |           |          |    |
|      | (275-289).....                          | 18044.... | 1858.... | 5  |
|      | Central American (221-230):             |           |          |    |
|      | Costa Rican (221).....                  | 18053.... | 1867.... | 6  |
|      | Guatemalan (222).....                   | 18062.... | 1876.... | 7  |
|      | Honduran (223).....                     | 18071.... | 1885.... | 8  |
|      | Nicaraguan (224).....                   | 18080.... | 1894.... | 9  |
|      | Panamanian (225).....                   | 18089.... | 1903.... | 10 |
|      | Salvadoran (226).....                   | 18098.... | 1912.... | 11 |
|      | Other Central American (227-            |           |          |    |
|      | 230).....                               | 18107.... | 1921.... | 12 |
|      | South American (231-249):               |           |          |    |
|      | Argentinean (231).....                  | 18116.... | 1930.... | 13 |
|      | Bolivian (232).....                     | 18125.... | 1939.... | 14 |
|      | Chilean (233).....                      | 18134.... | 1948.... | 15 |
|      | Colombian (234).....                    | 18143.... | 1957.... | 16 |
|      | Ecuadorian (235).....                   | 18152.... | 1966.... | 17 |
|      | Paraguayan (236).....                   | 18161.... | 1975.... | 18 |
|      | Peruvian (237).....                     | 18170.... | 1984.... | 19 |
|      | Uruguayan (238).....                    | 18179.... | 1993.... | 20 |
|      | Venezuelan (239).....                   | 18188.... | 2002.... | 21 |
|      | Other South American (240-              |           |          |    |
|      | 249).....                               | 18197.... | 2011.... | 22 |
|      | Spaniard (200-209).....                 | 18206.... | 2020.... | 23 |

|       |  |           |          |     |
|-------|--|-----------|----------|-----|
|       | Spanish (291).....   | 18215.... | 2029.... | 24  |
|       | Spanish American (295).....  | 18224.... | 2038.... | 25  |
|       | All other Hispanic origin (005,<br>250-260, 290, 292-294, 296-999)   | 18233.... | 2047.... | 26  |
| HA7.  | HISPANIC ORIGIN OF HOUSEHOLDER(2)<br>BY RACE OF HOUSEHOLDER(5) (10)<br>Universe: Occupied housing units<br>Not of Hispanic origin: |           |          |     |
|       | White.....   | 18242.... | 2056.... | 1,1 |
|       | Black.....   | 18251.... | 2065.... | 1,2 |
|       | American Indian, Eskimo, or Aleut.   | 18260.... | 2074.... | 1,3 |
|       | Asian or Pacific Islander.....   | 18269.... | 2083.... | 1,4 |
|       | Other race.....  | 18278.... | 2092.... | 1,5 |
|       | Hispanic origin:<br>(Repeat RACE OF HOUSEHOLDER).....  | 18287.... | 2101.... | 2,1 |
| HA8.  | UNITS IN STRUCTURE(10) (10)<br>Universe: Housing units   |           |          |     |
|       | 1, detached.....   | 18332.... | 2146.... | 1   |
|       | 1, attached.....   | 18341.... | 2155.... | 2   |
|       | 2.....   | 18350.... | 2164.... | 3   |
|       | 3 or 4.....  | 18359.... | 2173.... | 4   |
|       | 5 to 9.....  | 18368.... | 2182.... | 5   |
|       | 10 to 19.....  | 18377.... | 2191.... | 6   |
|       | 20 to 49.....  | 18386.... | 2200.... | 7   |
|       | 50 or more.....  | 18395.... | 2209.... | 8   |
|       | Mobile home or trailer.....  | 18404.... | 2218.... | 9   |
|       | Other.....   | 18413.... | 2227.... | 10  |
| HA9.  | YEAR STRUCTURE BUILT(8) (8)<br>Universe: Housing units   |           |          |     |
|       | 1989 to March 1990.....  | 18422.... | 2236.... | 1   |
|       | 1985 to 1988.....  | 18431.... | 2245.... | 2   |
|       | 1980 to 1984.....  | 18440.... | 2254.... | 3   |
|       | 1970 to 1979.....  | 18449.... | 2263.... | 4   |
|       | 1960 to 1969.....  | 18458.... | 2272.... | 5   |
|       | 1950 to 1959.....  | 18467.... | 2281.... | 6   |
|       | 1940 to 1949.....  | 18476.... | 2290.... | 7   |
|       | 1939 or earlier.....   | 18485.... | 2299.... | 8   |
| HA10. | ROOMS(9) (9)<br>Universe: Housing units  |           |          |     |
|       | 1 room.....  | 18494.... | 2308.... | 1   |
|       | 2 rooms.....   | 18503.... | 2317.... | 2   |
|       | 3 rooms.....   | 18512.... | 2326.... | 3   |
|       | 4 rooms.....   | 18521.... | 2335.... | 4   |
|       | 5 rooms.....   | 18530.... | 2344.... | 5   |
|       | 6 rooms.....   | 18539.... | 2353.... | 6   |
|       | 7 rooms.....   | 18548.... | 2362.... | 7   |
|       | 8 rooms.....   | 18557.... | 2371.... | 8   |

|        |   |           |          |     |
|--------|---|-----------|----------|-----|
|        | 9 or more rooms.....  | 18566.... | 2380.... | 9   |
| HA11.  | TENURE(2)BY ROOMS(9)(18)<br>Universe: Occupied housing units<br>Owner occupied:   |           |          |     |
|        | 1 room.....   | 18575.... | 2389.... | 1,1 |
|        | 2 rooms.....  | 18584.... | 2398.... | 1,2 |
|        | 3 rooms.....  | 18593.... | 2407.... | 1,3 |
|        | 4 rooms.....  | 18602.... | 2416.... | 1,4 |
|        | 5 rooms.....  | 18611.... | 2425.... | 1,5 |
|        | 6 rooms.....  | 18620.... | 2434.... | 1,6 |
|        | 7 rooms.....  | 18629.... | 2443.... | 1,7 |
|        | 8 rooms.....  | 18638.... | 2452.... | 1,8 |
|        | 9 or more rooms.....  | 18647.... | 2461.... | 1,9 |
|        | Renter occupied:<br>(Repeat ROOMS).....   | 18656.... | 2470.... | 2,1 |
| HA12.  | AGGREGATE ROOMS(1) BY OCCUPANCY<br>STATUS AND TENURE(3) (3)<br>Universe: Housing units<br>Total:                                  |           |          |     |
|        | Owner occupied.....   | 18737.... | 2551.... | 1,1 |
|        | Renter occupied.....  | 18746.... | 2560.... | 1,2 |
|        | Vacant.....   | 18755.... | 2569.... | 1,3 |
| HA13.  | TENURE(2) BY PERSONS IN UNIT(7) (14)<br>Universe: Occupied housing units<br>Owner occupied:                                       |           |          |     |
|        | 1 person.....   | 18764.... | 2578.... | 1,1 |
|        | 2 persons.....  | 18773.... | 2587.... | 1,2 |
|        | 3 persons.....  | 18782.... | 2596.... | 1,3 |
|        | 4 persons.....  | 18791.... | 2605.... | 1,4 |
|        | 5 persons.....  | 18800.... | 2614.... | 1,5 |
|        | 6 persons.....  | 18809.... | 2623.... | 1,6 |
|        | 7 or more persons.....  | 18818.... | 2632.... | 1,7 |
|        | Renter occupied:<br>(Repeat PERSONS IN UNIT).....   | 18827.... | 2641.... | 2,1 |
| HA13A. | MEDIAN PERSONS IN UNIT(1) BY TENURE(2) (2)<br>2 implied decimal(s)<br>Universe: Occupied housing units<br>Median persons in unit: |           |          |     |
|        | Owner occupied.....   | 18890.... | 2704.... | 1,1 |
|        | Renter occupied.....  | 18899.... | 2713.... | 1,2 |
| HA14.  | KITCHEN FACILITIES(2) (2)<br>Universe: Housing units  |           |          |     |
|        | Complete kitchen facilities.....  | 18908.... | 2722.... | 1   |
|        | Lacking complete kitchen facilities.  | 18917.... | 2731.... | 2   |
| HA15.  | PLUMBING FACILITIES(2) (2)  |           |          |     |

|       |  |           |          |     |
|-------|--|-----------|----------|-----|
|       | Universe: Housing units                            |           |          |     |
|       | Complete plumbing facilities.....                  | 18926.... | 2740.... | 1   |
|       | Lacking complete plumbing facilities               | 18935.... | 2749.... | 2   |
| HA16. | SOURCE OF WATER(4) (4)                             |           |          |     |
|       | Universe: Housing units                            |           |          |     |
|       | Public system or private company....               | 18944.... | 2758.... | 1   |
|       | Individual well:                                   |           |          |     |
|       | Drilled.....                                       | 18953.... | 2767.... | 2   |
|       | Dug.....   | 18962.... | 2776.... | 3   |
|       | Some other source.....                             | 18971.... | 2785.... | 4   |
| HA17. | SEWAGE DISPOSAL(3) (3)                             |           |          |     |
|       | Universe: Housing units                            |           |          |     |
|       | Public sewer.....                                  | 18980.... | 2794.... | 1   |
|       | Septic tank or cesspool.....                       | 18989.... | 2803.... | 2   |
|       | Other means.....                                   | 18998.... | 2812.... | 3   |
| HA18. | BEDROOMS(6) (6)                                    |           |          |     |
|       | Universe: Housing                                  |           |          |     |
|       | No bedroom.....                                    | 19007.... | 2821.... | 1   |
|       | 1 bedroom.....                                     | 19016.... | 2830.... | 2   |
|       | 2 bedrooms.....                                    | 19025.... | 2839.... | 3   |
|       | 3 bedrooms.....                                    | 19034.... | 2848.... | 4   |
|       | 4 bedrooms.....                                    | 19043.... | 2857.... | 5   |
|       | 5 or more bedrooms.....                            | 19052.... | 2866.... | 6   |
| HA19. | TENURE(2) BY CONDOMINIUM STATUS(2) (4)             |           |          |     |
|       | Universe: Occupied housing units                   |           |          |     |
|       | Owner occupied:                                    |           |          |     |
|       | Condominium.....                                   | 19061.... | 2875.... | 1,1 |
|       | Not condominium.....                               | 19070.... | 2884.... | 1,2 |
|       | Renter occupied:                                   |           |          |     |
|       | (Repeat CONDOMINIUM STATUS).....                   | 19079.... | 2893.... | 2,1 |
| HA20. | VACANCY STATUS(5) BY CONDOMINIUM<br>STATUS(2) (10) |           |          |     |
|       | Universe: Vacant housing units                     |           |          |     |
|       | For rent:  |           |          |     |
|       | Condominium.....                                   | 19097.... | 2911.... | 1,1 |
|       | Not condominium.....                               | 19106.... | 2920.... | 1,2 |
|       | For sale only:                                     |           |          |     |
|       | (Repeat CONDOMINIUM STATUS).....                   | 19115.... | 2929.... | 2,1 |
|       | Rented or sold, not occupied:                      |           |          |     |
|       | (Repeat CONDOMINIUM STATUS).....                   | 19133.... | 2947.... | 3,1 |
|       | For seasonal, recreational, or<br>occasional use:  |           |          |     |
|       | (Repeat CONDOMINIUM STATUS).....                   | 19151.... | 2965.... | 4,1 |
|       | All other vacants:                                 |           |          |     |
|       | (Repeat CONDOMINIUM STATUS).....                   | 19169.... | 2983.... | 5,1 |

|        |   |           |          |    |
|--------|---|-----------|----------|----|
| HA21.  | VALUE(18) (18)  |           |          |    |
|        | Universe: Owner-occupied condominium housing units        |           |          |    |
|        | Less than \$50,000.....                                   | 19187.... | 3001.... | 1  |
|        | \$50,000 to \$54,999.....                                 | 19196.... | 3010.... | 2  |
|        | \$55,000 to \$59,999.....                                 | 19205.... | 3019.... | 3  |
|        | \$60,000 to \$64,999.....                                 | 19214.... | 3028.... | 4  |
|        | \$65,000 to \$69,999.....                                 | 19223.... | 3037.... | 5  |
|        | \$70,000 to \$74,999.....                                 | 19232.... | 3046.... | 6  |
|        | \$75,000 to \$79,999.....                                 | 19241.... | 3055.... | 7  |
|        | \$80,000 to \$89,999.....                                 | 19250.... | 3064.... | 8  |
|        | \$90,000 to \$99,999.....                                 | 19259.... | 3073.... | 9  |
|        | \$100,000 to \$124,999.....                               | 19268.... | 3082.... | 10 |
|        | \$125,000 to \$149,999.....                               | 19277.... | 3091.... | 11 |
|        | \$150,000 to \$174,999.....                               | 19286.... | 3100.... | 12 |
|        | \$175,000 to \$199,999.....                               | 19295.... | 3109.... | 13 |
|        | \$200,000 to \$249,999.....                               | 19304.... | 3118.... | 14 |
|        | \$250,000 to \$299,999.....                               | 19313.... | 3127.... | 15 |
|        | \$300,000 to \$399,999.....                               | 19322.... | 3136.... | 16 |
|        | \$400,000 to \$499,999.....                               | 19331.... | 3145.... | 17 |
|        | \$500,000 or more.....                                    | 19340.... | 3154.... | 18 |
| HA21A. | MEDIAN VALUE(1) (1)                                       |           |          |    |
|        | Universe: Owner-occupied condominium housing units        |           |          |    |
|        | Median value.....   | 19349.... | 3163.... | 1  |
| HA22.  | AGGREGATE VALUE(1) (1)                                    |           |          |    |
|        | Universe: Owner-occupied condominium housing units        |           |          |    |
|        | Total.....  | 19358.... | 3172.... | 1  |
| HA23.  | MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS(26) (26) |           |          |    |
|        | Universe: Owner-occupied condominium housing units        |           |          |    |
|        | With a mortgage:  |           |          |    |
|        | Less than \$200.....                                      | 19373.... | 3187.... | 1  |
|        | \$200 to \$299.....                                       | 19382.... | 3196.... | 2  |
|        | \$300 to \$349.....                                       | 19391.... | 3205.... | 3  |
|        | \$350 to \$399.....                                       | 19400.... | 3214.... | 4  |
|        | \$400 to \$449.....                                       | 19409.... | 3223.... | 5  |
|        | \$450 to \$499.....                                       | 19418.... | 3232.... | 6  |
|        | \$500 to \$549.....                                       | 19427.... | 3241.... | 7  |
|        | \$550 to \$599.....                                       | 19436.... | 3250.... | 8  |
|        | \$600 to \$649.....                                       | 19445.... | 3259.... | 9  |
|        | \$650 to \$699.....                                       | 19454.... | 3268.... | 10 |
|        | \$700 to \$749.....                                       | 19463.... | 3277.... | 11 |
|        | \$750 to \$799.....                                       | 19472.... | 3286.... | 12 |
|        | \$800 to \$849.....                                       | 19481.... | 3295.... | 13 |
|        | \$850 to \$899.....                                       | 19490.... | 3304.... | 14 |



|        |  |           |          |    |
|--------|--|-----------|----------|----|
|        | \$900 to \$999.....  | 19499.... | 3313.... | 15 |
|        | \$1,000 or more.....   | 19508.... | 3322.... | 16 |
|        | Not mortgaged:   |           |          |    |
|        | Less than \$100.....   | 19517.... | 3331.... | 17 |
|        | \$100 to \$149.....  | 19526.... | 3340.... | 18 |
|        | \$150 to \$199.....  | 19535.... | 3349.... | 19 |
|        | \$200 to \$249.....  | 19544.... | 3358.... | 20 |
|        | \$250 to \$299.....  | 19553.... | 3367.... | 21 |
|        | \$300 to \$349.....  | 19562.... | 3376.... | 22 |
|        | \$350 to \$399.....  | 19571.... | 3385.... | 23 |
|        | \$400 to \$449.....  | 19580.... | 3394.... | 24 |
|        | \$450 to \$499.....  | 19589.... | 3403.... | 25 |
|        | \$500 or more.....   | 19598.... | 3412.... | 26 |
| HA23A. | MEDIAN SELECTED MONTHLY OWNER COSTS<br>AND MORTGAGE STATUS(2) (2)<br>Universe: Owner-occupied condominium<br>housing units |           |          |    |
|        | With a mortgage.....   | 19607.... | 3421.... | 1  |
|        | Not mortgaged.....   | 19616.... | 3430.... | 2  |
| HA24.  | MORTGAGE STATUS AND SELECTED MONTHLY<br>OWNER COSTS(19) (19)<br>Universe: Owner-occupied mobile homes<br>or trailers       |           |          |    |
|        | With a mortgage:   |           |          |    |
|        | Less than \$100.....   | 19625.... | 3439.... | 1  |
|        | \$100 to \$149.....  | 19634.... | 3448.... | 2  |
|        | \$150 to \$199.....  | 19643.... | 3457.... | 3  |
|        | \$200 to \$249.....  | 19652.... | 3466.... | 4  |
|        | \$250 to \$299.....  | 19661.... | 3475.... | 5  |
|        | \$300 to \$349.....  | 19670.... | 3484.... | 6  |
|        | \$350 to \$399.....  | 19679.... | 3493.... | 7  |
|        | \$400 to \$449.....  | 19688.... | 3502.... | 8  |
|        | \$450 to \$499.....  | 19697.... | 3511.... | 9  |
|        | \$500 to \$749.....  | 19706.... | 3520.... | 10 |
|        | \$750 or more.....   | 19715.... | 3529.... | 11 |
|        | Not mortgaged:   |           |          |    |
|        | Less than \$100.....   | 19724.... | 3538.... | 12 |
|        | \$100 to \$149.....  | 19733.... | 3547.... | 13 |
|        | \$150 to \$199.....  | 19742.... | 3556.... | 14 |
|        | \$200 to \$249.....  | 19751.... | 3565.... | 15 |
|        | \$250 to \$299.....  | 19760.... | 3574.... | 16 |
|        | \$300 to \$349.....  | 19769.... | 3583.... | 17 |
|        | \$350 to \$399.....  | 19778.... | 3592.... | 18 |
|        | \$400 or more.....   | 19787.... | 3601.... | 19 |
| HA24A. | MEDIAN SELECTED MONTHLY OWNER COSTS<br>AND MORTGAGE STATUS(2) (2)<br>Universe: Owner-occupied mobile<br>homes or trailers  |           |          |    |

|        |  |           |          |    |
|--------|--|-----------|----------|----|
|        | With a mortgage.....   | 19796.... | 3610.... | 1  |
|        | Not mortgaged.....   | 19805.... | 3619.... | 2  |
| HA25.  | AGGREGATE VALUE(1) (1)<br>Universe: Owner-occupied mobile<br>homes or trailers               |           |          |    |
|        | Total.....   | 19814.... | 3628.... | 1  |
| HA26.  | VALUE(26) (26)<br>Universe: Specified owner-occupied<br>noncondominium housing units         |           |          |    |
|        | Less than \$10,000.....  | 19829.... | 3643.... | 1  |
|        | \$10,000 to \$14,999.....  | 19838.... | 3652.... | 2  |
|        | \$15,000 to \$19,999.....  | 19847.... | 3661.... | 3  |
|        | \$20,000 to \$24,999.....  | 19856.... | 3670.... | 4  |
|        | \$25,000 to \$29,999.....  | 19865.... | 3679.... | 5  |
|        | \$30,000 to \$34,999.....  | 19874.... | 3688.... | 6  |
|        | \$35,000 to \$39,999.....  | 19883.... | 3697.... | 7  |
|        | \$40,000 to \$44,999.....  | 19892.... | 3706.... | 8  |
|        | \$45,000 to \$49,999.....  | 19901.... | 3715.... | 9  |
|        | \$50,000 to \$54,999.....  | 19910.... | 3724.... | 10 |
|        | \$55,000 to \$59,999.....  | 19919.... | 3733.... | 11 |
|        | \$60,000 to \$64,999.....  | 19928.... | 3742.... | 12 |
|        | \$65,000 to \$69,999.....  | 19937.... | 3751.... | 13 |
|        | \$70,000 to \$74,999.....  | 19946.... | 3760.... | 14 |
|        | \$75,000 to \$79,999.....  | 19955.... | 3769.... | 15 |
|        | \$80,000 to \$89,999.....  | 19964.... | 3778.... | 16 |
|        | \$90,000 to \$99,999.....  | 19973.... | 3787.... | 17 |
|        | \$100,000 to \$124,999.....  | 19982.... | 3796.... | 18 |
|        | \$125,000 to \$149,999.....  | 19991.... | 3805.... | 19 |
|        | \$150,000 to \$174,999.....  | 20000.... | 3814.... | 20 |
|        | \$175,000 to \$199,999.....  | 20009.... | 3823.... | 21 |
|        | \$200,000 to \$249,999.....  | 20018.... | 3832.... | 22 |
|        | \$250,000 to \$299,999.....  | 20027.... | 3841.... | 23 |
|        | \$300,000 to \$399,999.....  | 20036.... | 3850.... | 24 |
|        | \$400,000 to \$499,999.....  | 20045.... | 3859.... | 25 |
|        | \$500,000 or more.....   | 20054.... | 3868.... | 26 |
| HA26A. | MEDIAN VALUE(1) (1)<br>Universe: Specified owner-occupied<br>noncondominium housing units    |           |          |    |
|        | Median value.....  | 20063.... | 3877.... | 1  |
| HA27.  | AGGREGATE VALUE(1) (1)<br>Universe: Specified owner-occupied<br>noncondominium housing units |           |          |    |
|        | Total.....   | 20072.... | 3886.... | 1  |
| HA28.  | SECOND MORTGAGE OR HOME EQUITY LOAN<br>STATUS(2) (2)<br>Universe: Specified owner-occupied   |           |          |    |

|                                     |           |          |   |
|-------------------------------------|-----------|----------|---|
| housing units                       |           |          |   |
| With second mortgage or home equity |           |          |   |
| loan.....                           | 20087.... | 3901.... | 1 |
| No second mortgage or home equity   |           |          |   |
| loan.....                           | 20096.... | 3910.... | 2 |

HA29. VACANCY STATUS(6) BY YEAR STRUCTURE  
 BUILT(8) BY BOARDED-UP STATUS(2) (96)

Universe: Vacant housing units

For rent:

  1989 to March 1990:

|                     |           |          |       |
|---------------------|-----------|----------|-------|
| Boarded up.....     | 20105.... | 3919.... | 1,1,1 |
| Not boarded up..... | 20114.... | 3928.... | 1,1,2 |

  1985 to 1988:

|                                 |           |          |       |
|---------------------------------|-----------|----------|-------|
| (Repeat BOARDED-UP STATUS)..... | 20123.... | 3937.... | 1,2,1 |
|---------------------------------|-----------|----------|-------|

  1980 to 1984:

|                                 |           |          |       |
|---------------------------------|-----------|----------|-------|
| (Repeat BOARDED-UP STATUS)..... | 20141.... | 3955.... | 1,3,1 |
|---------------------------------|-----------|----------|-------|

  1970 to 1979:

|                                 |           |          |       |
|---------------------------------|-----------|----------|-------|
| (Repeat BOARDED-UP STATUS)..... | 20159.... | 3973.... | 1,4,1 |
|---------------------------------|-----------|----------|-------|

  1960 to 1969:

|                                 |           |          |       |
|---------------------------------|-----------|----------|-------|
| (Repeat BOARDED-UP STATUS)..... | 20177.... | 3991.... | 1,5,1 |
|---------------------------------|-----------|----------|-------|

  1950 to 1959:

|                                 |           |          |       |
|---------------------------------|-----------|----------|-------|
| (Repeat BOARDED-UP STATUS)..... | 20195.... | 4009.... | 1,6,1 |
|---------------------------------|-----------|----------|-------|

  1940 to 1949:

|                                 |           |          |       |
|---------------------------------|-----------|----------|-------|
| (Repeat BOARDED-UP STATUS)..... | 20213.... | 4027.... | 1,7,1 |
|---------------------------------|-----------|----------|-------|

  1939 or earlier:

|                                 |           |          |       |
|---------------------------------|-----------|----------|-------|
| (Repeat BOARDED-UP STATUS)..... | 20231.... | 4045.... | 1,8,1 |
|---------------------------------|-----------|----------|-------|

For sale only:

|  |           |          |       |
|--|-----------|----------|-------|
| (Repeat YEAR STRUCTURE BUILT By<br>BOARDED-UP STATUS)..... | 20249.... | 4063.... | 2,1,1 |
|--|-----------|----------|-------|

Rented or sold, not occupied:

|  |           |          |       |
|--|-----------|----------|-------|
| (Repeat YEAR STRUCTURE BUILT By<br>BOARDED-UP STATUS)..... | 20393.... | 4207.... | 3,1,1 |
|--|-----------|----------|-------|

For seasonal, recreational, or  
 occasional use:

|  |           |          |       |
|--|-----------|----------|-------|
| (Repeat YEAR STRUCTURE BUILT By<br>BOARDED-UP STATUS)..... | 20537.... | 4351.... | 4,1,1 |
|--|-----------|----------|-------|

For migrant workers:

|  |           |          |       |
|--|-----------|----------|-------|
| (Repeat YEAR STRUCTURE BUILT By<br>BOARDED-UP STATUS)..... | 20681.... | 4495.... | 5,1,1 |
|--|-----------|----------|-------|

Other vacant:

|  |           |          |       |
|--|-----------|----------|-------|
| (Repeat YEAR STRUCTURE BUILT By<br>BOARDED-UP STATUS)..... | 20825.... | 4639.... | 6,1,1 |
|--|-----------|----------|-------|

HA30. VACANCY STATUS(3) BY DURATION OF  
 VACANCY(6) (18)

Universe: Vacant housing units

For rent:

|                        |           |          |     |
|------------------------|-----------|----------|-----|
| Less than 1 month..... | 20969.... | 4783.... | 1,1 |
| 1 up to 2 months.....  | 20978.... | 4792.... | 1,2 |
| 2 up to 6 months.....  | 20987.... | 4801.... | 1,3 |

|       |   |           |          |        |
|-------|---|-----------|----------|--------|
|       | 6 up to 12 months.....  | 20996.... | 4810.... | 1,4    |
|       | 1 up to 2 years.....  | 21005.... | 4819.... | 1,5    |
|       | 2 or more years.....  | 21014.... | 4828.... | 1,6    |
|       | For sale only:  |           |          |        |
|       | (Repeat DURATION OF VACANCY).....   | 21023.... | 4837.... | 2,1    |
|       | All other vacants:  |           |          |        |
|       | (Repeat DURATION OF VACANCY).....   | 21077.... | 4891.... | 3,1    |
| HA31. | TENURE(2) BY YEAR STRUCTURE BUILT(8)<br>BY UNITS IN STRUCTURE(10) (160)<br>Universe: Occupied housing units<br>Owner occupied:                |           |          |        |
|       | 1989 to March 1990:   |           |          |        |
|       | 1, detached.....  | 21131.... | 4945.... | 1,1,1  |
|       | 1, attached.....  | 21140.... | 4954.... | 1,1,2  |
|       | 2.....  | 21149.... | 4963.... | 1,1,3  |
|       | 3 or 4.....   | 21158.... | 4972.... | 1,1,4  |
|       | 5 to 9.....   | 21167.... | 4981.... | 1,1,5  |
|       | 10 to 19.....   | 21176.... | 4990.... | 1,1,6  |
|       | 20 to 49.....   | 21185.... | 4999.... | 1,1,7  |
|       | 50 or more.....   | 21194.... | 5008.... | 1,1,8  |
|       | Mobile home or trailer.....   | 21203.... | 5017.... | 1,1,9  |
|       | Other.....  | 21212.... | 5026.... | 1,1,10 |
|       | 1985 to 1988:   |           |          |        |
|       | (Repeat UNITS IN STRUCTURE).....  | 21221.... | 5035.... | 1,2,1  |
|       | 1980 to 1984:   |           |          |        |
|       | (Repeat UNITS IN STRUCTURE).....  | 21311.... | 5125.... | 1,3,1  |
|       | 1970 to 1979:   |           |          |        |
|       | (Repeat UNITS IN STRUCTURE).....  | 21401.... | 5215.... | 1,4,1  |
|       | 1960 to 1969:   |           |          |        |
|       | (Repeat UNITS IN STRUCTURE).....  | 21491.... | 5305.... | 1,5,1  |
|       | 1950 to 1959:   |           |          |        |
|       | (Repeat UNITS IN STRUCTURE).....  | 21581.... | 5395.... | 1,6,1  |
|       | 1940 to 1949:   |           |          |        |
|       | (Repeat UNITS IN STRUCTURE).....  | 21671.... | 5485.... | 1,7,1  |
|       | 1939 or earlier:  |           |          |        |
|       | (Repeat UNITS IN STRUCTURE).....  | 21761.... | 5575.... | 1,8,1  |
|       | Renter occupied:  |           |          |        |
|       | (Repeat YEAR STRUCTURE BUILT By<br>UNITS IN STRUCTURE).....   | 21851.... | 5665.... | 2,1,1  |
| HA32. | TENURE(2) BY YEAR HOUSEHOLDER MOVED<br>INTO UNIT(6) BY UNITS IN<br>STRUCTURE(10) (120)<br>Universe: Occupied housing units<br>Owner occupied: |           |          |        |
|       | 1989 to March 1990:   |           |          |        |
|       | 1, detached.....  | 22571.... | 6385.... | 1,1,1  |
|       | 1, attached.....  | 22580.... | 6394.... | 1,1,2  |
|       | 2.....  | 22589.... | 6403.... | 1,1,3  |
|       | 3 or 4.....   | 22598.... | 6412.... | 1,1,4  |

|   |           |          |        |
|---|-----------|----------|--------|
| 5 to 9.....   | 22607.... | 6421.... | 1,1,5  |
| 10 to 19.....   | 22616.... | 6430.... | 1,1,6  |
| 20 to 49.....   | 22625.... | 6439.... | 1,1,7  |
| 50 or more.....   | 22634.... | 6448.... | 1,1,8  |
| Mobile home or trailer.....   | 22643.... | 6457.... | 1,1,9  |
| Other.....  | 22652.... | 6466.... | 1,1,10 |
| 1985 to 1988:   |           |          |        |
| (Repeat UNITS IN STRUCTURE).....  | 22661.... | 6475.... | 1,2,1  |
| 1980 to 1984:   |           |          |        |
| (Repeat UNITS IN STRUCTURE).....  | 22751.... | 6565.... | 1,3,1  |
| 1970 to 1979:   |           |          |        |
| (Repeat UNITS IN STRUCTURE).....  | 22841.... | 6655.... | 1,4,1  |
| 1960 to 1969:   |           |          |        |
| (Repeat UNITS IN STRUCTURE).....  | 22931.... | 6745.... | 1,5,1  |
| 1959 or earlier:  |           |          |        |
| (Repeat UNITS IN STRUCTURE).....  | 23021.... | 6835.... | 1,6,1  |
| Renter occupied:  |           |          |        |
| (Repeat YEAR HOUSEHOLDER MOVED<br>INTO UNIT BY UNITS IN STRUCTURE).                       | 23111.... | 6925.... | 2,1,1  |
| HA33. AGGREGATE VEHICLES AVAILABLE(1) BY<br>UNITS IN STRUCTURE(10) (10)                   |           |          |        |
| Universe: Occupied housing units  |           |          |        |
| Total:  |           |          |        |
| 1, detached.....  | 23651.... | 7465.... | 1,1    |
| 1, attached.....  | 23660.... | 7474.... | 1,2    |
| 2.....  | 23669.... | 7483.... | 1,3    |
| 3 or 4.....   | 23678.... | 7492.... | 1,4    |
| 5 to 9.....   | 23687.... | 7501.... | 1,5    |
| 10 to 19.....   | 23696.... | 7510.... | 1,6    |
| 20 to 49.....   | 23705.... | 7519.... | 1,7    |
| 50 or more.....   | 23714.... | 7528.... | 1,8    |
| Mobile home or trailer.....   | 23723.... | 7537.... | 1,9    |
| Other.....  | 23732.... | 7546.... | 1,10   |
| HA34. AGGREGATE PERSONS(1) BY TENURE(2)<br>BY YEAR HOUSEHOLDER MOVED INTO<br>UNIT(6) (12) |           |          |        |
| Universe: Persons in occupied<br>housing units  |           |          |        |
| Total:  |           |          |        |
| Owner occupied:   |           |          |        |
| 1989 to March 1990.....   | 23741.... | 7555.... | 1,1,1  |
| 1985 to 1988.....   | 23750.... | 7564.... | 1,1,2  |
| 1980 to 1984.....   | 23759.... | 7573.... | 1,1,3  |
| 1970 to 1979.....   | 23768.... | 7582.... | 1,1,4  |
| 1960 to 1969.....   | 23777.... | 7591.... | 1,1,5  |
| 1959 or earlier.....  | 23786.... | 7600.... | 1,1,6  |
| Renter occupied:  |           |          |        |
| (Repeat YEAR HOUSEHOLDER MOVED<br>INTO UNIT).....   | 23795.... | 7609.... | 1,2,1  |

|   |           |          |       |
|---|-----------|----------|-------|
| HA35. TENURE(2) BY YEAR HOUSEHOLDER MOVED |           |          |       |
| INTO UNIT(6) BY AGE OF HOUSE-             |           |          |       |
| HOLDER(7) (84)                            |           |          |       |
| Universe: Occupied housing units          |           |          |       |
| Owner occupied:                           |           |          |       |
| 1989 to March 1990:                       |           |          |       |
| Householder 15 to 24 years.....           | 23849.... | 7663.... | 1,1,1 |
| Householder 25 to 34 years.....           | 23858.... | 7672.... | 1,1,2 |
| Householder 35 to 44 years.....           | 23867.... | 7681.... | 1,1,3 |
| Householder 45 to 54 years.....           | 23876.... | 7690.... | 1,1,4 |
| Householder 55 to 64 years.....           | 23885.... | 7699.... | 1,1,5 |
| Householder 65 to 74 years.....           | 23894.... | 7708.... | 1,1,6 |
| Householder 75 years and over...          | 23903.... | 7717.... | 1,1,7 |
| 1985 to 1988:                             |           |          |       |
| (Repeat AGE OF HOUSEHOLDER).....          | 23912.... | 7726.... | 1,2,1 |
| 1980 to 1984:                             |           |          |       |
| (Repeat AGE OF HOUSEHOLDER).....          | 23975.... | 7789.... | 1,3,1 |
| 1970 to 1979:                             |           |          |       |
| (Repeat AGE OF HOUSEHOLDER).....          | 24038.... | 7852.... | 1,4,1 |
| 1960 to 1969:                             |           |          |       |
| (Repeat AGE OF HOUSEHOLDER).....          | 24101.... | 7915.... | 1,5,1 |
| 1959 or earlier:                          |           |          |       |
| (Repeat AGE OF HOUSEHOLDER).....          | 24164.... | 7978.... | 1,6,1 |
| Renter occupied:                          |           |          |       |
| (Repeat YEAR HOUSEHOLDER MOVED            |           |          |       |
| INTO UNIT By AGE OF HOUSE-                |           |          |       |
| HOLDER)-Con.....                          | 24227.... | 8041.... | 2,1,1 |
| Filler.....                               | 24272.... | 8086     |       |
| End of Segment                            |           |          |       |
| Renter occupied:                          |           |          |       |
| (Repeat YEAR HOUSEHOLDER MOVED            |           |          |       |
| INTO UNIT By AGE OF HOUSE-                |           |          |       |
| HOLDER)-Con.....                          | 24580.... | 301....  | 2,1,6 |
| HA36. YEAR STRUCTURE BUILT(8) BY          |           |          |       |
| VALUE(20) (160)                           |           |          |       |
| Universe: Specified owner-occupied        |           |          |       |
| housing units                             |           |          |       |
| 1989 to March 1990:                       |           |          |       |
| Less than \$15,000.....                   | 24913.... | 634....  | 1,1   |
| \$15,000 to \$19,999.....                 | 24922.... | 643....  | 1,2   |
| \$20,000 to \$24,999.....                 | 24931.... | 652....  | 1,3   |
| \$25,000 to \$29,999.....                 | 24940.... | 661....  | 1,4   |
| \$30,000 to \$34,999.....                 | 24949.... | 670....  | 1,5   |
| \$35,000 to \$39,999.....                 | 24958.... | 679....  | 1,6   |
| \$40,000 to \$44,999.....                 | 24967.... | 688....  | 1,7   |
| \$45,000 to \$49,999.....                 | 24976.... | 697....  | 1,8   |
| \$50,000 to \$59,999.....                 | 24985.... | 706....  | 1,9   |
| \$60,000 to \$74,999.....                 | 24994.... | 715....  | 1,10  |
| \$75,000 to \$99,999.....                 | 25003.... | 724....  | 1,11  |

|                             |           |          |      |
|-----------------------------|-----------|----------|------|
| \$100,000 to \$124,999..... | 25012.... | 733....  | 1,12 |
| \$125,000 to \$149,999..... | 25021.... | 742....  | 1,13 |
| \$150,000 to \$174,999..... | 25030.... | 751....  | 1,14 |
| \$175,000 to \$199,999..... | 25039.... | 760....  | 1,15 |
| \$200,000 to \$249,999..... | 25048.... | 769....  | 1,16 |
| \$250,000 to \$299,999..... | 25057.... | 778....  | 1,17 |
| \$300,000 to \$399,999..... | 25066.... | 787....  | 1,18 |
| \$400,000 to \$499,999..... | 25075.... | 796....  | 1,19 |
| \$500,000 or more.....      | 25084.... | 805....  | 1,20 |
| 1985 to 1988:               |           |          |      |
| (Repeat VALUE).....         | 25093.... | 814....  | 2,1  |
| 1980 to 1984:               |           |          |      |
| (Repeat VALUE).....         | 25273.... | 994....  | 3,1  |
| 1970 to 1979:               |           |          |      |
| (Repeat VALUE).....         | 25453.... | 1174.... | 4,1  |
| 1960 to 1969:               |           |          |      |
| (Repeat VALUE).....         | 25633.... | 1354.... | 5,1  |
| 1950 to 1959:               |           |          |      |
| (Repeat VALUE).....         | 25813.... | 1534.... | 6,1  |
| 1940 to 1949:               |           |          |      |
| (Repeat VALUE).....         | 25993.... | 1714.... | 7,1  |
| 1939 or earlier:            |           |          |      |
| (Repeat VALUE).....         | 26173.... | 1894.... | 8,1  |

HA37. YEAR STRUCTURE BUILT(8) BY GROSS

RENT(17) (136)

Universe: Specified renter-occupied housing units

1989 to March 1990:

With cash rent:

|                      |           |          |      |
|----------------------|-----------|----------|------|
| Less than \$100..... | 26353.... | 2074.... | 1,1  |
| \$100 to \$149.....  | 26362.... | 2083.... | 1,2  |
| \$150 to \$199.....  | 26371.... | 2092.... | 1,3  |
| \$200 to \$249.....  | 26380.... | 2101.... | 1,4  |
| \$250 to \$299.....  | 26389.... | 2110.... | 1,5  |
| \$300 to \$349.....  | 26398.... | 2119.... | 1,6  |
| \$350 to \$399.....  | 26407.... | 2128.... | 1,7  |
| \$400 to \$449.....  | 26416.... | 2137.... | 1,8  |
| \$450 to \$499.....  | 26425.... | 2146.... | 1,9  |
| \$500 to \$549.....  | 26434.... | 2155.... | 1,10 |
| \$550 to \$599.....  | 26443.... | 2164.... | 1,11 |
| \$600 to \$649.....  | 26452.... | 2173.... | 1,12 |
| \$650 to \$699.....  | 26461.... | 2182.... | 1,13 |
| \$700 to \$749.....  | 26470.... | 2191.... | 1,14 |
| \$750 to \$999.....  | 26479.... | 2200.... | 1,15 |
| \$1,000 or more..... | 26488.... | 2209.... | 1,16 |

No cash rent..... 26497.... 2218.... 1,17

1985 to 1988:

(Repeat GROSS RENT)..... 26506.... 2227.... 2,1

1980 to 1984:

(Repeat GROSS RENT)..... 26659.... 2380.... 3,1

|                          |           |          |     |
|--------------------------|-----------|----------|-----|
| 1970 to 1979:            |           |          |     |
| (Repeat GROSS RENT)..... | 26812.... | 2533.... | 4,1 |
| 1960 to 1969:            |           |          |     |
| (Repeat GROSS RENT)..... | 26965.... | 2686.... | 5,1 |
| 1950 to 1959:            |           |          |     |
| (Repeat GROSS RENT)..... | 27118.... | 2839.... | 6,1 |
| 1940 to 1949:            |           |          |     |
| (Repeat GROSS RENT)..... | 27271.... | 2992.... | 7,1 |
| 1939 or earlier:         |           |          |     |
| (Repeat GROSS RENT)..... | 27424.... | 3145.... | 8,1 |

HA38. UNITS IN STRUCTURE(10) BY GROSS  
RENT(17) (170)

Universe: Specified renter-occupied housing units

1, detached:

With cash rent:

|                      |           |          |      |
|----------------------|-----------|----------|------|
| Less than \$100..... | 27577.... | 3298.... | 1,1  |
| \$100 to \$149.....  | 27586.... | 3307.... | 1,2  |
| \$150 to \$199.....  | 27595.... | 3316.... | 1,3  |
| \$200 to \$249.....  | 27604.... | 3325.... | 1,4  |
| \$250 to \$299.....  | 27613.... | 3334.... | 1,5  |
| \$300 to \$349.....  | 27622.... | 3343.... | 1,6  |
| \$350 to \$399.....  | 27631.... | 3352.... | 1,7  |
| \$400 to \$449.....  | 27640.... | 3361.... | 1,8  |
| \$450 to \$499.....  | 27649.... | 3370.... | 1,9  |
| \$500 to \$549.....  | 27658.... | 3379.... | 1,10 |
| \$550 to \$599.....  | 27667.... | 3388.... | 1,11 |
| \$600 to \$649.....  | 27676.... | 3397.... | 1,12 |
| \$650 to \$699.....  | 27685.... | 3406.... | 1,13 |
| \$700 to \$749.....  | 27694.... | 3415.... | 1,14 |
| \$750 to \$999.....  | 27703.... | 3424.... | 1,15 |
| \$1,000 or more..... | 27712.... | 3433.... | 1,16 |

|                   |           |          |      |
|-------------------|-----------|----------|------|
| No cash rent..... | 27721.... | 3442.... | 1,17 |
|-------------------|-----------|----------|------|

1, attached:

|                          |           |          |     |
|--------------------------|-----------|----------|-----|
| (Repeat GROSS RENT)..... | 27730.... | 3451.... | 2,1 |
|--------------------------|-----------|----------|-----|

2:

|                          |           |          |     |
|--------------------------|-----------|----------|-----|
| (Repeat GROSS RENT)..... | 27883.... | 3604.... | 3,1 |
|--------------------------|-----------|----------|-----|

3 or 4:

|                          |           |          |     |
|--------------------------|-----------|----------|-----|
| (Repeat GROSS RENT)..... | 28036.... | 3757.... | 4,1 |
|--------------------------|-----------|----------|-----|

5 to 9:

|                          |           |          |     |
|--------------------------|-----------|----------|-----|
| (Repeat GROSS RENT)..... | 28189.... | 3910.... | 5,1 |
|--------------------------|-----------|----------|-----|

10 to 19:

|                          |           |          |     |
|--------------------------|-----------|----------|-----|
| (Repeat GROSS RENT)..... | 28342.... | 4063.... | 6,1 |
|--------------------------|-----------|----------|-----|

20 to 49:

|                          |           |          |     |
|--------------------------|-----------|----------|-----|
| (Repeat GROSS RENT)..... | 28495.... | 4216.... | 7,1 |
|--------------------------|-----------|----------|-----|

50 or more:

|                          |           |          |     |
|--------------------------|-----------|----------|-----|
| (Repeat GROSS RENT)..... | 28648.... | 4369.... | 8,1 |
|--------------------------|-----------|----------|-----|

Mobile home or trailer:

|                          |           |          |     |
|--------------------------|-----------|----------|-----|
| (Repeat GROSS RENT)..... | 28801.... | 4522.... | 9,1 |
|--------------------------|-----------|----------|-----|

Other:

|                          |           |          |      |
|--------------------------|-----------|----------|------|
| (Repeat GROSS RENT)..... | 28954.... | 4675.... | 10,1 |
|--------------------------|-----------|----------|------|



HA39. BEDROOMS(6) BY GROSS RENT(17) (102)  
 Universe: Specified renter-occupied  
 housing units

No bedroom:

With cash rent:

|                      |           |          |      |
|----------------------|-----------|----------|------|
| Less than \$100..... | 29107.... | 4828.... | 1,1  |
| \$100 to \$149.....  | 29116.... | 4837.... | 1,2  |
| \$150 to \$199.....  | 29125.... | 4846.... | 1,3  |
| \$200 to \$249.....  | 29134.... | 4855.... | 1,4  |
| \$250 to \$299.....  | 29143.... | 4864.... | 1,5  |
| \$300 to \$349.....  | 29152.... | 4873.... | 1,6  |
| \$350 to \$399.....  | 29161.... | 4882.... | 1,7  |
| \$400 to \$449.....  | 29170.... | 4891.... | 1,8  |
| \$450 to \$499.....  | 29179.... | 4900.... | 1,9  |
| \$500 to \$549.....  | 29188.... | 4909.... | 1,10 |
| \$550 to \$599.....  | 29197.... | 4918.... | 1,11 |
| \$600 to \$649.....  | 29206.... | 4927.... | 1,12 |
| \$650 to \$699.....  | 29215.... | 4936.... | 1,13 |
| \$700 to \$749.....  | 29224.... | 4945.... | 1,14 |
| \$750 to \$999.....  | 29233.... | 4954.... | 1,15 |
| \$1,000 or more..... | 29242.... | 4963.... | 1,16 |

No cash rent..... 29251.... 4972.... 1,17

1 bedroom:

(Repeat GROSS RENT)..... 29260.... 4981.... 2,1

2 bedrooms:

(Repeat GROSS RENT)..... 29413.... 5134.... 3,1

3 bedrooms:

(Repeat GROSS RENT)..... 29566.... 5287.... 4,1

4 bedrooms:

(Repeat GROSS RENT)..... 29719.... 5440.... 5,1

5 or more bedrooms:

(Repeat GROSS RENT)..... 29872.... 5593.... 6,1

HA40. BEDROOMS(6) BY CONTRACT RENT(17) (102)  
 Universe: Specified renter-occupied  
 housing units

No bedroom:

With cash rent:

|                      |           |          |      |
|----------------------|-----------|----------|------|
| Less than \$100..... | 30025.... | 5746.... | 1,1  |
| \$100 to \$149.....  | 30034.... | 5755.... | 1,2  |
| \$150 to \$199.....  | 30043.... | 5764.... | 1,3  |
| \$200 to \$249.....  | 30052.... | 5773.... | 1,4  |
| \$250 to \$299.....  | 30061.... | 5782.... | 1,5  |
| \$300 to \$349.....  | 30070.... | 5791.... | 1,6  |
| \$350 to \$399.....  | 30079.... | 5800.... | 1,7  |
| \$400 to \$449.....  | 30088.... | 5809.... | 1,8  |
| \$450 to \$499.....  | 30097.... | 5818.... | 1,9  |
| \$500 to \$549.....  | 30106.... | 5827.... | 1,10 |
| \$550 to \$599.....  | 30115.... | 5836.... | 1,11 |
| \$600 to \$649.....  | 30124.... | 5845.... | 1,12 |
| \$650 to \$699.....  | 30133.... | 5854.... | 1,13 |

|       |                                     |           |          |      |
|-------|-------------------------------------|-----------|----------|------|
|       | \$700 to \$749.....                 | 30142.... | 5863.... | 1,14 |
|       | \$750 to \$999.....                 | 30151.... | 5872.... | 1,15 |
|       | \$1,000 or more.....                | 30160.... | 5881.... | 1,16 |
|       | No cash rent.....                   | 30169.... | 5890.... | 1,17 |
| 1     | bedroom:                            |           |          |      |
|       | (Repeat CONTRACT RENT).....         | 30178.... | 5899.... | 2,1  |
| 2     | bedrooms:                           |           |          |      |
|       | (Repeat CONTRACT RENT).....         | 30331.... | 6052.... | 3,1  |
| 3     | bedrooms:                           |           |          |      |
|       | (Repeat CONTRACT RENT).....         | 30484.... | 6205.... | 4,1  |
| 4     | bedrooms:                           |           |          |      |
|       | (Repeat CONTRACT RENT).....         | 30637.... | 6358.... | 5,1  |
| 5     | or more bedrooms:                   |           |          |      |
|       | (Repeat CONTRACT RENT).....         | 30790.... | 6511.... | 6,1  |
| HA41. | BEDROOMS(6) BY RENT ASKED(17) (102) |           |          |      |
|       | Universe: Specified vacant for-rent |           |          |      |
|       | housing units                       |           |          |      |
|       | No bedroom:                         |           |          |      |
|       | With cash rent:                     |           |          |      |
|       | Less than \$100.....                | 30943.... | 6664.... | 1,1  |
|       | \$100 to \$149.....                 | 30952.... | 6673.... | 1,2  |
|       | \$150 to \$199.....                 | 30961.... | 6682.... | 1,3  |
|       | \$200 to \$249.....                 | 30970.... | 6691.... | 1,4  |
|       | \$250 to \$299.....                 | 30979.... | 6700.... | 1,5  |
|       | \$300 to \$349.....                 | 30988.... | 6709.... | 1,6  |
|       | \$350 to \$399.....                 | 30997.... | 6718.... | 1,7  |
|       | \$400 to \$449.....                 | 31006.... | 6727.... | 1,8  |
|       | \$450 to \$499.....                 | 31015.... | 6736.... | 1,9  |
|       | \$500 to \$549.....                 | 31024.... | 6745.... | 1,10 |
|       | \$550 to \$599.....                 | 31033.... | 6754.... | 1,11 |
|       | \$600 to \$649.....                 | 31042.... | 6763.... | 1,12 |
|       | \$650 to \$699.....                 | 31051.... | 6772.... | 1,13 |
|       | \$700 to \$749.....                 | 31060.... | 6781.... | 1,14 |
|       | \$750 to \$999.....                 | 31069.... | 6790.... | 1,15 |
|       | \$1,000 or more.....                | 31078.... | 6799.... | 1,16 |
|       | No cash rent.....                   | 31087.... | 6808.... | 1,17 |
| 1     | bedroom:                            |           |          |      |
|       | (Repeat RENT ASKED).....            | 31096.... | 6817.... | 2,1  |
| 2     | bedrooms:                           |           |          |      |
|       | (Repeat RENT ASKED).....            | 31249.... | 6970.... | 3,1  |
| 3     | bedrooms:                           |           |          |      |
|       | (Repeat RENT ASKED).....            | 31402.... | 7123.... | 4,1  |
| 4     | bedrooms:                           |           |          |      |
|       | (Repeat RENT ASKED).....            | 31555.... | 7276.... | 5,1  |
| 5     | or more bedrooms:                   |           |          |      |
|       | (Repeat RENT ASKED).....            | 31708.... | 7429.... | 6,1  |
| HA42. | BEDROOMS(6) BY VALUE(20) (120)      |           |          |      |
|       | Universe: Specified owner-occupied  |           |          |      |
|       | housing units                       |           |          |      |

|                             |           |          |      |
|-----------------------------|-----------|----------|------|
| No bedroom:                 |           |          |      |
| Less than \$15,000.....     | 31861.... | 7582.... | 1,1  |
| \$15,000 to \$19,999.....   | 31870.... | 7591.... | 1,2  |
| \$20,000 to \$24,999.....   | 31879.... | 7600.... | 1,3  |
| \$25,000 to \$29,999.....   | 31888.... | 7609.... | 1,4  |
| \$30,000 to \$34,999.....   | 31897.... | 7618.... | 1,5  |
| \$35,000 to \$39,999.....   | 31906.... | 7627.... | 1,6  |
| \$40,000 to \$44,999.....   | 31915.... | 7636.... | 1,7  |
| \$45,000 to \$49,999.....   | 31924.... | 7645.... | 1,8  |
| \$50,000 to \$59,999.....   | 31933.... | 7654.... | 1,9  |
| \$60,000 to \$74,999.....   | 31942.... | 7663.... | 1,10 |
| \$75,000 to \$99,999.....   | 31951.... | 7672.... | 1,11 |
| \$100,000 to \$124,999..... | 31960.... | 7681.... | 1,12 |
| \$125,000 to \$149,999..... | 31969.... | 7690.... | 1,13 |
| \$150,000 to \$174,999..... | 31978.... | 7699.... | 1,14 |
| \$175,000 to \$199,999..... | 31987.... | 7708.... | 1,15 |
| \$200,000 to \$249,999..... | 31996.... | 7717.... | 1,16 |
| \$250,000 to \$299,999..... | 32005.... | 7726.... | 1,17 |
| \$300,000 to \$399,999..... | 32014.... | 7735.... | 1,18 |
| \$400,000 to \$499,999..... | 32023.... | 7744.... | 1,19 |
| \$500,000 or more.....      | 32032.... | 7753.... | 1,20 |
| 1 bedroom:                  |           |          |      |
| (Repeat VALUE).....         | 32041.... | 7762.... | 2,1  |
| 2 bedrooms:                 |           |          |      |
| (Repeat VALUE).....         | 32221.... | 7942.... | 3,1  |
| Filler.....                 | 32365.... | 8086     |      |
| End of Segment              |           |          |      |
| 2 bedrooms:                 |           |          |      |
| (Repeat VALUE)-Con.....     | 32673.... | 301....  | 3,17 |
| 3 bedrooms:                 |           |          |      |
| (Repeat VALUE).....         | 32709.... | 337....  | 4,1  |
| 4 bedrooms:                 |           |          |      |
| (Repeat VALUE).....         | 32889.... | 517....  | 5,1  |
| 5 or more bedrooms:         |           |          |      |
| (Repeat VALUE).....         | 33069.... | 697....  | 6,1  |

HA43. BEDROOMS(6) BY PRICE ASKED(20) (120)  
 Universe: Specified vacant-for-sale-  
 only housing units

|                           |           |         |     |
|---------------------------|-----------|---------|-----|
| No bedroom:               |           |         |     |
| Less than \$15,000.....   | 33249.... | 877.... | 1,1 |
| \$15,000 to \$19,999..... | 33258.... | 886.... | 1,2 |
| \$20,000 to \$24,999..... | 33267.... | 895.... | 1,3 |
| \$25,000 to \$29,999..... | 33276.... | 904.... | 1,4 |
| \$30,000 to \$34,999..... | 33285.... | 913.... | 1,5 |
| \$35,000 to \$39,999..... | 33294.... | 922.... | 1,6 |
| \$40,000 to \$44,999..... | 33303.... | 931.... | 1,7 |
| \$45,000 to \$49,999..... | 33312.... | 940.... | 1,8 |
| \$50,000 to \$59,999..... | 33321.... | 949.... | 1,9 |

|                             |           |          |      |
|-----------------------------|-----------|----------|------|
| \$60,000 to \$74,999.....   | 33330.... | 958....  | 1,10 |
| \$75,000 to \$99,999.....   | 33339.... | 967....  | 1,11 |
| \$100,000 to \$124,999..... | 33348.... | 976....  | 1,12 |
| \$125,000 to \$149,999..... | 33357.... | 985....  | 1,13 |
| \$150,000 to \$174,999..... | 33366.... | 994....  | 1,14 |
| \$175,000 to \$199,999..... | 33375.... | 1003.... | 1,15 |
| \$200,000 to \$249,999..... | 33384.... | 1012.... | 1,16 |
| \$250,000 to \$299,999..... | 33393.... | 1021.... | 1,17 |
| \$300,000 to \$399,999..... | 33402.... | 1030.... | 1,18 |
| \$400,000 to \$499,999..... | 33411.... | 1039.... | 1,19 |
| \$500,000 or more.....      | 33420.... | 1048.... | 1,20 |
| 1 bedroom:                  |           |          |      |
| (Repeat PRICE ASKED).....   | 33429.... | 1057.... | 2,1  |
| 2 bedrooms:                 |           |          |      |
| (Repeat PRICE ASKED).....   | 33609.... | 1237.... | 3,1  |
| 3 bedrooms:                 |           |          |      |
| (Repeat PRICE ASKED).....   | 33789.... | 1417.... | 4,1  |
| 4 bedrooms:                 |           |          |      |
| (Repeat PRICE ASKED).....   | 33969.... | 1597.... | 5,1  |
| 5 or more bedrooms:         |           |          |      |
| (Repeat PRICE ASKED).....   | 34149.... | 1777.... | 6,1  |

HA44. TENURE(2) BY YEAR HOUSEHOLDER MOVED INTO UNIT(3) BY AGE OF HOUSEHOLDER(3) BY RATIO OF INCOME IN 1989 TO POVERTY LEVEL(3) (54)

Universe: Occupied housing units

Owner occupied:

1989 to March 1990:

Householder 15 to 44 years:

|                    |           |          |         |
|--------------------|-----------|----------|---------|
| Under 1.00.....    | 34329.... | 1957.... | 1,1,1,1 |
| 1.00 to 1.49.....  | 34338.... | 1966.... | 1,1,1,2 |
| 1.50 and over..... | 34347.... | 1975.... | 1,1,1,3 |

Householder 45 to 61 years:

|  |           |          |         |
|--|-----------|----------|---------|
| (Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL)..... | 34356.... | 1984.... | 1,1,2,1 |
|--|-----------|----------|---------|

Householder 62 years and over:

|  |           |          |         |
|--|-----------|----------|---------|
| (Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL)..... | 34383.... | 2011.... | 1,1,3,1 |
|--|-----------|----------|---------|

1985 to 1988:

|  |           |          |         |
|--|-----------|----------|---------|
| (Repeat AGE OF HOUSEHOLDER By RATIO OF INCOME IN 1989 TO POVERTY LEVEL)..... | 34410.... | 2038.... | 1,2,1,1 |
|--|-----------|----------|---------|

1984 or earlier:

|  |           |          |         |
|--|-----------|----------|---------|
| (Repeat AGE OF HOUSEHOLDER By RATIO OF INCOME IN 1989 TO POVERTY LEVEL)..... | 34491.... | 2119.... | 1,3,1,1 |
|--|-----------|----------|---------|

Renter occupied:

(Repeat YEAR HOUSEHOLDER MOVED INTO UNIT By AGE OF HOUSEHOLDER By RATIO OF INCOME IN 1989 TO

|       |  |           |          |         |
|-------|--|-----------|----------|---------|
|       | POVERTY LEVEL).....  | 34572.... | 2200.... | 2,1,1,1 |
| HA45. | TENURE(2) BY RATIO OF INCOME IN 1989<br>TO POVERTY LEVEL(2) BY MOBILITY AND<br>SELF-CARE LIMITATION STATUS AND AGE<br>OF PERSONS IN UNIT(3) (12)<br>Universe: Occupied housing units<br>Owner occupied:<br>Under 2.00:<br>1 or more persons in unit with a<br>mobility or self-care limitation:<br>All persons in unit with a<br>mobility or self-care limit-<br>ation under 62 years..... | 34815.... | 2443.... | 1,1,1   |
|       | 1 or more persons in unit with<br>a mobility or self-care limit-<br>ation 62 years and over.....   | 34824.... | 2452.... | 1,1,2   |
|       | No persons in unit with a mobility<br>or self-care limitation.....   | 34833.... | 2461.... | 1,1,3   |
|       | 2.00 and over:<br>(Repeat MOBILITY AND SELF-CARE<br>LIMITATION STATUS AND AGE OF<br>PERSONS IN UNIT).....  | 34842.... | 2470.... | 1,2,1   |
|       | Renter occupied:<br>(Repeat RATIO OF INCOME IN 1989 TO<br>POVERTY LEVEL By MOBILITY AND<br>SELF-CARE LIMITATION STATUS AND<br>AGE OF PERSONS IN UNIT).....   | 34869.... | 2497.... | 2,1,1   |
| HA46. | UNITS IN STRUCTURE(6) BY BED-<br>ROOMS(6) (36)<br>Universe: Occupied housing units<br>1, detached:<br>No bedroom.....  | 34923.... | 2551.... | 1,1     |
|       | 1 bedroom.....   | 34932.... | 2560.... | 1,2     |
|       | 2 bedrooms.....  | 34941.... | 2569.... | 1,3     |
|       | 3 bedrooms.....  | 34950.... | 2578.... | 1,4     |
|       | 4 bedrooms.....  | 34959.... | 2587.... | 1,5     |
|       | 5 or more bedrooms.....  | 34968.... | 2596.... | 1,6     |
|       | 1, attached:<br>(Repeat BEDROOMS).....   | 34977.... | 2605.... | 2,1     |
|       | 2:<br>(Repeat BEDROOMS).....   | 35031.... | 2659.... | 3,1     |
|       | 3 or 4:<br>(Repeat BEDROOMS).....  | 35085.... | 2713.... | 4,1     |
|       | 5 or more:<br>(Repeat BEDROOMS).....   | 35139.... | 2767.... | 5,1     |
|       | Mobile home, trailer, or other:<br>(Repeat BEDROOMS).....  | 35193.... | 2821.... | 6,1     |
| HA47. | AGE(5) BY UNITS IN STRUCTURE(6) BY   |           |          |         |

|  |           |          |       |
|--|-----------|----------|-------|
| BEDROOMS(6) (180)  |           |          |       |
| Universe: Persons in occupied housing units                                |           |          |       |
| Under 5 years:   |           |          |       |
| 1, detached:   |           |          |       |
| No bedroom.....  | 35247.... | 2875.... | 1,1,1 |
| 1 bedroom.....   | 35256.... | 2884.... | 1,1,2 |
| 2 bedrooms.....  | 35265.... | 2893.... | 1,1,3 |
| 3 bedrooms.....  | 35274.... | 2902.... | 1,1,4 |
| 4 bedrooms.....  | 35283.... | 2911.... | 1,1,5 |
| 5 or more bedrooms.....  | 35292.... | 2920.... | 1,1,6 |
| 1, attached:   |           |          |       |
| (Repeat BEDROOMS).....   | 35301.... | 2929.... | 1,2,1 |
| 2:   |           |          |       |
| (Repeat BEDROOMS).....   | 35355.... | 2983.... | 1,3,1 |
| 3 or 4:  |           |          |       |
| (Repeat BEDROOMS).....   | 35409.... | 3037.... | 1,4,1 |
| 5 or more:   |           |          |       |
| (Repeat BEDROOMS).....   | 35463.... | 3091.... | 1,5,1 |
| Mobile home, trailer, or other   |           |          |       |
| (Repeat BEDROOMS).....   | 35517.... | 3145.... | 1,6,1 |
| 5 to 10 years:   |           |          |       |
| (Repeat UNITS IN STRUCTURE By BEDROOMS).....                               | 35571.... | 3199.... | 2,1,1 |
| 11 to 13 years:  |           |          |       |
| (Repeat UNITS IN STRUCTURE By BEDROOMS).....                               | 35895.... | 3523.... | 3,1,1 |
| 14 to 17 years:  |           |          |       |
| (Repeat UNITS IN STRUCTURE By BEDROOMS).....                               | 36219.... | 3847.... | 4,1,1 |
| 18 years and over  |           |          |       |
| (Repeat UNITS IN STRUCTURE By BEDROOMS).....                               | 36543.... | 4171.... | 5,1,1 |
| HA48. IMPUTATION OF HOUSING ITEMS(2) BY OCCUPANCY STATUS AND TENURE(3) (6) |           |          |       |
| Universe: Housing units  |           |          |       |
| No items allocated:  |           |          |       |
| Owner occupied.....  | 36867.... | 4495.... | 1,1   |
| Renter occupied.....   | 36876.... | 4504.... | 1,2   |
| Vacant.....  | 36885.... | 4513.... | 1,3   |
| One or more Items allocated:   |           |          |       |
| (Repeat OCCUPANCY STATUS AND TENURE).....                                  | 36894.... | 4522.... | 2,1   |
| HA49. IMPUTATION OF UNITS IN STRUCTURE(11) (11)                            |           |          |       |
| Universe: Housing units  |           |          |       |
| Allocated.....   | 36921.... | 4549.... | 1     |
| Not allocated:   |           |          |       |
| 1, detached.....   | 36930.... | 4558.... | 2     |
| 1, attached.....   | 36939.... | 4567.... | 3     |

|       |  |           |          |    |
|-------|--|-----------|----------|----|
|       | 2.....   | 36948.... | 4576.... | 4  |
|       | 3 or 4.....                                      | 36957.... | 4585.... | 5  |
|       | 5 to 9.....                                      | 36966.... | 4594.... | 6  |
|       | 10 to 19.....                                    | 36975.... | 4603.... | 7  |
|       | 20 to 49.....                                    | 36984.... | 4612.... | 8  |
|       | 50 or more.....                                  | 36993.... | 4621.... | 9  |
|       | Mobile home or trailer.....                      | 37002.... | 4630.... | 10 |
|       | Other.....                                       | 37011.... | 4639.... | 11 |
| HA50. | IMPUTATION OF ROOMS(10) (10)                     |           |          |    |
|       | Universe: Housing units                          |           |          |    |
|       | Allocated.....                                   | 37020.... | 4648.... | 1  |
|       | Not allocated:                                   |           |          |    |
|       | 1 room.....                                      | 37029.... | 4657.... | 2  |
|       | 2 rooms.....                                     | 37038.... | 4666.... | 3  |
|       | 3 rooms.....                                     | 37047.... | 4675.... | 4  |
|       | 4 rooms.....                                     | 37056.... | 4684.... | 5  |
|       | 5 rooms.....                                     | 37065.... | 4693.... | 6  |
|       | 6 rooms.....                                     | 37074.... | 4702.... | 7  |
|       | 7 rooms.....                                     | 37083.... | 4711.... | 8  |
|       | 8 rooms.....                                     | 37092.... | 4720.... | 9  |
|       | 9 or more rooms.....                             | 37101.... | 4729.... | 10 |
| HA51. | IMPUTATION OF TENURE(3) (3)                      |           |          |    |
|       | Universe: Occupied housing units                 |           |          |    |
|       | Allocated.....                                   | 37110.... | 4738.... | 1  |
|       | Not allocated:                                   |           |          |    |
|       | Owner occupied.....                              | 37119.... | 4747.... | 2  |
|       | Renter occupied.....                             | 37128.... | 4756.... | 3  |
| HA52. | IMPUTATION OF VALUE(27) (27)                     |           |          |    |
|       | Universe: Specified owner-occupied housing units |           |          |    |
|       | Allocated.....                                   | 37137.... | 4765.... | 1  |
|       | Not allocated:                                   |           |          |    |
|       | Less than \$10,000.....                          | 37146.... | 4774.... | 2  |
|       | \$10,000 to \$14,999.....                        | 37155.... | 4783.... | 3  |
|       | \$15,000 to \$19,999.....                        | 37164.... | 4792.... | 4  |
|       | \$20,000 to \$24,999.....                        | 37173.... | 4801.... | 5  |
|       | \$25,000 to \$29,999.....                        | 37182.... | 4810.... | 6  |
|       | \$30,000 to \$34,999.....                        | 37191.... | 4819.... | 7  |
|       | \$35,000 to \$39,999.....                        | 37200.... | 4828.... | 8  |
|       | \$40,000 to \$44,999.....                        | 37209.... | 4837.... | 9  |
|       | \$45,000 to \$49,999.....                        | 37218.... | 4846.... | 10 |
|       | \$50,000 to \$54,999.....                        | 37227.... | 4855.... | 11 |
|       | \$55,000 to \$59,999.....                        | 37236.... | 4864.... | 12 |
|       | \$60,000 to \$64,999.....                        | 37245.... | 4873.... | 13 |
|       | \$65,000 to \$69,999.....                        | 37254.... | 4882.... | 14 |
|       | \$70,000 to \$74,999.....                        | 37263.... | 4891.... | 15 |
|       | \$75,000 to \$79,999.....                        | 37272.... | 4900.... | 16 |
|       | \$80,000 to \$89,999.....                        | 37281.... | 4909.... | 17 |

|                             |           |          |    |
|-----------------------------|-----------|----------|----|
| \$90,000 to \$99,999.....   | 37290.... | 4918.... | 18 |
| \$100,000 to \$124,999..... | 37299.... | 4927.... | 19 |
| \$125,000 to \$149,999..... | 37308.... | 4936.... | 20 |
| \$150,000 to \$174,999..... | 37317.... | 4945.... | 21 |
| \$175,000 to \$199,999..... | 37326.... | 4954.... | 22 |
| \$200,000 to \$249,999..... | 37335.... | 4963.... | 23 |
| \$250,000 to \$299,999..... | 37344.... | 4972.... | 24 |
| \$300,000 to \$399,999..... | 37353.... | 4981.... | 25 |
| \$400,000 to \$499,999..... | 37362.... | 4990.... | 26 |
| \$500,000 or more.....      | 37371.... | 4999.... | 27 |

HA53. IMPUTATION OF VALUE(19) (19)  
 Universe: Owner-occupied condominium  
 housing units

|                             |           |          |    |
|-----------------------------|-----------|----------|----|
| Allocated.....              | 37380.... | 5008.... | 1  |
| Not allocated:              |           |          |    |
| Less than \$50,000.....     | 37389.... | 5017.... | 2  |
| \$50,000 to \$54,999.....   | 37398.... | 5026.... | 3  |
| \$55,000 to \$59,999.....   | 37407.... | 5035.... | 4  |
| \$60,000 to \$64,999.....   | 37416.... | 5044.... | 5  |
| \$65,000 to \$69,999.....   | 37425.... | 5053.... | 6  |
| \$70,000 to \$74,999.....   | 37434.... | 5062.... | 7  |
| \$75,000 to \$79,999.....   | 37443.... | 5071.... | 8  |
| \$80,000 to \$89,999.....   | 37452.... | 5080.... | 9  |
| \$90,000 to \$99,999.....   | 37461.... | 5089.... | 10 |
| \$100,000 to \$124,999..... | 37470.... | 5098.... | 11 |
| \$125,000 to \$149,999..... | 37479.... | 5107.... | 12 |
| \$150,000 to \$174,999..... | 37488.... | 5116.... | 13 |
| \$175,000 to \$199,999..... | 37497.... | 5125.... | 14 |
| \$200,000 to \$249,999..... | 37506.... | 5134.... | 15 |
| \$250,000 to \$299,999..... | 37515.... | 5143.... | 16 |
| \$300,000 to \$399,999..... | 37524.... | 5152.... | 17 |
| \$400,000 to \$499,999..... | 37533.... | 5161.... | 18 |
| \$500,000 or more.....      | 37542.... | 5170.... | 19 |

HA54. IMPUTATION OF MEALS INCLUDED IN  
 RENT(3) (3)  
 Universe: Specified renter-occupied  
 housing units

|                    |           |          |   |
|--------------------|-----------|----------|---|
| With cash rent:    |           |          |   |
| Allocated.....     | 37551.... | 5179.... | 1 |
| Not allocated..... | 37560.... | 5188.... | 2 |
| No cash rent.....  | 37569.... | 5197.... | 3 |

HA55. IMPUTATION OF VACANCY STATUS(7) (7)  
 Universe: Vacant housing units

|                                   |           |          |   |
|-----------------------------------|-----------|----------|---|
| Allocated.....                    | 37578.... | 5206.... | 1 |
| Not allocated:                    |           |          |   |
| For rent.....                     | 37587.... | 5215.... | 2 |
| For sale only.....                | 37596.... | 5224.... | 3 |
| Rented or sold, not occupied..... | 37605.... | 5233.... | 4 |



|       |  |           |          |   |
|-------|--|-----------|----------|---|
|       | For seasonal, recreational, or<br>occasional use.....    | 37614.... | 5242.... | 5 |
|       | For migrant workers.....                                 | 37623.... | 5251.... | 6 |
|       | Other vacant.....  | 37632.... | 5260.... | 7 |
| HA56. | IMPUTATION OF BOARDED-UP STATUS(3) (3)                   |           |          |   |
|       | Universe: Vacant housing units                           |           |          |   |
|       | Allocated.....   | 37641.... | 5269.... | 1 |
|       | Not allocated:   |           |          |   |
|       | Boarded up.....  | 37650.... | 5278.... | 2 |
|       | Not boarded up.....                                      | 37659.... | 5287.... | 3 |
| HA57. | IMPUTATION OF DURATION OF VACANCY(7) (7)                 |           |          |   |
|       | Universe: Vacant housing units                           |           |          |   |
|       | Allocated.....   | 37668.... | 5296.... | 1 |
|       | Not allocated:   |           |          |   |
|       | Less than 1 month.....                                   | 37677.... | 5305.... | 2 |
|       | 1 up to 2 months.....                                    | 37686.... | 5314.... | 3 |
|       | 2 up to 6 months.....                                    | 37695.... | 5323.... | 4 |
|       | 6 up to 12 months.....                                   | 37704.... | 5332.... | 5 |
|       | 1 up to 2 years.....                                     | 37713.... | 5341.... | 6 |
|       | 2 or more years.....                                     | 37722.... | 5350.... | 7 |
| HA58. | IMPUTATION OF YEAR HOUSEHOLDER MOVED<br>INTO UNIT(7) (7) |           |          |   |
|       | Universe: Occupied housing units                         |           |          |   |
|       | Allocated.....   | 37731.... | 5359.... | 1 |
|       | Not allocated:   |           |          |   |
|       | 1989 to March 1990.....                                  | 37740.... | 5368.... | 2 |
|       | 1985 to 1988.....  | 37749.... | 5377.... | 3 |
|       | 1980 to 1984.....  | 37758.... | 5386.... | 4 |
|       | 1970 to 1979.....  | 37767.... | 5395.... | 5 |
|       | 1960 to 1969.....  | 37776.... | 5404.... | 6 |
|       | 1959 or earlier.....                                     | 37785.... | 5413.... | 7 |
| HA59. | IMPUTATION OF BEDROOMS(7) (7)                            |           |          |   |
|       | Universe: Housing units                                  |           |          |   |
|       | Allocated.....   | 37794.... | 5422.... | 1 |
|       | Not allocated:   |           |          |   |
|       | No bedroom.....  | 37803.... | 5431.... | 2 |
|       | 1 bedroom.....   | 37812.... | 5440.... | 3 |
|       | 2 bedrooms.....  | 37821.... | 5449.... | 4 |
|       | 3 bedrooms.....  | 37830.... | 5458.... | 5 |
|       | 4 bedrooms.....  | 37839.... | 5467.... | 6 |
|       | 5 or more bedrooms.....                                  | 37848.... | 5476.... | 7 |
| HA60. | IMPUTATION OF PLUMBING FACILITIES(3) (3)                 |           |          |   |
|       | Universe: Housing units                                  |           |          |   |
|       | Allocated.....   | 37857.... | 5485.... | 1 |
|       | Not allocated:   |           |          |   |
|       | Complete plumbing facilities.....                        | 37866.... | 5494.... | 2 |

|       |  |           |          |    |
|-------|--|-----------|----------|----|
|       | Lacking complete plumbing facilities.....  | 37875.... | 5503.... | 3  |
| HA61. | IMPUTATION OF KITCHEN FACILITIES(3) (3)<br>Universe: Housing units                 |           |          |    |
|       | Allocated.....   | 37884.... | 5512.... | 1  |
|       | Not allocated:   |           |          |    |
|       | Complete kitchen facilities.....   | 37893.... | 5521.... | 2  |
| HA62. | IMPUTATION OF TELEPHONE IN HOUSING UNIT(3) (3)<br>Universe: Occupied housing units |           |          |    |
|       | Allocated.....   | 37911.... | 5539.... | 1  |
|       | Not allocated:   |           |          |    |
|       | With telephone.....  | 37920.... | 5548.... | 2  |
|       | No telephone.....  | 37929.... | 5557.... | 3  |
| HA63. | IMPUTATION OF VEHICLES AVAILABLE(9) (9)<br>Universe: Occupied housing units        |           |          |    |
|       | Allocated.....   | 37938.... | 5566.... | 1  |
|       | Not allocated:   |           |          |    |
|       | None.....  | 37947.... | 5575.... | 2  |
|       | 1.....   | 37956.... | 5584.... | 3  |
|       | 2.....   | 37965.... | 5593.... | 4  |
|       | 3.....   | 37974.... | 5602.... | 5  |
|       | 4.....   | 37983.... | 5611.... | 6  |
|       | 5.....   | 37992.... | 5620.... | 7  |
|       | 6.....   | 38001.... | 5629.... | 8  |
|       | 7 or more.....   | 38010.... | 5638.... | 9  |
| HA64. | IMPUTATION OF HOUSE HEATING FUEL(10) (10)<br>Universe: Occupied housing units      |           |          |    |
|       | Allocated.....   | 38019.... | 5647.... | 1  |
|       | Not allocated:   |           |          |    |
|       | Utility gas.....   | 38028.... | 5656.... | 2  |
|       | Bottled, tank, or LP gas.....  | 38037.... | 5665.... | 3  |
|       | Electricity.....   | 38046.... | 5674.... | 4  |
|       | Fuel oil, kerosene, etc.....   | 38055.... | 5683.... | 5  |
|       | Coal or coke.....  | 38064.... | 5692.... | 6  |
|       | Wood.....  | 38073.... | 5701.... | 7  |
|       | Solar energy.....  | 38082.... | 5710.... | 8  |
|       | Other fuel.....  | 38091.... | 5719.... | 9  |
|       | No fuel used.....  | 38100.... | 5728.... | 10 |
| HA65. | IMPUTATION OF SOURCE OF WATER(5) (5)<br>Universe: Housing units                    |           |          |    |
|       | Allocated.....   | 38109.... | 5737.... | 1  |
|       | Not allocated:   |           |          |    |
|       | Public system or private company..   | 38118.... | 5746.... | 2  |
|       | Individual well:   |           |          |    |
|       | Drilled.....   | 38127.... | 5755.... | 3  |

|       |   |           |          |   |
|-------|---|-----------|----------|---|
|       | Dug.....  | 38136.... | 5764.... | 4 |
|       | Some other source.....                              | 38145.... | 5773.... | 5 |
| HA66. | IMPUTATION OF SEWAGE DISPOSAL(4) (4)                |           |          |   |
|       | Universe: Housing units                             |           |          |   |
|       | Allocated.....                                      | 38154.... | 5782.... | 1 |
|       | Not allocated:                                      |           |          |   |
|       | Public sewer.....                                   | 38163.... | 5791.... | 2 |
|       | Septic tank or cesspool.....                        | 38172.... | 5800.... | 3 |
|       | Other means.....                                    | 38181.... | 5809.... | 4 |
| HA67. | IMPUTATION OF YEAR STRUCTURE BUILT(9) (9)           |           |          |   |
|       | Universe: Housing units                             |           |          |   |
|       | Allocated.....                                      | 38190.... | 5818.... | 1 |
|       | Not allocated:                                      |           |          |   |
|       | 1989 to March 1990.....                             | 38199.... | 5827.... | 2 |
|       | 1985 to 1988.....                                   | 38208.... | 5836.... | 3 |
|       | 1980 to 1984.....                                   | 38217.... | 5845.... | 4 |
|       | 1970 to 1979.....                                   | 38226.... | 5854.... | 5 |
|       | 1960 to 1969.....                                   | 38235.... | 5863.... | 6 |
|       | 1950 to 1959.....                                   | 38244.... | 5872.... | 7 |
|       | 1940 to 1949.....                                   | 38253.... | 5881.... | 8 |
|       | 1939 or earlier.....                                | 38262.... | 5890.... | 9 |
| HA68. | IMPUTATION OF CONDOMINIUM STATUS(3) (3)             |           |          |   |
|       | Universe: Occupied housing units                    |           |          |   |
|       | Allocated.....                                      | 38271.... | 5899.... | 1 |
|       | Not allocated:                                      |           |          |   |
|       | Condominium.....                                    | 38280.... | 5908.... | 2 |
|       | Not condominium.....                                | 38289.... | 5917.... | 3 |
| HA69. | FILLER(3) (3)                                       |           |          |   |
|       | Filler.....   | 38298.... | 5926.... | 1 |
|       | Filler.....   | 38307.... | 5935.... | 2 |
|       | Filler.....   | 38316.... | 5944.... | 3 |
| HA70. | FILLER(4) (4)                                       |           |          |   |
|       | Filler.....   | 38325.... | 5953.... | 1 |
|       | Filler.....   | 38334.... | 5962.... | 2 |
|       | Filler.....   | 38343.... | 5971.... | 3 |
|       | Filler.....   | 38352.... | 5980.... | 4 |
| HA71. | IMPUTATION OF MORTGAGE STATUS(3) (3)                |           |          |   |
|       | Universe: Specified owner-occupied<br>Housing units |           |          |   |
|       | Allocated.....                                      | 38361.... | 5989.... | 1 |
|       | Not allocated:                                      |           |          |   |
|       | With a mortgage.....                                | 38370.... | 5998.... | 2 |
|       | Not mortgaged.....                                  | 38379.... | 6007.... | 3 |
| HA72. | IMPUTATION OF SECOND MORTGAGE OR HOME               |           |          |   |

EQUITY LOAN STATUS(3) (3)  
 Universe: Specified owner-occupied housing units

|   |           |          |   |
|---|-----------|----------|---|
| Allocated.....                                | 38388.... | 6016.... | 1 |
| Not allocated:                                |           |          |   |
| With second mortgage or home equity loan..... | 38397.... | 6025.... | 2 |
| No second mortgage or home equity loan.....   | 38406.... | 6034.... | 3 |

HA73. IMPUTATION OF MORTGAGE STATUS AND  
 SELECTED MONTHLY OWNER COSTS(32) (32)

Universe: Specified owner-occupied housing units

|                         |           |          |    |
|-------------------------|-----------|----------|----|
| Allocated.....          | 38415.... | 6043.... | 1  |
| Not allocated:          |           |          |    |
| With a mortgage:        |           |          |    |
| Less than \$200.....    | 38424.... | 6052.... | 2  |
| \$200 to \$249.....     | 38433.... | 6061.... | 3  |
| \$250 to \$299.....     | 38442.... | 6070.... | 4  |
| \$300 to \$349.....     | 38451.... | 6079.... | 5  |
| \$350 to \$399.....     | 38460.... | 6088.... | 6  |
| \$400 to \$449.....     | 38469.... | 6097.... | 7  |
| \$450 to \$499.....     | 38478.... | 6106.... | 8  |
| \$500 to \$549.....     | 38487.... | 6115.... | 9  |
| \$550 to \$599.....     | 38496.... | 6124.... | 10 |
| \$600 to \$649.....     | 38505.... | 6133.... | 11 |
| \$650 to \$699.....     | 38514.... | 6142.... | 12 |
| \$700 to \$749.....     | 38523.... | 6151.... | 13 |
| \$750 to \$799.....     | 38532.... | 6160.... | 14 |
| \$800 to \$849.....     | 38541.... | 6169.... | 15 |
| \$850 to \$899.....     | 38550.... | 6178.... | 16 |
| \$900 to \$949.....     | 38559.... | 6187.... | 17 |
| \$950 to \$999.....     | 38568.... | 6196.... | 18 |
| \$1,000 to \$1,249..... | 38577.... | 6205.... | 19 |
| \$1,250 to \$1,499..... | 38586.... | 6214.... | 20 |
| \$1,500 to \$1,999..... | 38595.... | 6223.... | 21 |
| \$2,000 or more.....    | 38604.... | 6232.... | 22 |
| Not mortgaged:          |           |          |    |
| Less than \$100.....    | 38613.... | 6241.... | 23 |
| \$100 to \$149.....     | 38622.... | 6250.... | 24 |
| \$150 to \$199.....     | 38631.... | 6259.... | 25 |
| \$200 to \$249.....     | 38640.... | 6268.... | 26 |
| \$250 to \$299.....     | 38649.... | 6277.... | 27 |
| \$300 to \$349.....     | 38658.... | 6286.... | 28 |
| \$350 to \$399.....     | 38667.... | 6295.... | 29 |
| \$400 to \$449.....     | 38676.... | 6304.... | 30 |
| \$450 to \$499.....     | 38685.... | 6313.... | 31 |
| \$500 or more.....      | 38694.... | 6322.... | 32 |

HA74. IMPUTATION OF MORTGAGE STATUS AND

SELECTED MONTHLY OWNER COSTS(27) (27)  
 Universe: Owner-occupied condominium  
 housing units

|                      |           |          |    |
|----------------------|-----------|----------|----|
| Allocated.....       | 38703.... | 6331.... | 1  |
| Not allocated:       |           |          |    |
| With a mortgage:     |           |          |    |
| Less than \$200..... | 38712.... | 6340.... | 2  |
| \$200 to \$299.....  | 38721.... | 6349.... | 3  |
| \$300 to \$349.....  | 38730.... | 6358.... | 4  |
| \$350 to \$399.....  | 38739.... | 6367.... | 5  |
| \$400 to \$449.....  | 38748.... | 6376.... | 6  |
| \$450 to \$499.....  | 38757.... | 6385.... | 7  |
| \$500 to \$549.....  | 38766.... | 6394.... | 8  |
| \$550 to \$599.....  | 38775.... | 6403.... | 9  |
| \$600 to \$649.....  | 38784.... | 6412.... | 10 |
| \$650 to \$699.....  | 38793.... | 6421.... | 11 |
| \$700 to \$749.....  | 38802.... | 6430.... | 12 |
| \$750 to \$799.....  | 38811.... | 6439.... | 13 |
| \$800 to \$849.....  | 38820.... | 6448.... | 14 |
| \$850 to \$899.....  | 38829.... | 6457.... | 15 |
| \$900 to \$999.....  | 38838.... | 6466.... | 16 |
| \$1,000 or more..... | 38847.... | 6475.... | 17 |
| Not mortgaged:       |           |          |    |
| Less than \$100..... | 38856.... | 6484.... | 18 |
| \$100 to \$149.....  | 38865.... | 6493.... | 19 |
| \$150 to \$199.....  | 38874.... | 6502.... | 20 |
| \$200 to \$249.....  | 38883.... | 6511.... | 21 |
| \$250 to \$299.....  | 38892.... | 6520.... | 22 |
| \$300 to \$349.....  | 38901.... | 6529.... | 23 |
| \$350 to \$399.....  | 38910.... | 6538.... | 24 |
| \$400 to \$449.....  | 38919.... | 6547.... | 25 |
| \$450 to \$499.....  | 38928.... | 6556.... | 26 |
| \$500 or more.....   | 38937.... | 6565.... | 27 |

HA75. IMPUTATION OF MORTGAGE STATUS AND  
 SELECTED MONTHLY OWNER COSTS(20) (20)  
 Universe: Owner-occupied mobile homes  
 or trailers

|                      |           |          |    |
|----------------------|-----------|----------|----|
| Allocated.....       | 38946.... | 6574.... | 1  |
| Not allocated:       |           |          |    |
| With a mortgage:     |           |          |    |
| Less than \$100..... | 38955.... | 6583.... | 2  |
| \$100 to \$149.....  | 38964.... | 6592.... | 3  |
| \$150 to \$199.....  | 38973.... | 6601.... | 4  |
| \$200 to \$249.....  | 38982.... | 6610.... | 5  |
| \$250 to \$299.....  | 38991.... | 6619.... | 6  |
| \$300 to \$349.....  | 39000.... | 6628.... | 7  |
| \$350 to \$399.....  | 39009.... | 6637.... | 8  |
| \$400 to \$449.....  | 39018.... | 6646.... | 9  |
| \$450 to \$499.....  | 39027.... | 6655.... | 10 |
| \$500 to \$749.....  | 39036.... | 6664.... | 11 |

|       |   |           |          |    |
|-------|---|-----------|----------|----|
|       | \$750 or more.....                                | 39045.... | 6673.... | 12 |
|       | Not mortgaged:                                    |           |          |    |
|       | Less than \$100.....                              | 39054.... | 6682.... | 13 |
|       | \$100 to \$149.....                               | 39063.... | 6691.... | 14 |
|       | \$150 to \$199.....                               | 39072.... | 6700.... | 15 |
|       | \$200 to \$249.....                               | 39081.... | 6709.... | 16 |
|       | \$250 to \$299.....                               | 39090.... | 6718.... | 17 |
|       | \$300 to \$349.....                               | 39099.... | 6727.... | 18 |
|       | \$350 to \$399.....                               | 39108.... | 6736.... | 19 |
|       | \$400 or more.....                                | 39117.... | 6745.... | 20 |
| HA76. | IMPUTATION OF GROSS RENT(28) (28)                 |           |          |    |
|       | Universe: Specified renter-occupied housing units |           |          |    |
|       | Allocated.....                                    | 39126.... | 6754.... | 1  |
|       | Not allocated:                                    |           |          |    |
|       | With cash rent:                                   |           |          |    |
|       | Less than \$80.....                               | 39135.... | 6763.... | 2  |
|       | \$80 to \$99.....                                 | 39144.... | 6772.... | 3  |
|       | \$100 to \$124.....                               | 39153.... | 6781.... | 4  |
|       | \$125 to \$149.....                               | 39162.... | 6790.... | 5  |
|       | \$150 to \$174.....                               | 39171.... | 6799.... | 6  |
|       | \$175 to \$199.....                               | 39180.... | 6808.... | 7  |
|       | \$200 to \$224.....                               | 39189.... | 6817.... | 8  |
|       | \$225 to \$249.....                               | 39198.... | 6826.... | 9  |
|       | \$250 to \$274.....                               | 39207.... | 6835.... | 10 |
|       | \$275 to \$299.....                               | 39216.... | 6844.... | 11 |
|       | \$300 to \$324.....                               | 39225.... | 6853.... | 12 |
|       | \$325 to \$349.....                               | 39234.... | 6862.... | 13 |
|       | \$350 to \$374.....                               | 39243.... | 6871.... | 14 |
|       | \$375 to \$399.....                               | 39252.... | 6880.... | 15 |
|       | \$400 to \$424.....                               | 39261.... | 6889.... | 16 |
|       | \$425 to \$449.....                               | 39270.... | 6898.... | 17 |
|       | \$450 to \$474.....                               | 39279.... | 6907.... | 18 |
|       | \$475 to \$499.....                               | 39288.... | 6916.... | 19 |
|       | \$500 to \$549.....                               | 39297.... | 6925.... | 20 |
|       | \$550 to \$599.....                               | 39306.... | 6934.... | 21 |
|       | \$600 to \$649.....                               | 39315.... | 6943.... | 22 |
|       | \$650 to \$699.....                               | 39324.... | 6952.... | 23 |
|       | \$700 to \$749.....                               | 39333.... | 6961.... | 24 |
|       | \$750 to \$999.....                               | 39342.... | 6970.... | 25 |
|       | \$1,000 to \$1,999.....                           | 39351.... | 6979.... | 26 |
|       | \$2,000 or more.....                              | 39360.... | 6988.... | 27 |
|       | No cash rent.....                                 | 39369.... | 6997.... | 28 |
|       | Filler.....                                       | 39378.... | 7006     |    |
|       | End of Record                                     |           |          |    |
| PB1.  | PERSONS(1) (1)                                    |           |          |    |
|       | Universe: Persons                                 |           |          |    |
|       | Total.....  | 301....   | 301....  | 1  |

|       |                        |          |          |      |
|-------|------------------------|----------|----------|------|
| PB2.  | FAMILIES(1) (1)        |          |          |      |
|       | Universe: Families     |          |          |      |
|       | Total.....             | 310..... | 310..... | 1    |
| PB3.  | HOUSEHOLDS(1) (1)      |          |          |      |
|       | Universe: Households   |          |          |      |
|       | Total.....             | 319..... | 319..... | 1    |
| PB4.  | SEX(2) (2)             |          |          |      |
|       | Universe: Persons      |          |          |      |
|       | Male.....              | 328..... | 328..... | 1    |
|       | Female.....            | 337..... | 337..... | 2    |
| PB5.  | SEX(2) BY AGE(31) (62) |          |          |      |
|       | Universe: Persons      |          |          |      |
|       | Male:                  |          |          |      |
|       | Under 1 year.....      | 346..... | 346..... | 1,1  |
|       | 1 and 2 years.....     | 355..... | 355..... | 1,2  |
|       | 3 and 4 years.....     | 364..... | 364..... | 1,3  |
|       | 5 years.....           | 373..... | 373..... | 1,4  |
|       | 6 years.....           | 382..... | 382..... | 1,5  |
|       | 7 to 9 years.....      | 391..... | 391..... | 1,6  |
|       | 10 and 11 years.....   | 400..... | 400..... | 1,7  |
|       | 12 and 13 years.....   | 409..... | 409..... | 1,8  |
|       | 14 years.....          | 418..... | 418..... | 1,9  |
|       | 15 years.....          | 427..... | 427..... | 1,10 |
|       | 16 years.....          | 436..... | 436..... | 1,11 |
|       | 17 years.....          | 445..... | 445..... | 1,12 |
|       | 18 years.....          | 454..... | 454..... | 1,13 |
|       | 19 years.....          | 463..... | 463..... | 1,14 |
|       | 20 years.....          | 472..... | 472..... | 1,15 |
|       | 21 years.....          | 481..... | 481..... | 1,16 |
|       | 22 to 24 years.....    | 490..... | 490..... | 1,17 |
|       | 25 to 29 years.....    | 499..... | 499..... | 1,18 |
|       | 30 to 34 years.....    | 508..... | 508..... | 1,19 |
|       | 35 to 39 years.....    | 517..... | 517..... | 1,20 |
|       | 40 to 44 years.....    | 526..... | 526..... | 1,21 |
|       | 45 to 49 years.....    | 535..... | 535..... | 1,22 |
|       | 50 to 54 years.....    | 544..... | 544..... | 1,23 |
|       | 55 to 59 years.....    | 553..... | 553..... | 1,24 |
|       | 60 and 61 years.....   | 562..... | 562..... | 1,25 |
|       | 62 to 64 years.....    | 571..... | 571..... | 1,26 |
|       | 65 to 69 years.....    | 580..... | 580..... | 1,27 |
|       | 70 to 74 years.....    | 589..... | 589..... | 1,28 |
|       | 75 to 79 years.....    | 598..... | 598..... | 1,29 |
|       | 80 to 84 years.....    | 607..... | 607..... | 1,30 |
|       | 85 years and over..... | 616..... | 616..... | 1,31 |
|       | Female:                |          |          |      |
|       | (Repeat AGE).....      | 625..... | 625..... | 2,1  |
| PB5A. | MEDIAN AGE(1) (1)      |          |          |      |

|       |   |          |          |     |
|-------|---|----------|----------|-----|
|       | 1 implied decimal(s)                                  |          |          |     |
|       | Universe: Persons                                     |          |          |     |
|       | Median age.....                                       | 904....  | 904....  | 1   |
| PB5B. | MEDIAN AGE(1) BY SEX(2) (2)                           |          |          |     |
|       | 1 implied decimal(s)                                  |          |          |     |
|       | Universe: Persons                                     |          |          |     |
|       | Median age:   |          |          |     |
|       | Male.....   | 913....  | 913....  | 1,1 |
|       | Female.....   | 922....  | 922....  | 1,2 |
| PB6.  | HOUSEHOLD TYPE AND RELATIONSHIP(17) (17)              |          |          |     |
|       | Universe: Persons                                     |          |          |     |
|       | In family households:                                 |          |          |     |
|       | Householder:  |          |          |     |
|       | Male.....   | 931....  | 931....  | 1   |
|       | Female.....   | 940....  | 940....  | 2   |
|       | Spouse.....   | 949....  | 949....  | 3   |
|       | Child:  |          |          |     |
|       | Natural-born or adopted.....                          | 958....  | 958....  | 4   |
|       | Step.....   | 967....  | 967....  | 5   |
|       | Grandchild.....                                       | 976....  | 976....  | 6   |
|       | Son-in-law or daughter-in-law.....                    | 985....  | 985....  | 7   |
|       | Father/mother or father-in-law/<br>mother-in-law..... | 994....  | 994....  | 8   |
|       | Other relatives.....                                  | 1003.... | 1003.... | 9   |
|       | Nonrelatives.....                                     | 1012.... | 1012.... | 10  |
|       | In nonfamily households:                              |          |          |     |
|       | Male householder:                                     |          |          |     |
|       | Living alone.....                                     | 1021.... | 1021.... | 11  |
|       | Not living alone.....                                 | 1030.... | 1030.... | 12  |
|       | Female householder:                                   |          |          |     |
|       | Living alone.....                                     | 1039.... | 1039.... | 13  |
|       | Not living alone.....                                 | 1048.... | 1048.... | 14  |
|       | Nonrelatives.....                                     | 1057.... | 1057.... | 15  |
|       | In group quarters:                                    |          |          |     |
|       | Institutionalized persons.....                        | 1066.... | 1066.... | 16  |
|       | Other persons in group quarters...                    | 1075.... | 1075.... | 17  |
| PB7.  | PERSONS IN HOUSEHOLDS(7) (7)                          |          |          |     |
|       | Universe: Households                                  |          |          |     |
|       | 1 person.....   | 1084.... | 1084.... | 1   |
|       | 2 persons.....  | 1093.... | 1093.... | 2   |
|       | 3 persons.....  | 1102.... | 1102.... | 3   |
|       | 4 persons.....  | 1111.... | 1111.... | 4   |
|       | 5 persons.....  | 1120.... | 1120.... | 5   |
|       | 6 persons.....  | 1129.... | 1129.... | 6   |
|       | 7 or more persons.....                                | 1138.... | 1138.... | 7   |
| PB8.  | PERSONS IN FAMILY(6) (6)                              |          |          |     |
|       | Universe: Families                                    |          |          |     |



|       |   |          |          |    |
|-------|---|----------|----------|----|
|       | 2 persons.....  | 1147.... | 1147.... | 1  |
|       | 3 persons.....  | 1156.... | 1156.... | 2  |
|       | 4 persons.....  | 1165.... | 1165.... | 3  |
|       | 5 persons.....  | 1174.... | 1174.... | 4  |
|       | 6 persons.....  | 1183.... | 1183.... | 5  |
|       | 7 or more persons.....                                  | 1192.... | 1192.... | 6  |
| PB9.  | FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN(12) (12)   |          |          |    |
|       | Universe: Families                                      |          |          |    |
|       | Married-couple family:                                  |          |          |    |
|       | With own children under 18 years:                       |          |          |    |
|       | Under 6 years only.....                                 | 1201.... | 1201.... | 1  |
|       | 6 to 17 years only.....                                 | 1210.... | 1210.... | 2  |
|       | Under 6 years and 6 to 17 years.                        | 1219.... | 1219.... | 3  |
|       | No own children under 18 years....                      | 1228.... | 1228.... | 4  |
|       | Other family:   |          |          |    |
|       | Male householder, no wife present:                      |          |          |    |
|       | With own children under 18 years:                       |          |          |    |
|       | Under 6 years only.....                                 | 1237.... | 1237.... | 5  |
|       | 6 to 17 years only.....                                 | 1246.... | 1246.... | 6  |
|       | Under 6 years and 6 to 17 years.....                    | 1255.... | 1255.... | 7  |
|       | No own children under 18 years..                        | 1264.... | 1264.... | 8  |
|       | Female householder, no husband present:                 |          |          |    |
|       | With own children under 18 years:                       |          |          |    |
|       | Under 6 years only.....                                 | 1273.... | 1273.... | 9  |
|       | 6 to 17 years only.....                                 | 1282.... | 1282.... | 10 |
|       | Under 6 years and 6 to 17 years.....                    | 1291.... | 1291.... | 11 |
|       | No own children under 18 years..                        | 1300.... | 1300.... | 12 |
| PB10. | SUBFAMILY TYPE AND PRESENCE OF CHILDREN(4) (4)          |          |          |    |
|       | Universe: Subfamilies                                   |          |          |    |
|       | Married-couple subfamily:                               |          |          |    |
|       | With own children under 18 years..                      | 1309.... | 1309.... | 1  |
|       | No own children under 18 years....                      | 1318.... | 1318.... | 2  |
|       | Mother-child subfamily.....                             | 1327.... | 1327.... | 3  |
|       | Father-child subfamily.....                             | 1336.... | 1336.... | 4  |
| PB11. | RELATIONSHIP, FAMILY TYPE, AND SUB-FAMILY TYPE(22) (22) |          |          |    |
|       | Universe: Persons under 18 years                        |          |          |    |
|       | Householder or spouse.....                              | 1345.... | 1235.... | 1  |
|       | Own child of family householder:                        |          |          |    |
|       | In married-couple family.....                           | 1354.... | 1354.... | 2  |
|       | In other family:  |          |          |    |
|       | Male householder, no wife present.....                  | 1363.... | 1363.... | 3  |
|       | Female householder, no husband                          |          |          |    |

|  |          |          |    |
|--|----------|----------|----|
| present.....   | 1372.... | 1372.... | 4  |
| Own child of subfamily reference person:                     |          |          |    |
| In married-couple subfamily:                                 |          |          |    |
| In married-couple family.....                                | 1381.... | 1381.... | 5  |
| In other family:   |          |          |    |
| Male householder, no wife present.....                       | 1390.... | 1390.... | 6  |
| Female householder, no husband present.....                  | 1399.... | 1399.... | 7  |
| In parent-child subfamily:                                   |          |          |    |
| Mother-child subfamily:                                      |          |          |    |
| In married-couple family.....                                | 1408.... | 1408.... | 8  |
| In other family:   |          |          |    |
| Male householder, no wife present.....                       | 1417.... | 1417.... | 9  |
| Female householder, no husband present.....                  | 1426.... | 1426.... | 10 |
| Father-child subfamily:                                      |          |          |    |
| In married-couple family.....                                | 1435.... | 1435.... | 11 |
| In other family:   |          |          |    |
| Male householder, no wife present.....                       | 1444.... | 1444.... | 12 |
| Female householder, no husband present.....                  | 1453.... | 1453.... | 13 |
| Other relatives:   |          |          |    |
| In married-couple family.....                                | 1462.... | 1462.... | 14 |
| In other family:   |          |          |    |
| Male householder, no wife present                            | 1471.... | 1471.... | 15 |
| Female householder, no husband present.....                  | 1480.... | 1480.... | 16 |
| Nonrelatives:  |          |          |    |
| In households:   |          |          |    |
| In family households:  |          |          |    |
| Married-couple family households.....                        | 1489.... | 1489.... | 17 |
| Other family households:                                     |          |          |    |
| Male householder, no wife present.....                       | 1498.... | 1498.... | 18 |
| Female householder, no husband present.....                  | 1507.... | 1507.... | 19 |
| In nonfamily households.....                                 | 1516.... | 1516.... | 20 |
| In group quarters:   |          |          |    |
| Institutionalized persons.....                               | 1525.... | 1525.... | 21 |
| Other persons in group quarters...                           | 1534.... | 1534.... | 22 |
| <br>PB12. HOUSEHOLD TYPE AND SEX OF HOUSEHOLD MEMBERS(4) (4) |          |          |    |
| Universe: Households   |          |          |    |
| Unmarried-partner households:                                |          |          |    |
| Male and female partners.....                                | 1543.... | 1543.... | 1  |

|       |                                      |          |          |     |
|-------|--------------------------------------|----------|----------|-----|
|       | Both partners male.....              | 1552.... | 1552.... | 2   |
|       | Both partners female.....            | 1561.... | 1561.... | 3   |
|       | Other households.....                | 1570.... | 1570.... | 4   |
| PB13. | TENURE(2) BY HOUSEHOLD TYPE(2) (4)   |          |          |     |
|       | Universe: Households                 |          |          |     |
|       | Owner occupied:                      |          |          |     |
|       | Households with subfamilies.....     | 1579.... | 1579.... | 1,1 |
|       | Households with no subfamilies....   | 1588.... | 1588.... | 1,2 |
|       | Renter occupied:                     |          |          |     |
|       | (Repeat HOUSEHOLD TYPE).....         | 1597.... | 1597.... | 2,1 |
| PB14. | HOUSEHOLD TYPE(2) (2)                |          |          |     |
|       | Universe: Households                 |          |          |     |
|       | Households with related members 15   |          |          |     |
|       | years and over other than spouse,    |          |          |     |
|       | children, parents, or parents-in-    |          |          |     |
|       | law of householder.....              | 1615.... | 1615.... | 1   |
|       | Households with no related members   |          |          |     |
|       | 15 years and over other than         |          |          |     |
|       | spouse, children, parents, or        |          |          |     |
|       | parents-in-law of householder.....   | 1624.... | 1624.... | 2   |
| PB15. | HOUSEHOLD TYPE(2) (2)                |          |          |     |
|       | Universe: Households                 |          |          |     |
|       | Households with 1 or more non-       |          |          |     |
|       | relatives.....                       | 1633.... | 1633.... | 1   |
|       | Households with no nonrelatives..... | 1642.... | 1642.... | 2   |
| PB16. | HOUSEHOLD TYPE(2) (2)                |          |          |     |
|       | Universe: Households                 |          |          |     |
|       | Households with roomer, boarder, or  |          |          |     |
|       | foster child 15 years and over....   | 1651.... | 1651.... | 1   |
|       | Households with no roomer, boarder,  |          |          |     |
|       | or foster child 15 years and over..  | 1660.... | 1660.... | 2   |
| PB17. | AGE(3) BY HOUSEHOLD TYPE AND         |          |          |     |
|       | RELATIONSHIP(11) (33)                |          |          |     |
|       | Universe: Persons 60 years and over  |          |          |     |
|       | 60 to 64 years:                      |          |          |     |
|       | In households:                       |          |          |     |
|       | In family households:                |          |          |     |
|       | Householder:                         |          |          |     |
|       | Child of householder not             |          |          |     |
|       | present.....                         | 1669.... | 1669.... | 1,1 |
|       | Child of householder present         | 1678.... | 1678.... | 1,2 |
|       | Spouse.....                          | 1687.... | 1687.... | 1,3 |
|       | Other relatives.....                 | 1696.... | 1696.... | 1,4 |
|       | Nonrelatives.....                    | 1705.... | 1705.... | 1,5 |
|       | In nonfamily households:             |          |          |     |
|       | Householder living alone.....        | 1714.... | 1714.... | 1,6 |

|  |          |          |      |
|--|----------|----------|------|
| Householder not living alone..                 | 1723.... | 1723.... | 1,7  |
| Nonrelatives.....                              | 1732.... | 1732.... | 1,8  |
| In group quarters:                             |          |          |      |
| Institutionalized persons:                     |          |          |      |
| In nursing homes.....                          | 1741.... | 1741.... | 1,9  |
| Other institutionalized                        |          |          |      |
| persons.....                                   | 1750.... | 1750.... | 1,10 |
| Other persons in group quarters.               | 1759.... | 1759.... | 1,11 |
| 65 to 74 years:                                |          |          |      |
| (Repeat HOUSEHOLD TYPE AND                     |          |          |      |
| RELATIONSHIP).....                             | 1768.... | 1768.... | 2,1  |
| 75 years and over:                             |          |          |      |
| (Repeat HOUSEHOLD TYPE AND                     |          |          |      |
| RELATIONSHIP).....                             | 1867.... | 1867.... | 3,1  |
| PB18. HOUSEHOLD TYPE AND RELATIONSHIP(31) (31) |          |          |      |
| Universe: Persons in households                |          |          |      |
| In family households:                          |          |          |      |
| Householder.....                               | 1966.... | 1966.... | 1    |
| Spouse.....                                    | 1975.... | 1975.... | 2    |
| Related child under 18 years:                  |          |          |      |
| Own child:                                     |          |          |      |
| In married-couple family.....                  | 1984.... | 1984.... | 3    |
| In other family:                               |          |          |      |
| Male householder, no wife                      |          |          |      |
| present.....                                   | 1993.... | 1993.... | 4    |
| Female householder, no                         |          |          |      |
| husband present.....                           | 2002.... | 2002.... | 5    |
| Grandchild:                                    |          |          |      |
| In married-couple family.....                  | 2011.... | 2011.... | 6    |
| In other family:                               |          |          |      |
| Male householder, no wife                      |          |          |      |
| present.....                                   | 2020.... | 2020.... | 7    |
| Female householder, no                         |          |          |      |
| husband present.....                           | 2029.... | 2029.... | 8    |
| Other related child:                           |          |          |      |
| In married-couple family.....                  | 2038.... | 2038.... | 9    |
| In other family:                               |          |          |      |
| Male householder, no wife                      |          |          |      |
| present.....                                   | 2047.... | 2047.... | 10   |
| Female householder, no                         |          |          |      |
| husband present.....                           | 2056.... | 2056.... | 11   |
| Child of householder 18 years and              |          |          |      |
| over:  |          |          |      |
| In married-couple family.....                  | 2065.... | 2065.... | 12   |
| In other family:                               |          |          |      |
| Male householder, no wife                      |          |          |      |
| present.....                                   | 2074.... | 2074.... | 13   |
| Female householder, no husband                 |          |          |      |
| present.....                                   | 2083.... | 2083.... | 14   |
| Son-in-law or daughter-in-law:                 |          |          |      |

|   |          |          |    |
|---|----------|----------|----|
| In married-couple family.....                     | 2092.... | 2092.... | 15 |
| In other family:                                  |          |          |    |
| Male householder, no wife<br>present.....         | 2101.... | 2101.... | 16 |
| Female householder, no husband<br>present.....    | 2110.... | 2110.... | 17 |
| Father/mother or father-in-law/<br>mother-in-law: |          |          |    |
| In married-couple family.....                     | 2119.... | 2119.... | 18 |
| In other family:                                  |          |          |    |
| Male householder, no wife<br>present.....         | 2128.... | 2128.... | 19 |
| Female householder, no husband<br>present.....    | 2137.... | 2137.... | 20 |
| Other relatives:                                  |          |          |    |
| In married-couple family.....                     | 2146.... | 2146.... | 21 |
| In other family:                                  |          |          |    |
| Male householder, no wife<br>present.....         | 2155.... | 2155.... | 22 |
| Female householder, no husband<br>present.....    | 2164.... | 2164.... | 23 |
| Nonrelatives:                                     |          |          |    |
| In married-couple family.....                     | 2173.... | 2173.... | 24 |
| In other family:                                  |          |          |    |
| Male householder, no wife<br>present.....         | 2182.... | 2182.... | 25 |
| Female householder, no husband<br>present.....    | 2191.... | 2191.... | 26 |
| In nonfamily households:                          |          |          |    |
| Householder.....                                  | 2200.... | 2200.... | 27 |
| Nonrelatives:                                     |          |          |    |
| Roomer, boarder, or foster child                  | 2209.... | 2209.... | 28 |
| Housemate or roommate.....                        | 2218.... | 2218.... | 29 |
| Unmarried partner.....                            | 2227.... | 2227.... | 30 |
| Other nonrelatives.....                           | 2236.... | 2236.... | 31 |

PB19. YEAR OF ENTRY(10) (10)

|                                |          |          |    |
|--------------------------------|----------|----------|----|
| Universe: Foreign-born persons |          |          |    |
| 1987 to 1990.....              | 2245.... | 2245.... | 1  |
| 1985 or 1986.....              | 2254.... | 2254.... | 2  |
| 1982 to 1984.....              | 2263.... | 2263.... | 3  |
| 1980 or 1981.....              | 2272.... | 2272.... | 4  |
| 1975 to 1979.....              | 2281.... | 2281.... | 5  |
| 1970 to 1974.....              | 2290.... | 2290.... | 6  |
| 1965 to 1969.....              | 2299.... | 2299.... | 7  |
| 1960 to 1964.....              | 2308.... | 2308.... | 8  |
| 1950 to 1959.....              | 2317.... | 2317.... | 9  |
| Before 1950.....               | 2326.... | 2326.... | 10 |

PB20. NATIVITY, YEAR OF ENTRY, AND  
CITIZENSHIP(7) (7)

|       |   |          |          |     |
|-------|---|----------|----------|-----|
|       | Universe: Persons   |          |          |     |
|       | Native.....   | 2335.... | 2335.... | 1   |
|       | Foreign born:   |          |          |     |
|       | Immigrated 1980 to 1990:  |          |          |     |
|       | Naturalized citizen.....  | 2344.... | 2344.... | 2   |
|       | Not a citizen.....  | 2353.... | 2353.... | 3   |
|       | Immigrated 1965 to 1979:  |          |          |     |
|       | Naturalized citizen.....  | 2362.... | 2362.... | 4   |
|       | Not a citizen.....  | 2371.... | 2371.... | 5   |
|       | Immigrated before 1965:   |          |          |     |
|       | Naturalized citizen.....  | 2380.... | 2380.... | 6   |
|       | Not a citizen.....  | 2389.... | 2389.... | 7   |
| PB21. | AGE(6) BY LANGUAGE SPOKEN AT HOME<br>AND ABILITY TO SPEAK ENGLISH(5) (30)   |          |          |     |
|       | Universe: Persons 5 years and over  |          |          |     |
|       | 5 to 17 years:  |          |          |     |
|       | Speak only English.....   | 2398.... | 2398.... | 1,1 |
|       | Speak a language other than English:  |          |          |     |
|       | Speak English "very well".....  | 2407.... | 2407.... | 1,2 |
|       | Speak English "well".....   | 2416.... | 2416.... | 1,3 |
|       | Speak English "not well".....   | 2425.... | 2425.... | 1,4 |
|       | Speak English "not at all".....   | 2434.... | 2434.... | 1,5 |
|       | 18 to 44 years:   |          |          |     |
|       | (Repeat LANGUAGE SPOKEN AT HOME<br>AND ABILITY TO SPEAK ENGLISH)....  | 2443.... | 2443.... | 2,1 |
|       | 45 to 59 years:   |          |          |     |
|       | (Repeat LANGUAGE SPOKEN AT HOME<br>AND ABILITY TO SPEAK ENGLISH)....  | 2488.... | 2488.... | 3,1 |
|       | 60 to 64 years:   |          |          |     |
|       | (Repeat LANGUAGE SPOKEN AT HOME<br>AND ABILITY TO SPEAK ENGLISH)....  | 2533.... | 2533.... | 4,1 |
|       | 65 to 74 years:   |          |          |     |
|       | (Repeat LANGUAGE SPOKEN AT HOME<br>AND ABILITY TO SPEAK ENGLISH)....  | 2578.... | 2578.... | 5,1 |
|       | 75 years and over:  |          |          |     |
|       | (Repeat LANGUAGE SPOKEN AT HOME<br>AND ABILITY TO SPEAK ENGLISH)....  | 2623.... | 2623.... | 6,1 |
| PB22. | LINGUISTIC ISOLATION(6) (6)   |          |          |     |
|       | Universe: Households  |          |          |     |
|       | Not linguistically isolated:  |          |          |     |
|       | All persons 14 years and over in<br>household speak only English.....   | 2668.... | 2668.... | 1   |
|       | At least one person 14 years and<br>over in household, but not all,<br>speaks only English.....   | 2677.... | 2677.... | 2   |
|       | All persons 14 years and over in<br>household speak a language other<br>than English, and at least one<br>person 14 years and over speaks |          |          |     |

|   |          |          |    |
|---|----------|----------|----|
| English "very well".....  | 2686.... | 2686.... | 3  |
| Linguistically isolated:  |          |          |    |
| All persons 14 years and over in household speak a language other than English, no person 14 years and over in household speaks English "very well," and at least one person 14 years and over in household speaks English "well".. | 2695.... | 2695.... | 4  |
| All persons 14 years and over in household speak a language other than English, no person 14 years and over in household speaks English "very well" or "well":  |          |          |    |
| At least one person 14 years and over in household speaks English "not well".....   | 2704.... | 2704.... | 5  |
| No person 14 years and over in household speaks any English at all.....   | 2713.... | 2713.... | 6  |
| <br>PB23. LINGUISTIC ISOLATION AND AGE(19) (19)   |          |          |    |
| Universe: Persons 5 years and   |          |          |    |
| Persons in households:  |          |          |    |
| In English language only households:  |          |          |    |
| 5 to 17 years.....  | 2722.... | 2722.... | 1  |
| 18 to 44 years.....   | 2731.... | 2731.... | 2  |
| 45 to 59 years.....   | 2740.... | 2740.... | 3  |
| 60 to 64 years.....   | 2749.... | 2749.... | 4  |
| 65 to 74 years.....   | 2758.... | 2758.... | 5  |
| 75 years and over.....  | 2767.... | 2767.... | 6  |
| In households with 1 or more persons that speak a language other than English:  |          |          |    |
| Linguistically isolated:  |          |          |    |
| 5 to 17 years.....  | 2776.... | 2776.... | 7  |
| 18 to 44 years.....   | 2785.... | 2785.... | 8  |
| 45 to 59 years.....   | 2794.... | 2794.... | 9  |
| 60 to 64 years.....   | 2803.... | 2803.... | 10 |
| 65 to 74 years.....   | 2812.... | 2812.... | 11 |
| 75 years and over.....  | 2821.... | 2821.... | 12 |
| Not linguistically isolated:  |          |          |    |
| 5 to 17 years.....  | 2830.... | 2830.... | 13 |
| 18 to 44 years.....   | 2839.... | 2839.... | 14 |
| 45 to 59 years.....   | 2848.... | 2848.... | 15 |
| 60 to 64 years.....   | 2857.... | 2857.... | 16 |
| 65 to 74 years.....   | 2866.... | 2866.... | 17 |
| 75 years and over.....  | 2875.... | 2875.... | 18 |
| Persons in group quarters.....  | 2884.... | 2884.... | 19 |

|       |  |           |           |        |
|-------|--|-----------|-----------|--------|
| PB24. | SEX(2) BY MARITAL STATUS(5) BY<br>AGE(12) (120)                                    |           |           |        |
|       | Universe: Persons 15 years and over  |           |           |        |
|       | Male:  |           |           |        |
|       | Never married:   |           |           |        |
|       | 15 to 17 years.....  | 2893..... | 2893..... | 1,1,1  |
|       | 18 and 19 years.....   | 2902..... | 2902..... | 1,1,2  |
|       | 20 to 24 years.....  | 2911..... | 2911..... | 1,1,3  |
|       | 25 to 29 years.....  | 2920..... | 2920..... | 1,1,4  |
|       | 30 to 34 years.....  | 2929..... | 2929..... | 1,1,5  |
|       | 35 to 44 years.....  | 2938..... | 2938..... | 1,1,6  |
|       | 45 to 54 years.....  | 2947..... | 2947..... | 1,1,7  |
|       | 55 to 59 years.....  | 2956..... | 2956..... | 1,1,8  |
|       | 60 to 64 years.....  | 2965..... | 2965..... | 1,1,9  |
|       | 65 to 74 years.....  | 2974..... | 2974..... | 1,1,10 |
|       | 75 to 84 years.....  | 2983..... | 2983..... | 1,1,11 |
|       | 85 years and over.....   | 2992..... | 2992..... | 1,1,12 |
|       | Now married, except separated:   |           |           |        |
|       | (Repeat AGE).....  | 3001..... | 3001..... | 1,2,1  |
|       | Separated:   |           |           |        |
|       | (Repeat AGE).....  | 3109..... | 3109..... | 1,3,1  |
|       | Widowed:   |           |           |        |
|       | (Repeat AGE).....  | 3217..... | 3217..... | 1,4,1  |
|       | Divorced:  |           |           |        |
|       | (Repeat AGE).....  | 3325..... | 3325..... | 1,5,1  |
|       | Female:  |           |           |        |
|       | (Repeat MARITAL STATUS By AGE)....   | 3433..... | 3433..... | 2,1,1  |
| PB25. | MARITAL STATUS(2) BY AGE(4) (8)  |           |           |        |
|       | Universe: Females 15 years and over  |           |           |        |
|       | Never married:   |           |           |        |
|       | 15 to 24 years.....  | 3973..... | 3973..... | 1,1    |
|       | 25 to 34 years.....  | 3982..... | 3982..... | 1,2    |
|       | 35 to 44 years.....  | 3991..... | 3991..... | 1,3    |
|       | 45 years and over.....   | 4000..... | 4000..... | 1,4    |
|       | Ever married:  |           |           |        |
|       | (Repeat AGE).....  | 4009..... | 4009..... | 2,1    |
| PB26. | AGGREGATE NUMBER OF CHILDREN EVER<br>BORN(1) BY MARITAL STATUS(2) BY<br>AGE(4) (8) |           |           |        |
|       | Universe: Females 15 years and over  |           |           |        |
|       | Total:   |           |           |        |
|       | Never married:   |           |           |        |
|       | 15 to 24 years.....  | 4045..... | 4045..... | 1,1,1  |
|       | 25 to 34 years.....  | 4054..... | 4054..... | 1,1,2  |
|       | 35 to 44 years.....  | 4063..... | 4063..... | 1,1,3  |
|       | 45 years and over.....   | 4072..... | 4072..... | 1,1,4  |
|       | Ever married:  |           |           |        |
|       | (Repeat AGE).....  | 4081..... | 4081..... | 1,2,1  |



|       |                                      |          |          |     |
|-------|--------------------------------------|----------|----------|-----|
| PB27. | AGE(4) BY CHILDREN EVER BORN(6) (24) |          |          |     |
|       | Universe: Females 15 years and over  |          |          |     |
|       | 15 to 24 years:                      |          |          |     |
|       | No children.....                     | 4117.... | 4117.... | 1,1 |
|       | 1 child.....                         | 4126.... | 4126.... | 1,2 |
|       | 2 children.....                      | 4135.... | 4135.... | 1,3 |
|       | 3 children.....                      | 4144.... | 4144.... | 1,4 |
|       | 4 children.....                      | 4153.... | 4153.... | 1,5 |
|       | 5 or more children.....              | 4162.... | 4162.... | 1,6 |
|       | 25 to 34 years:                      |          |          |     |
|       | (Repeat CHILDREN EVER BORN).....     | 4171.... | 4171.... | 2,1 |
|       | 35 to 44 years:                      |          |          |     |
|       | (Repeat CHILDREN EVER BORN).....     | 4225.... | 4225.... | 3,1 |
|       | 45 years and over:                   |          |          |     |
|       | (Repeat CHILDREN EVER BORN).....     | 4279.... | 4279.... | 4,1 |
| PB28. | NATIVITY AND PLACE OF BIRTH(13) (13) |          |          |     |
|       | Universe: Persons                    |          |          |     |
|       | Native (001-099):                    |          |          |     |
|       | Born in State of residence.....      | 4333.... | 4333.... | 1   |
|       | Born in other State in the United    |          |          |     |
|       | States (001-059):.....               | .....    |          |     |
|       | Northeast (009, 023, 025, 033-034,   |          |          |     |
|       | 036, 042-044, 050).....              | 4342.... | 4342.... | 2   |
|       | Midwest (017-020, 026-027, 029,      |          |          |     |
|       | 031, 038-039, 046, 055).....         | 4351.... | 4351.... | 3   |
|       | South (001, 005, 010-014, 021-       |          |          |     |
|       | 022, 024, 028, 037, 040, 045,        |          |          |     |
|       | 047-048, 051-052, 054).....          | 4360.... | 4360.... | 4   |
|       | West (002-004, 006-008, 015-016,     |          |          |     |
|       | 030, 032, 035, 041, 049, 053,        |          |          |     |
|       | 056-059).....                        | 4369.... | 4369.... | 5   |
|       | Born outside the United States       |          |          |     |
|       | (060-099):                           |          |          |     |
|       | Puerto Rico (072-075).....           | 4378.... | 4378.... | 6   |
|       | Virgin Islands of the United         |          |          |     |
|       | States (078).....                    | 4387.... | 4387.... | 7   |
|       | American Samoa (060-065).....        | 4396.... | 4396.... | 8   |
|       | Guam (066).....                      | 4405.... | 4405.... | 9   |
|       | Commonwealth of the Northern         |          |          |     |
|       | Marianas (069-070).....              | 4414.... | 4414.... | 10  |
|       | Other U.S. outlying area (067-       |          |          |     |
|       | 068, 071, 076-077, 079-099)....      | 4423.... | 4423.... | 11  |
|       | Born abroad of American              |          |          |     |
|       | parent(s).....                       | 4432.... | 4432.... | 12  |
|       | Foreign born (100-999).....          | 4441.... | 4441.... | 13  |
| PB29. | AGE(3) BY RESIDENCE IN 1985-STATE    |          |          |     |
|       | AND COUNTY LEVEL(10) (30)            |          |          |     |
|       | Universe: Persons 60 years and over  |          |          |     |
|       | 60 to 64 years:                      |          |          |     |

|       |  |          |          |      |
|-------|--|----------|----------|------|
|       | Same house in 1985.....  | 4450.... | 4450.... | 1,1  |
|       | Different house in United States<br>in 1985:.....  | .....    |          |      |
|       | Same county.....   | 4459.... | 4459.... | 1,2  |
|       | Different county:  |          |          |      |
|       | Same State.....  | 4468.... | 4468.... | 1,3  |
|       | Different State:   |          |          |      |
|       | Northeast.....   | 4477.... | 4477.... | 1,4  |
|       | Midwest.....   | 4486.... | 4486.... | 1,5  |
|       | South.....   | 4495.... | 4495.... | 1,6  |
|       | West.....  | 4504.... | 4504.... | 1,7  |
|       | Abroad in 1985:  |          |          |      |
|       | Puerto Rico.....   | 4513.... | 4513.... | 1,8  |
|       | U.S. outlying area.....  | 4522.... | 4522.... | 1,9  |
|       | Foreign country.....   | 4531.... | 4531.... | 1,10 |
|       | 65 to 74 years:  |          |          |      |
|       | (Repeat RESIDENCE IN 1985-STATE<br>AND COUNTY LEVEL).....  | 4540.... | 4540.... | 2,1  |
|       | 75 years and over:   |          |          |      |
|       | (Repeat RESIDENCE IN 1985-STATE<br>AND COUNTY LEVEL).....  | 4630.... | 4630.... | 3,1  |
| PB30. | RESIDENCE IN 1985-STATE, COUNTY,<br>AND PLACE LEVEL(12) (12)<br>Universe: Persons 5 years and over |          |          |      |
|       | Same house in 1985.....  | 4720.... | 4720.... | 1    |
|       | Different house in the United States<br>in 1985:   |          |          |      |
|       | Same city or town:   |          |          |      |
|       | Same county.....   | 4729.... | 4729.... | 2    |
|       | Different county (same State)...   | 4738.... | 4738.... | 3    |
|       | Elsewhere:   |          |          |      |
|       | Same county.....   | 4747.... | 4747.... | 4    |
|       | Different county:  |          |          |      |
|       | Same State.....  | 4756.... | 4756.... | 5    |
|       | Different State:   |          |          |      |
|       | Northeast.....   | 4765.... | 4765.... | 6    |
|       | Midwest.....   | 4774.... | 4774.... | 7    |
|       | South.....   | 4783.... | 4783.... | 8    |
|       | West.....  | 4792.... | 4792.... | 9    |
|       | Abroad in 1985:  |          |          |      |
|       | Puerto Rico.....   | 4801.... | 4801.... | 10   |
|       | U.S. outlying area.....  | 4810.... | 4810.... | 11   |
|       | Foreign country.....   | 4819.... | 4819.... | 12   |
| PB31. | RESIDENCE IN 1985-MSA/PMSA LEVEL(21) (21)<br>Universe: Persons 5 years and over                    |          |          |      |
|       | Living in an MSA/PMSA in 1990:   |          |          |      |
|       | Same house in 1985:  |          |          |      |
|       | Central city of this MSA/PMSA...   | 4828.... | 4828.... | 1    |
|       | Remainder of this MSA/PMSA.....  | 4837.... | 4837.... | 2    |

|   |          |          |    |
|---|----------|----------|----|
| Different house in United States<br>in 1985:                  |          |          |    |
| This MSA/PMSA in 1985:  |          |          |    |
| Moved within same central city                                | 4846.... | 4846.... | 3  |
| Moved between central cities..                                | 4855.... | 4855.... | 4  |
| Moved from central city to<br>remainder of this MSA/PMSA...   | 4864.... | 4864.... | 5  |
| Moved from remainder of this<br>MSA/PMSA to central city..... | 4873.... | 4873.... | 6  |
| Moved within remainder of this<br>MSA/PMSA.....               | 4882.... | 4882.... | 7  |
| Different MSA/PMSA in 1985:                                   |          |          |    |
| Central city.....   | 4891.... | 4891.... | 8  |
| Remainder of different MSA/<br>PMSA.....                      | 4900.... | 4900.... | 9  |
| Not in an MSA/PMSA in 1985:                                   |          |          |    |
| Same State.....   | 4909.... | 4909.... | 10 |
| Different State.....  | 4918.... | 4918.... | 11 |
| Abroad in 1985:   |          |          |    |
| Puerto Rico.....  | 4927.... | 4927.... | 12 |
| Elsewhere.....  | 4936.... | 4936.... | 13 |
| Not living in an MSA/PMSA in 1990:                            |          |          |    |
| Same house in 1985.....                                       | 4945.... | 4945.... | 14 |
| Different house in United States<br>in 1985:                  |          |          |    |
| In an MSA/PMSA in 1985:                                       |          |          |    |
| Central city.....   | 4954.... | 4954.... | 15 |
| Remainder of MSA/PMSA.....                                    | 4963.... | 4963.... | 16 |
| Not in an MSA/PMSA in 1985:                                   |          |          |    |
| Same county.....  | 4972.... | 4972.... | 17 |
| Different county:   |          |          |    |
| Same State.....   | 4981.... | 4981.... | 18 |
| Different State.....  | 4990.... | 4990.... | 19 |
| Abroad in 1985:   |          |          |    |
| Puerto Rico.....  | 4999.... | 4999.... | 20 |
| Elsewhere.....  | 5008.... | 5008.... | 21 |
| PB32. PLACE OF WORK-STATE AND COUNTY<br>LEVEL(3) (3)          |          |          |    |
| Universe: Workers 16 years and over                           |          |          |    |
| Worked in State of residence:                                 |          |          |    |
| Worked in county of residence.....                            | 5017.... | 5017.... | 1  |
| Worked outside county of residence                            | 5026.... | 5026.... | 2  |
| Worked outside State of residence...                          | 5035.... | 5035.... | 3  |
| PB33. PLACE OF WORK-PLACE LEVEL(3) (3)                        |          |          |    |
| Universe: Workers 16 years and over                           |          |          |    |
| Living in a place:  |          |          |    |
| Worked in place of residence.....                             | 5044.... | 5044.... | 1  |
| Worked outside place of residence.                            | 5053.... | 5053.... | 2  |
| Not living in a place.....                                    | 5062.... | 5062.... | 3  |

|       |  |          |          |    |
|-------|--|----------|----------|----|
| PB34. | PLACE OF WORK-MSA/PMSA LEVEL(8) (8)                      |          |          |    |
|       | Universe: Workers 16 years and over                      |          |          |    |
|       | Living in an MSA/PMSA:                                   |          |          |    |
|       | Worked in MSA/PMSA of residence:                         |          |          |    |
|       | Central city.....  | 5071.... | 5071.... | 1  |
|       | Remainder of this MSA/PMSA.....                          | 5080.... | 5080.... | 2  |
|       | Worked outside MSA/PMSA of residence:                    |          |          |    |
|       | Worked in a different MSA/PMSA:                          |          |          |    |
|       | Central city.....  | 5089.... | 5089.... | 3  |
|       | Remainder of different MSA/<br>PMSA.....                 | 5098.... | 5098.... | 4  |
|       | Worked outside any MSA/PMSA.....                         | 5107.... | 5107.... | 5  |
|       | Not living in an MSA/PMSA:                               |          |          |    |
|       | Worked in an MSA/PMSA:                                   |          |          |    |
|       | Central city.....  | 5116.... | 5116.... | 6  |
|       | Remainder of MSA/PMSA.....                               | 5125.... | 5125.... | 7  |
|       | Worked outside any MSA/PMSA.....                         | 5134.... | 5134.... | 8  |
| PB35. | PLACE OF WORK-MINOR CIVIL DIVISION<br>LEVEL(3) (3)       |          |          |    |
|       | Universe: Workers 16 years and over                      |          |          |    |
|       | Living in the 9 Northeastern States:                     |          |          |    |
|       | Worked in the minor civil division<br>of residence.....  | 5143.... | 5143.... | 1  |
|       | Worked outside minor civil division<br>of residence..... | 5152.... | 5152.... | 2  |
|       | Not living in the 9 Northeastern<br>States.....          | 5161.... | 5161.... | 3  |
| PB36. | MEANS OF TRANSPORTATION TO WORK(13) (13)                 |          |          |    |
|       | Universe: Workers 16 years and over                      |          |          |    |
|       | Car, truck, or van:                                      |          |          |    |
|       | Drove alone.....   | 5170.... | 5170.... | 1  |
|       | Carpooled.....   | 5179.... | 5179.... | 2  |
|       | Public transportation:                                   |          |          |    |
|       | Bus or trolley bus.....                                  | 5188.... | 5188.... | 3  |
|       | Streetcar or trolley car.....                            | 5197.... | 5197.... | 4  |
|       | Subway or elevated.....                                  | 6206.... | 5206.... | 5  |
|       | Railroad.....  | 5215.... | 5215.... | 6  |
|       | Ferryboat.....   | 5224.... | 5224.... | 7  |
|       | Taxicab.....   | 5233.... | 5233.... | 8  |
|       | Motorcycle.....  | 5242.... | 5242.... | 9  |
|       | Bicycle.....   | 5251.... | 5251.... | 10 |
|       | Walked.....  | 5260.... | 5260.... | 11 |
|       | Other means.....   | 5269.... | 5269.... | 12 |
|       | Worked at home.....                                      | 5278.... | 5278.... | 13 |
| PB37. | TRAVEL TIME TO WORK(13) (13)                             |          |          |    |
|       | Universe: Workers 16 years and over                      |          |          |    |
|       | Did not work at home:                                    |          |          |    |
|       | Less than 5 minutes.....                                 | 5287.... | 5287.... | 1  |

|                         |          |          |    |
|-------------------------|----------|----------|----|
| 5 to 9 minutes.....     | 5296.... | 5296.... | 2  |
| 10 to 14 minutes.....   | 5305.... | 5305.... | 3  |
| 15 to 19 minutes.....   | 5314.... | 5314.... | 4  |
| 20 to 24 minutes.....   | 5323.... | 5323.... | 5  |
| 25 to 29 minutes.....   | 5332.... | 5332.... | 6  |
| 30 to 34 minutes.....   | 5341.... | 5341.... | 7  |
| 35 to 39 minutes.....   | 5350.... | 5350.... | 8  |
| 40 to 44 minutes.....   | 5359.... | 5359.... | 9  |
| 45 to 59 minutes.....   | 5368.... | 5368.... | 10 |
| 60 to 89 minutes.....   | 5377.... | 5377.... | 11 |
| 90 or more minutes..... | 5386.... | 5386.... | 12 |
| Worked at home.....     | 5395.... | 5395.... | 13 |

PB38. AGGREGATE TRAVEL TIME TO WORK (IN MINUTES)(1) BY TRAVEL TIME TO WORK(4) BY MEANS OF TRANSPORTATION TO WORK(2) (8)

Universe: Workers 16 years and over who did not work at home

Total:

Less than 30 minutes:

|                            |          |          |       |
|----------------------------|----------|----------|-------|
| Public transportation..... | 5404.... | 5404.... | 1,1,1 |
| Other means.....           | 5413.... | 5413.... | 1,1,2 |

30 to 44 minutes:

|   |          |          |       |
|---|----------|----------|-------|
| (Repeat MEANS OF TRANSPORTATION TO WORK)..... | 5422.... | 5422.... | 1,2,1 |
|---|----------|----------|-------|

45 to 59 minutes:

|   |          |          |       |
|---|----------|----------|-------|
| (Repeat MEANS OF TRANSPORTATION TO WORK)..... | 5440.... | 5440.... | 1,3,1 |
|---|----------|----------|-------|

60 or more minutes:

|   |          |          |       |
|---|----------|----------|-------|
| (Repeat MEANS OF TRANSPORTATION TO WORK)..... | 5458.... | 5458.... | 1,4,1 |
|---|----------|----------|-------|

PB39. TIME LEAVING HOME TO GO TO WORK(15) (15)

Universe: Workers 16 years and over  
Did not work at home:

|                              |          |          |    |
|------------------------------|----------|----------|----|
| 12:00 a.m. to 4:59 a.m.....  | 5476.... | 5476.... | 1  |
| 5:00 a.m. to 5:29 a.m.....   | 5485.... | 5485.... | 2  |
| 5:30 a.m. to 5:59 a.m.....   | 5494.... | 5494.... | 3  |
| 6:00 a.m. to 6:29 a.m.....   | 5503.... | 5503.... | 4  |
| 6:30 a.m. to 6:59 a.m.....   | 5512.... | 5512.... | 5  |
| 7:00 a.m. to 7:29 a.m.....   | 5521.... | 5521.... | 6  |
| 7:30 a.m. to 7:59 a.m.....   | 5530.... | 5530.... | 7  |
| 8:00 a.m. to 8:29 a.m.....   | 5539.... | 5539.... | 8  |
| 8:30 a.m. to 8:59 a.m.....   | 5548.... | 5548.... | 9  |
| 9:00 a.m. to 9:59 am.....    | 5557.... | 5557.... | 10 |
| 10:00 a.m. to 10:59 a.m..... | 5566.... | 5566.... | 11 |
| 11:00 a.m. to 11:59 a.m..... | 5575.... | 5575.... | 12 |
| 12:00 p.m. to 3:59 p.m.....  | 5584.... | 5584.... | 13 |
| 4:00 p.m. to 11:59 p.m.....  | 5593.... | 5593.... | 14 |
| Worked at home.....          | 5602.... | 5602.... | 15 |

|       |  |          |          |       |
|-------|--|----------|----------|-------|
| PB40. | PRIVATE VEHICLE OCCUPANCY(9) (9)       |          |          |       |
|       | Universe: Workers 16 years and over    |          |          |       |
|       | Car, truck, or van:                    |          |          |       |
|       | Drove alone.....                       | 5611.... | 5611.... | 1     |
|       | Carpooled:                             |          |          |       |
|       | In 2-person carpool.....               | 5620.... | 5620.... | 2     |
|       | In 3-person carpool.....               | 5629.... | 5629.... | 3     |
|       | In 4-person carpool.....               | 5638.... | 5638.... | 4     |
|       | In 5-person carpool.....               | 5647.... | 5647.... | 5     |
|       | In 6-person carpool.....               | 5656.... | 5656.... | 6     |
|       | In 7-to-9-person carpool.....          | 5665.... | 5665.... | 7     |
|       | In 10-or-more-person carpool....       | 5674.... | 5674.... | 8     |
|       | Other means.....                       | 5683.... | 5683.... | 9     |
| PB41. | SEX(2) BY SCHOOL ENROLLMENT AND TYPE   |          |          |       |
|       | OF SCHOOL(7) (14)                      |          |          |       |
|       | Universe: Persons 3 years and over     |          |          |       |
|       | Male:                                  |          |          |       |
|       | Enrolled in preprimary school:         |          |          |       |
|       | Public school.....                     | 5692.... | 5692.... | 1,1   |
|       | Private school.....                    | 5701.... | 5701.... | 1,2   |
|       | Enrolled in elementary or high school: |          |          |       |
|       | Public school.....                     | 5710.... | 5710.... | 1,3   |
|       | Private school.....                    | 5719.... | 5719.... | 1,4   |
|       | Enrolled in college:                   |          |          |       |
|       | Public school.....                     | 5728.... | 5728.... | 1,5   |
|       | Private school.....                    | 5737.... | 5737.... | 1,6   |
|       | Not enrolled in school.....            | 5746.... | 5746.... | 1,7   |
|       | Female:                                |          |          |       |
|       | (Repeat SCHOOL ENROLLMENT AND TYPE     |          |          |       |
|       | OF SCHOOL).....                        | 5755.... | 5755.... | 2,1   |
| PB42. | SCHOOL ENROLLMENT(2) BY SEX(2) BY      |          |          |       |
|       | AGE(9) (36)                            |          |          |       |
|       | Universe: Persons 3 years and over     |          |          |       |
|       | Enrolled in school:                    |          |          |       |
|       | Male:                                  |          |          |       |
|       | 3 and 4 years.....                     | 5818.... | 5818.... | 1,1,1 |
|       | 5 and 6 years.....                     | 5827.... | 5827.... | 1,1,2 |
|       | 7 to 9 years.....                      | 5836.... | 5836.... | 1,1,3 |
|       | 10 to 14 years.....                    | 5845.... | 5845.... | 1,1,4 |
|       | 15 to 17 years.....                    | 5854.... | 5854.... | 1,1,5 |
|       | 18 and 19 years.....                   | 5863.... | 5863.... | 1,1,6 |
|       | 20 to 24 years.....                    | 5872.... | 5872.... | 1,1,7 |
|       | 25 to 34 years.....                    | 5881.... | 5881.... | 1,1,8 |
|       | 35 years and over.....                 | 5890.... | 5890.... | 1,1,9 |
|       | Female:                                |          |          |       |
|       | (Repeat AGE).....                      | 5899.... | 5899.... | 1,2,1 |
|       | Not enrolled in school:                |          |          |       |
|       | (Repeat SEX By AGE).....               | 5980.... | 5980.... | 2,1,1 |

|       |  |          |          |       |
|-------|--|----------|----------|-------|
| PB43. | COLLEGE ENROLLMENT(2) BY SEX(2) BY<br>AGE(2) (8)           |          |          |       |
|       | Universe: Persons 18 years and over                        |          |          |       |
|       | Enrolled in college:                                       |          |          |       |
|       | Male:  |          |          |       |
|       | 18 to 24 years.....  | 6142.... | 6142.... | 1,1,1 |
|       | 25 years and over.....                                     | 6151.... | 6151.... | 1,1,2 |
|       | Female:  |          |          |       |
|       | (Repeat AGE).....  | 6160.... | 6160.... | 1,2,1 |
|       | Not enrolled in college:                                   |          |          |       |
|       | (Repeat SEX By AGE).....                                   | 6178.... | 6178.... | 2,1,1 |
| PB44. | SEX(2) BY EDUCATIONAL ATTAINMENT(15)(30)                   |          |          |       |
|       | Universe: Persons 25 years and over                        |          |          |       |
|       | Male:  |          |          |       |
|       | No school or less than 1st grade..                         | 6214.... | 6214.... | 1,1   |
|       | 1st to 4th grade.....                                      | 6223.... | 6223.... | 1,2   |
|       | 5th to 8th grade.....                                      | 6232.... | 6232.... | 1,3   |
|       | 9th grade.....   | 6241.... | 6241.... | 1,4   |
|       | 10th grade.....  | 6250.... | 6250.... | 1,5   |
|       | 11th grade.....  | 6259.... | 6259.... | 1,6   |
|       | 12th grade, no diploma.....                                | 6268.... | 6268.... | 1,7   |
|       | High school graduate (includes<br>equivalency).....        | 6277.... | 6277.... | 1,8   |
|       | Some college, no degree.....                               | 6286.... | 6286.... | 1,9   |
|       | Associate degree in college<br>(occupational program)..... | 6295.... | 6295.... | 1,10  |
|       | Associate degree in college<br>(academic program).....     | 6304.... | 6304.... | 1,11  |
|       | Bachelor's degree.....                                     | 6313.... | 6313.... | 1,12  |
|       | Master's degree.....                                       | 6322.... | 6322.... | 1,13  |
|       | Professional school degree.....                            | 6331.... | 6331.... | 1,14  |
|       | Doctorate degree.....                                      | 6340.... | 6340.... | 1,15  |
|       | Female:  |          |          |       |
|       | (Repeat EDUCATIONAL ATTAINMENT)...                         | 6349.... | 6349.... | 2,1   |
| PB45. | SEX(2) BY AGE(8) BY EDUCATIONAL<br>ATTAINMENT(6) (96)      |          |          |       |
|       | Universe: Persons 18 years and over                        |          |          |       |
|       | Male:  |          |          |       |
|       | 18 to 24 years:  |          |          |       |
|       | Less than 9th grade.....                                   | 6484.... | 6484.... | 1,1,1 |
|       | 9th to 12th grade, no diploma...                           | 6493.... | 6493.... | 1,1,2 |
|       | High school graduate (includes<br>equivalency).....        | 6502.... | 6502.... | 1,1,3 |
|       | Some college, no degree or<br>associate degree.....        | 6511.... | 6511.... | 1,1,4 |
|       | Bachelor's degree.....                                     | 6520.... | 6520.... | 1,1,5 |
|       | Graduate or professional degree.                           | 6529.... | 6529.... | 1,1,6 |
|       | 25 to 34 years:  |          |          |       |
|       | (Repeat EDUCATIONAL ATTAINMENT)...                         | 6538.... | 6538.... | 1,2,1 |

|   |          |          |       |
|---|----------|----------|-------|
| 35 to 44 years:                             |          |          |       |
| (Repeat EDUCATIONAL ATTAINMENT).            | 6592.... | 6592.... | 1,3,1 |
| 45 to 54 years:                             |          |          |       |
| (Repeat EDUCATIONAL ATTAINMENT).            | 6646.... | 6646.... | 1,4,1 |
| 55 to 59 years:                             |          |          |       |
| (Repeat EDUCATIONAL ATTAINMENT).            | 6700.... | 6700.... | 1,5,1 |
| 60 to 64 years:                             |          |          |       |
| (Repeat EDUCATIONAL ATTAINMENT).            | 6754.... | 6754.... | 1,6.1 |
| 65 to 74 years:                             |          |          |       |
| (Repeat EDUCATIONAL ATTAINMENT).            | 6808.... | 6808.... | 1,7,1 |
| 75 years and over:                          |          |          |       |
| (Repeat EDUCATIONAL ATTAINMENT).            | 6862.... | 6862.... | 1,8,1 |
| Female:                                     |          |          |       |
| (Repeat AGE By EDUCATIONAL ATTAINMENT)..... | 6916.... | 6916.... | 2,1,1 |

PB46. SEX(2) BY AGE(4) BY SCHOOL ENROLLMENT, EDUCATIONAL ATTAINMENT, EMPLOYMENT STATUS(16) (128)

Universe: Persons 16 to 24 years

Male:

Persons 16 and 17 years:

In Armed Forces:

Enrolled in school:

|                              |          |          |       |
|------------------------------|----------|----------|-------|
| High school graduate.....    | 7348.... | 7348.... | 1,1,1 |
| Not high school graduate.... | 7357.... | 7357.... | 1,1,2 |

Not enrolled in school:

|                              |          |          |       |
|------------------------------|----------|----------|-------|
| High school graduate.....    | 7366.... | 7366.... | 1,1,3 |
| Not high school graduate.... | 7375.... | 7375.... | 1,1,4 |

Civilian:

Enrolled in school:

|                         |          |          |       |
|-------------------------|----------|----------|-------|
| High school graduate:   |          |          |       |
| Employed.....           | 7384.... | 7384.... | 1,1,5 |
| Unemployed.....         | 7393.... | 7393.... | 1,1,6 |
| Not in labor force..... | 7402.... | 7402.... | 1,1,7 |

Not high school graduate:

|                         |          |          |        |
|-------------------------|----------|----------|--------|
| Employed.....           | 7411.... | 7411.... | 1,1,8  |
| Unemployed.....         | 7420.... | 7420.... | 1,1,9  |
| Not in labor force..... | 7429.... | 7429.... | 1,1,10 |

Not enrolled in school:

|                         |          |          |        |
|-------------------------|----------|----------|--------|
| High school graduate:   |          |          |        |
| Employed.....           | 7438.... | 7438.... | 1,1,11 |
| Unemployed.....         | 7447.... | 7447.... | 1,1,12 |
| Not in labor force..... | 7456.... | 7456.... | 1,1,13 |

Not high school graduate:

|                         |          |          |        |
|-------------------------|----------|----------|--------|
| Employed.....           | 7465.... | 7465.... | 1,1,14 |
| Unemployed.....         | 7474.... | 7474.... | 1,1,15 |
| Not in labor force..... | 7483.... | 7483.... | 1,1,16 |

Persons 18 and 19 years:

(Repeat SCHOOL ENROLLMENT, EDUCATIONAL ATTAINMENT, AND



|   |          |          |       |
|---|----------|----------|-------|
| EMPLOYMENT STATUS).....   | 7492.... | 7492.... | 1,2,1 |
| Persons 20 and 21 years:  |          |          |       |
| (Repeat SCHOOL ENROLLMENT,<br>EDUCATIONAL ATTAINMENT, AND<br>EMPLOYMENT STATUS).....            | 7636.... | 7636.... | 1,3,1 |
| Persons 22 to 24 years:   |          |          |       |
| (Repeat SCHOOL ENROLLMENT,<br>EDUCATIONAL ATTAINMENT, AND<br>EMPLOYMENT STATUS).....            | 7780.... | 7780.... | 1,4,1 |
| Female:   |          |          |       |
| (Repeat AGE By SCHOOL ENROLLMENT,<br>EDUCATIONAL ATTAINMENT, AND<br>EMPLOYMENT STATUS).....     | 7924.... | 7924.... | 2,1,1 |
| Filler.....   | 8086.... | 8086     |       |
| End of Segment  |          |          |       |
| Female:   |          |          |       |
| (Repeat AGE By SCHOOL ENROLLMENT,<br>EDUCATIONAL ATTAINMENT, AND<br>EMPLOYMENT STATUS)-Con..... | 8394.... | 301....  | 2,2,3 |

PB47. FAMILY TYPE AND EMPLOYMENT STATUS(15) (15)

Universe: Families

Married-couple family:

Husband in labor force:

Husband employed or in Armed Forces:

Wife in labor force:

Wife employed or in Armed

Forces..... 8808.... 715.... 1

Wife unemployed..... 8817.... 724.... 2

Wife not in labor force..... 8826.... 733.... 3

Husband unemployed:

Wife in labor force:

Wife employed or in Armed

Forces..... 8835.... 742.... 4

Wife unemployed..... 8844.... 751.... 5

Wife not in labor force..... 8853.... 760.... 6

Husband not in labor force:

Wife in labor force:

Wife employed or in Armed

Forces..... 8862.... 769.... 7

Wife unemployed..... 8871.... 778.... 8

Wife not in labor force..... 8880.... 787.... 9

Other family:

Male householder, no wife present:

Householder in labor force:

Householder employed or in

Armed Forces..... 8889.... 796.... 10

Householder unemployed..... 8898.... 805.... 11

Householder not in labor force.. 8907.... 814.... 12

## Female householder, no husband present:

|                                  |          |         |    |
|----------------------------------|----------|---------|----|
| Householder in labor force:      |          |         |    |
| Householder employed or in       |          |         |    |
| Armed Forces.....                | 8916.... | 823.... | 13 |
| Householder unemployed.....      | 8925.... | 832.... | 14 |
| Householder not in labor force.. | 8934.... | 841.... | 15 |

PB48. SEX(2) BY HOUSEHOLD TYPE AND RELATIONSHIP AND EMPLOYMENT STATUS(15) (30)  
 Universe: Unrelated individuals 16 years and over

## Male:

## Nonfamily householder:

## Living alone:

|                                |          |         |     |
|--------------------------------|----------|---------|-----|
| Employed or in Armed Forces... | 8943.... | 850.... | 1,1 |
| Unemployed.....                | 8952.... | 859.... | 1,2 |
| Not in labor force.....        | 8961.... | 868.... | 1,3 |

## Not living alone:

|                                |          |         |     |
|--------------------------------|----------|---------|-----|
| Employed or in Armed Forces... | 8970.... | 877.... | 1,4 |
| Unemployed.....                | 8979.... | 886.... | 1,5 |
| Not in labor force.....        | 8988.... | 895.... | 1,6 |

## Other unrelated individuals:

## In family households:

|                                |          |         |     |
|--------------------------------|----------|---------|-----|
| Employed or in Armed Forces... | 8997.... | 904.... | 1,7 |
| Unemployed.....                | 9006.... | 913.... | 1,8 |
| Not in labor force.....        | 9015.... | 922.... | 1,9 |

## In nonfamily households:

|                                |          |         |      |
|--------------------------------|----------|---------|------|
| Employed or in Armed Forces... | 9024.... | 931.... | 1,10 |
| Unemployed.....                | 9033.... | 940.... | 1,11 |
| Not in labor force.....        | 9042.... | 949.... | 1,12 |

## In group quarters:

|                                |          |         |      |
|--------------------------------|----------|---------|------|
| Employed or in Armed Forces... | 9051.... | 958.... | 1,13 |
| Unemployed.....                | 9060.... | 967.... | 1,14 |
| Not in labor force.....        | 9069.... | 976.... | 1,15 |

## Female:

|   |          |         |     |
|---|----------|---------|-----|
| (Repeat HOUSEHOLD TYPE AND RELATIONSHIP AND EMPLOYMENT STATUS)..... | 9078.... | 985.... | 2,1 |
|---|----------|---------|-----|

PB49. HOUSEHOLD TYPE AND RELATIONSHIP, PRESENCE AND AGE OF CHILDREN, AND EMPLOYMENT STATUS(51) (51)

Universe: Females 16 years and over

## In family households:

## Householder or spouse in married-couple family:

## With own children under 18 years:

## Under 6 years only:

## In labor force:

|                                  |          |          |   |
|----------------------------------|----------|----------|---|
| Employed or in Armed Forces..... | 9213.... | 1120.... | 1 |
| Unemployed.....                  | 9222.... | 1129.... | 2 |

|   |          |          |    |
|---|----------|----------|----|
| Not in labor force.....                 | 9231.... | 1138.... | 3  |
| 6 to 17 years only:                     |          |          |    |
| In labor force:                         |          |          |    |
| Employed or in Armed Forces.....        | 9240.... | 1147.... | 4  |
| Unemployed.....                         | 9249.... | 1156.... | 5  |
| Not in labor force.....                 | 9258.... | 1165.... | 6  |
| Under 6 years and 6 to 17 years:        |          |          |    |
| In labor force:                         |          |          |    |
| Employed or in Armed Forces.....        | 9267.... | 1174.... | 7  |
| Unemployed.....                         | 9276.... | 1183.... | 8  |
| Not in labor force.....                 | 9285.... | 1192.... | 9  |
| No own children under 18 years..        | 9294.... | 1201.... | 10 |
| Female householder, no husband present: |          |          |    |
| With own children under 18 years:       |          |          |    |
| Under 6 years only:                     |          |          |    |
| In labor force:                         |          |          |    |
| Employed or in Armed Forces.....        | 9303.... | 1210.... | 11 |
| Unemployed.....                         | 9312.... | 1219.... | 12 |
| Not in labor force.....                 | 9321.... | 1228.... | 13 |
| 6 to 17 years only:                     |          |          |    |
| In labor force:                         |          |          |    |
| Employed or in Armed Forces.....        | 9330.... | 1237.... | 14 |
| Unemployed.....                         | 9339.... | 1246.... | 15 |
| Not in labor force.....                 | 9348.... | 1255.... | 16 |
| Under 6 years and 6 to 17 years:        |          |          |    |
| In labor force:                         |          |          |    |
| Employed or in Armed Forces.....        | 9357.... | 1264.... | 17 |
| Unemployed.....                         | 9366.... | 1273.... | 18 |
| Not in labor force.....                 | 9375.... | 1282.... | 19 |
| No own children under 18 years..        | 9384.... | 1291.... | 20 |
| Parent in subfamily:                    |          |          |    |
| Married-couple subfamily:               |          |          |    |
| With own children under 18 years:       |          |          |    |
| Under 6 years only:                     |          |          |    |
| In labor force:                         |          |          |    |
| Employed or in Armed Forces.....        | 9393.... | 1300.... | 21 |
| Unemployed.....                         | 9402.... | 1309.... | 22 |
| Not in labor force.....                 | 9411.... | 1318.... | 23 |
| 6 to 17 years only:                     |          |          |    |
| In labor force:                         |          |          |    |
| Employed or in Armed Forces.....        | 9420.... | 1327.... | 24 |
| Unemployed.....                         | 9429.... | 1336.... | 25 |
| Not in labor force.....                 | 9438.... | 1345.... | 26 |

|                                  |          |          |    |
|----------------------------------|----------|----------|----|
| Under 6 years and 6 to 17 years: |          |          |    |
| In labor force:                  |          |          |    |
| Employed or in Armed             |          |          |    |
| Forces.....                      | 9447.... | 1354.... | 27 |
| Unemployed.....                  | 9456.... | 1363.... | 28 |
| Not in labor force.....          | 9465.... | 1372.... | 29 |
| No own children under 18         |          |          |    |
| years.....                       | 9474.... | 1381.... | 30 |
| Mother-child subfamily:          |          |          |    |
| Under 6 years only:              |          |          |    |
| In labor force:                  |          |          |    |
| Employed or in Armed             |          |          |    |
| Forces.....                      | 9483.... | 1390.... | 31 |
| Unemployed.....                  | 9492.... | 1399.... | 32 |
| Not in labor force.....          | 9501.... | 1408.... | 33 |
| 6 to 17 years only:              |          |          |    |
| In labor force:                  |          |          |    |
| Employed or in Armed             |          |          |    |
| Forces.....                      | 9510.... | 1417.... | 34 |
| Unemployed.....                  | 9519.... | 1426.... | 35 |
| Not in labor force.....          | 9528.... | 1435.... | 36 |
| Under 6 years and 6 to 17        |          |          |    |
| years:                           |          |          |    |
| In labor force:                  |          |          |    |
| Employed or in Armed             |          |          |    |
| Forces.....                      | 9537.... | 1444.... | 37 |
| Unemployed.....                  | 9546.... | 1453.... | 38 |
| Not in labor force.....          | 9555.... | 1462.... | 39 |
| Other relatives:                 |          |          |    |
| In labor force:                  |          |          |    |
| Employed or in Armed Forces...   | 9564.... | 1471.... | 40 |
| Unemployed.....                  | 9573.... | 1480.... | 41 |
| Not in labor force.....          | 9582.... | 1489.... | 42 |
| Nonrelatives:                    |          |          |    |
| In labor force:                  |          |          |    |
| Employed or in Armed Forces...   | 9591.... | 1498.... | 43 |
| Unemployed.....                  | 9600.... | 1507.... | 44 |
| Not in labor force.....          | 9609.... | 1516.... | 45 |
| In nonfamily households:         |          |          |    |
| In labor force:                  |          |          |    |
| Employed or in Armed Forces..... | 9618.... | 1525.... | 46 |
| Unemployed.....                  | 9627.... | 1534.... | 47 |
| Not in labor force.....          | 9636.... | 1543.... | 48 |
| In group quarters:               |          |          |    |
| In labor force:                  |          |          |    |
| Employed or in Armed Forces..... | 9645.... | 1552.... | 49 |
| Unemployed.....                  | 9654.... | 1561.... | 50 |
| Not in labor force.....          | 9663.... | 1570.... | 51 |

PB50. AGE OF CHILDREN(2) BY EMPLOYMENT  
STATUS AND HOURS WORKED LAST WEEK

OF PARENTS(15) (30)  
 Universe: Own children under 18 years  
 in families and subfamilies  
 Under 6 years:

Living with two parents:

Both parents in labor force:

|  |          |          |     |
|--|----------|----------|-----|
| Both at work 35 or more hours.                       | 9672.... | 1579.... | 1,1 |
| Only one or neither at work<br>35 or more hours..... | 9681.... | 1588.... | 1,2 |
| Father only in labor force:                          |          |          |     |
| At work 35 or more hours.....                        | 9690.... | 1597.... | 1,3 |
| Not at work 35 hours or more..                       | 9699.... | 1606.... | 1,4 |
| Mother only in labor force:                          |          |          |     |
| At work 35 or more hours.....                        | 9708.... | 1615.... | 1,5 |
| Not at work 35 hours or more..                       | 9717.... | 1624.... | 1,6 |
| Neither parent in labor force...                     | 9726.... | 1633.... | 1,7 |

Living with one parent:

Living with father:

|                                |          |          |      |
|--------------------------------|----------|----------|------|
| Father in labor force:         |          |          |      |
| At work 35 or more hours....   | 9735.... | 1642.... | 1,8  |
| Not at work 35 hours or more   | 9744.... | 1651.... | 1,9  |
| Father not in labor force..... | 9763.... | 1660.... | 1,10 |

Living with mother:

|                                |          |          |      |
|--------------------------------|----------|----------|------|
| Mother in labor force:         |          |          |      |
| At work 35 or more hours....   | 9762.... | 1669.... | 1,11 |
| Not at work 35 hours or more   | 9771.... | 1678.... | 1,12 |
| Mother not in labor force..... | 9780.... | 1687.... | 1,13 |
| Filler.....                    | 9789.... | 1696.... | 1,14 |
| Filler.....                    | 9798.... | 1705.... | 1,15 |

6 to 17 years:  
 (Repeat EMPLOYMENT STATUS AND  
 HOURS WORKED LAST WEEK OF  
 PARENTS).....

|  |          |          |     |
|--|----------|----------|-----|
|  | 9807.... | 1714.... | 2,1 |
|--|----------|----------|-----|

PB51. FAMILY TYPE AND WORKERS IN FAMILY  
 IN 1989(14) (14)

Universe: Families

Married-couple family:

|                              |          |          |   |
|------------------------------|----------|----------|---|
| No workers.....              | 9942.... | 1849.... | 1 |
| 1 worker.....                | 9951.... | 1858.... | 2 |
| 2 workers:                   |          |          |   |
| Husband and wife worked..... | 9960.... | 1867.... | 3 |
| Other.....                   | 9969.... | 1876.... | 4 |
| 3 or more workers:           |          |          |   |
| Husband and wife worked..... | 9978.... | 1885.... | 5 |
| Other.....                   | 9987.... | 1894.... | 6 |

Other family:

Male householder, no wife present:

|                 |           |          |   |
|-----------------|-----------|----------|---|
| No workers..... | 9996....  | 1903.... | 7 |
| 1 worker.....   | 10005.... | 1912.... | 8 |
| 2 workers.....  | 10014.... | 1921.... | 9 |

|       |  |           |          |       |
|-------|--|-----------|----------|-------|
|       | 3 or more workers.....   | 10023.... | 1930.... | 10    |
|       | Female householder, no husband<br>present:   |           |          |       |
|       | No workers.....  | 10032.... | 1939.... | 11    |
|       | 1 worker.....  | 10041.... | 1948.... | 12    |
|       | 2 workers.....   | 10050.... | 1957.... | 13    |
|       | 3 or more workers.....   | 10059.... | 1966.... | 14    |
| PB52. | SEX(2) BY AGE(3) BY VETERAN STATUS(3) (18)   |           |          |       |
|       | Universe: Persons 16 years and over  |           |          |       |
|       | Male:  |           |          |       |
|       | 16 to 59 years:  |           |          |       |
|       | In Armed Forces.....   | 10068.... | 1975.... | 1,1,1 |
|       | Civilian:  |           |          |       |
|       | Veteran.....   | 10077.... | 1984.... | 1,1,2 |
|       | Nonveteran.....  | 10086.... | 1993.... | 1,1,3 |
|       | 60 to 64 years:  |           |          |       |
|       | (Repeat VETERAN STATUS).....   | 10095.... | 2002.... | 1,2,1 |
|       | 65 years and over:   |           |          |       |
|       | (Repeat VETERAN STATUS).....   | 10122.... | 2029.... | 1,3,1 |
|       | Female:  |           |          |       |
|       | (Repeat AGE By VETERAN STATUS)....   | 10149.... | 2056.... | 2,1,1 |
| PB53. | SEX(2) BY PERIOD OF MILITARY SERVICE(13) (26)  |           |          |       |
|       | Universe: Civilian veterans 16 years and over  |           |          |       |
|       | Male:  |           |          |       |
|       | May 1975 or later only.  |           |          |       |
|       | September 1980 or later only:  |           |          |       |
|       | With less than 2 years of<br>service.....  | 10230.... | 2137.... | 1,1   |
|       | With 2 or more years of<br>service.....  | 10239.... | 2146.... | 1,2   |
|       | May 1975 to August 1980 only....   | 10248.... | 2155.... | 1,3   |
|       | Both, May 1975 to August 1980<br>and September 1980 or later....                               | 10257.... | 2164.... | 1,4   |
|       | Vietnam era, no Korean conflict<br>nor World War II.....                                       | 10266.... | 2173.... | 1,5   |
|       | Vietnam era and Korean conflict,<br>no World War II.....                                       | 10275.... | 2182.... | 1,6   |
|       | Vietnam era, Korean conflict, and<br>World War II.....   | 10284.... | 2191.... | 1,7   |
|       | February 1955 to July 1964 only...<br>Korean conflict, no Vietnam era<br>nor World War II..... | 10293.... | 2200.... | 1,8   |
|       | Korean conflict and World War II,<br>no Vietnam era.....                                       | 10302.... | 2209.... | 1,9   |
|       | World War II, no Korean conflict<br>nor Vietnam era.....                                       | 10311.... | 2218.... | 1,10  |
|       | World War I.....   | 10320.... | 2227.... | 1,11  |
|       | Other service.....   | 10329.... | 2236.... | 1,12  |
|       | Other service.....   | 10338.... | 2245.... | 1,13  |
|       | Female:  |           |          |       |

|       |  |           |          |       |
|-------|--|-----------|----------|-------|
|       | (Repeat PERIOD OF MILITARY SERVICE).....   | 10347.... | 2254.... | 2,1   |
| PB54. | SEX(2) BY AGE(2) BY WORK DISABILITY STATUS AND EMPLOYMENT STATUS(7) (28)<br>Universe: Civilian noninstitutionalized persons 16 years and over<br>Male:                   |           |          |       |
|       | 16 to 64 years:  |           |          |       |
|       | With a work disability:  |           |          |       |
|       | In labor force:  |           |          |       |
|       | Employed.....  | 10464.... | 2371.... | 1,1,1 |
|       | Unemployed.....  | 10473.... | 2380.... | 1,1,2 |
|       | Not in labor force:  |           |          |       |
|       | Prevented from working.....  | 10482.... | 2389.... | 1,1,3 |
|       | Not prevented from working..   | 10491.... | 2398.... | 1,1,4 |
|       | No work disability:  |           |          |       |
|       | In labor force:  |           |          |       |
|       | Employed.....  | 10500.... | 2407.... | 1,1,5 |
|       | Unemployed.....  | 10509.... | 2416.... | 1,1,6 |
|       | Not in labor force.....  | 10518.... | 2425.... | 1,1,7 |
|       | 65 years and over:   |           |          |       |
|       | (Repeat WORK DISABILITY STATUS AND EMPLOYMENT STATUS).....   | 10527.... | 2434.... | 1,2,1 |
|       | Female:  |           |          |       |
|       | (Repeat AGE By WORK DISABILITY STATUS AND EMPLOYMENT STATUS)....   | 10590.... | 2497.... | 2,1,1 |
| PB55. | SEX(2) BY AGE(4) BY MOBILITY AND SELF-CARE LIMITATION STATUS AND EMPLOYMENT STATUS(8) (64)<br>Universe: Civilian noninstitutionalized persons 16 years and over<br>Male: |           |          |       |
|       | 16 to 59 years:  |           |          |       |
|       | With a mobility or self-care limitation:   |           |          |       |
|       | Mobility limitation only:  |           |          |       |
|       | In labor force.....  | 10716.... | 2623.... | 1,1,1 |
|       | Not in labor force.....  | 10725.... | 2632.... | 1,1,2 |
|       | Self-care limitation only:   |           |          |       |
|       | In labor force.....  | 10734.... | 2641.... | 1,1,3 |
|       | Not in labor force.....  | 10743.... | 2650.... | 1,1,4 |
|       | Mobility and self-care limitation:   |           |          |       |
|       | In labor force.....  | 10752.... | 2659.... | 1,1,5 |
|       | Not in labor force.....  | 10761.... | 2668.... | 1,1,6 |
|       | No mobility or self-care limitation:   |           |          |       |
|       | In labor force.....  | 10770.... | 2677.... | 1,1,7 |
|       | Not in labor force.....  | 10779.... | 2686.... | 1,1,8 |
|       | 60 to 64 years:  |           |          |       |
|       | (Repeat MOBILITY AND SELF-CARE   |           |          |       |

|   |           |          |        |
|---|-----------|----------|--------|
| LIMITATION STATUS AND EMPLOYMENT STATUS).....                                       | 10788.... | 2695.... | 1,2,1  |
| 65 to 74 years:   |           |          |        |
| (Repeat MOBILITY AND SELF-CARE LIMITATION STATUS AND EMPLOYMENT STATUS).....        | 10860.... | 2767.... | 1,3,1  |
| 75 years and over   |           |          |        |
| (Repeat MOBILITY AND SELF-CARE LIMITATION STATUS AND EMPLOYMENT STATUS).....        | 10932.... | 2839.... | 1,4,1  |
| Female:   |           |          |        |
| (Repeat AGE By MOBILITY AND SELF-CARE LIMITATION STATUS AND EMPLOYMENT STATUS)..... | 11004.... | 2911.... | 2,1,1  |
| PB56. SEX(2) BY AGE(12) BY EMPLOYMENT STATUS(4) (96)                                |           |          |        |
| Universe: Persons 16 years and over   |           |          |        |
| Male:   |           |          |        |
| 16 to 19 years:   |           |          |        |
| In labor force:   |           |          |        |
| In Armed Forces.....  | 11292.... | 3199.... | 1,1,1  |
| Civilian:   |           |          |        |
| Employed.....   | 11301.... | 3208.... | 1,1,2  |
| Unemployed.....   | 11310.... | 3217.... | 1,1,3  |
| Not in labor force.....   | 11319.... | 3226.... | 1,1,4  |
| 20 to 24 years:   |           |          |        |
| (Repeat EMPLOYMENT STATUS).....   | 11328.... | 3235.... | 1,2,1  |
| 25 to 29 years:   |           |          |        |
| (Repeat EMPLOYMENT STATUS).....   | 11364.... | 3271.... | 1,3,1  |
| 30 to 34 years:   |           |          |        |
| (Repeat EMPLOYMENT STATUS).....   | 11400.... | 3307.... | 1,4,1  |
| 35 to 44 years:   |           |          |        |
| (Repeat EMPLOYMENT STATUS).....   | 11436.... | 3343.... | 1,5,1  |
| 45 to 54 years:   |           |          |        |
| (Repeat EMPLOYMENT STATUS).....   | 11472.... | 3379.... | 1,6,1  |
| 55 to 59 years:   |           |          |        |
| (Repeat EMPLOYMENT STATUS).....   | 11508.... | 3415.... | 1,7,1  |
| 60 and 61 years:  |           |          |        |
| (Repeat EMPLOYMENT STATUS).....   | 11544.... | 3451.... | 1,8,1  |
| 62 to 64 years:   |           |          |        |
| (Repeat EMPLOYMENT STATUS).....   | 11580.... | 3487.... | 1,9,1  |
| 65 to 69 years:   |           |          |        |
| (Repeat EMPLOYMENT STATUS).....   | 11616.... | 3523.... | 1,10,1 |
| 70 to 74 years:   |           |          |        |
| (Repeat EMPLOYMENT STATUS).....   | 11652.... | 3559.... | 1,11,1 |
| 75 years and over:  |           |          |        |
| (Repeat EMPLOYMENT STATUS).....   | 11688.... | 3595.... | 1,12,1 |
| Female:   |           |          |        |
| (Repeat AGE By EMPLOYMENT STATUS).....  | 11724.... | 3631.... | 2,1,1  |



|   |           |          |       |
|---|-----------|----------|-------|
| PB57. EMPLOYMENT STATUS, GROUP QUARTERS,<br>SCHOOL ENROLLMENT, AND AGE(18) (18) |           |          |       |
| Universe: Persons 16 years and over   |           |          |       |
| In labor force.....   | 12156.... | 4063.... | 1     |
| Not in labor force:   |           |          |       |
| In households:  |           |          |       |
| Enrolled in school:   |           |          |       |
| 16 to 24 years.....   | 12165.... | 4072.... | 2     |
| 25 to 44 years.....   | 12174.... | 4081.... | 3     |
| 45 to 64 years.....   | 12183.... | 4090.... | 4     |
| 65 years and over.....  | 12192.... | 4099.... | 5     |
| Not enrolled in school:   |           |          |       |
| 16 to 24 years.....   | 12201.... | 4108.... | 6     |
| 25 to 44 years.....   | 12210.... | 4117.... | 7     |
| 45 to 64 years.....   | 12219.... | 4126.... | 8     |
| 65 years and over.....  | 12228.... | 4135.... | 9     |
| In group quarters:  |           |          |       |
| Institutionalized persons.....  | 12237.... | 4144.... | 10    |
| Other persons in group quarters:  |           |          |       |
| Enrolled in school:   |           |          |       |
| 16 to 24 years.....   | 12246.... | 4153.... | 11    |
| 25 to 44 years.....   | 12255.... | 4162.... | 12    |
| 45 to 64 years.....   | 12264.... | 4171.... | 13    |
| 65 years and over.....  | 12273.... | 4180.... | 14    |
| Not enrolled in school:   |           |          |       |
| 16 to 24 years.....   | 12282.... | 4189.... | 15    |
| 25 to 44 years.....   | 12291.... | 4198.... | 16    |
| 45 to 64 years.....   | 12300.... | 4207.... | 17    |
| 65 years and over.....  | 12309.... | 4216.... | 18    |
| PB58. AGE(3) BY SEX(2) BY EMPLOYMENT<br>STATUS AND WORK STATUS IN 1989(3) (18)  |           |          |       |
| Universe: Persons 60 years and over   |           |          |       |
| 60 to 64 years:   |           |          |       |
| Male:   |           |          |       |
| In labor force.....   | 12318.... | 4225.... | 1,1,1 |
| Not in labor force:   |           |          |       |
| Worked in 1989.....   | 12327.... | 4234.... | 1,1,2 |
| Did not work in 1989.....   | 12336.... | 4243.... | 1,1,3 |
| Female:   |           |          |       |
| (Repeat EMPLOYMENT STATUS AND<br>WORK STATUS IN 1989).....                      | 12345.... | 4252.... | 1,2,1 |
| 65 to 69 years:   |           |          |       |
| (Repeat SEX By EMPLOYMENT STATUS<br>AND WORK STATUS IN 1989).....               | 12372.... | 4279.... | 2,1,1 |
| 70 years and over:  |           |          |       |
| (Repeat SEX By EMPLOYMENT STATUS<br>AND WORK STATUS IN 1989).....               | 12426.... | 4333.... | 3,1,1 |
| PB59. SEX(2) BY EMPLOYMENT STATUS, HOURS<br>WORKED LAST WEEK, AND YEAR LAST     |           |          |       |

WORKED(11) (22)  
 Universe: Persons 16 years and over  
 Male:

|  |           |          |      |
|--|-----------|----------|------|
| In labor force:  |           |          |      |
| In Armed Forces.....   | 12480.... | 4387.... | 1,1  |
| Civilian:  |           |          |      |
| Employed:  |           |          |      |
| All work 35 or more hours....  | 12489.... | 4396.... | 1,2  |
| At work 1 5 to 34 hours....  | 12498.... | 4405.... | 1,3  |
| At work 1 to 14 hours.....   | 12507.... | 4414.... | 1,4  |
| With a job, but not at work.   | 12516.... | 4423.... | 1,5  |
| Unemployed:  |           |          |      |
| Last worked 1989 to 1990....   | 12525.... | 4432.... | 1,6  |
| Last worked 1988 or earlier.   | 12534.... | 4441.... | 1,7  |
| Never worked.....  | 12543.... | 4450.... | 1,8  |
| Not in labor force:  |           |          |      |
| Persons in households.....   | 12552.... | 4459.... | 1,9  |
| Institutionalized persons.....   | 12561.... | 4468.... | 1,10 |
| Other persons in group quarters.   | 12570.... | 4477.... | 1,11 |
| Female:  |           |          |      |
| (Repeat EMPLOYMENT STATUS, HOURS<br>WORKED LAST WEEK AND YEAR LAST<br>WORKED)..... | 12579.... | 4486.... | 2,1  |

PB60. SEX(2) BY WORK STATUS IN 1989, USUAL  
 HOURS WORKED PER WEEK IN 1989, AND  
 WEEKS WORKED IN 1989(19) (38)  
 Universe: Persons 16 years and over  
 Male:

|  |           |          |      |
|--|-----------|----------|------|
| Worked in 1989:                              |           |          |      |
| Usually worked 35 or more hours<br>per week: |           |          |      |
| 50 to 52 weeks.....                          | 12678.... | 4585.... | 1,1  |
| 48 to 49 weeks.....                          | 12687.... | 4594.... | 1,2  |
| 40 to 47 weeks.....                          | 12696.... | 4603.... | 1,3  |
| 27 to 39 weeks.....                          | 12705.... | 4612.... | 1,4  |
| 14 to 26 weeks.....                          | 12714.... | 4621.... | 1,5  |
| 1 to 13 weeks.....                           | 12723.... | 4630.... | 1,6  |
| Usually worked 15 to 34 hours<br>per week:   |           |          |      |
| 50 to 52 weeks.....                          | 12732.... | 4639.... | 1,7  |
| 48 to 49 weeks.....                          | 12741.... | 4648.... | 1,8  |
| 40 to 47 weeks.....                          | 12750.... | 4657.... | 1,9  |
| 27 to 39 weeks.....                          | 12759.... | 4666.... | 1,10 |
| 14 to 26 weeks.....                          | 12768.... | 4675.... | 1,11 |
| 1 to 13 weeks.....                           | 12777.... | 4684.... | 1,12 |
| Usually worked 1 to 14 hours<br>per week:    |           |          |      |
| 50 to 52 weeks.....                          | 12786.... | 4693.... | 1,13 |
| 48 to 49 weeks.....                          | 12795.... | 4702.... | 1,14 |
| 40 to 47 weeks.....                          | 12804.... | 4711.... | 1,15 |

|       |  |           |          |      |
|-------|--|-----------|----------|------|
|       | 27 to 39 weeks.....  | 12813.... | 4720.... | 1,16 |
|       | 14 to 26 weeks.....  | 12822.... | 4729.... | 1,17 |
|       | 1 to 13 weeks.....   | 12831.... | 4738.... | 1,18 |
|       | Did not work in 1989.....  | 12840.... | 4747.... | 1,19 |
|       | Female:  |           |          |      |
|       | (Repeat WORK STATUS IN 1989, USUAL<br>HOURS WORKED PER WEEK IN 1989,<br>AND WEEKS WORKED IN 1989)..... | 12849.... | 4756.... | 2,1  |
| PB61. | SEX(2) BY INDUSTRY(72) (144)   |           |          |      |
|       | Universe: Employed persons 16 years<br>and over  |           |          |      |
|       | Male:  |           |          |      |
|       | Agricultural production (000-010,<br>011).....   | 13020.... | 4927.... | 1,1  |
|       | Agricultural services (012-030)...   | 13029.... | 4936.... | 1,2  |
|       | Forestry and fisheries (031-039)..   | 13038.... | 4945.... | 1,3  |
|       | Mining (040-059).....  | 13047.... | 4954.... | 1,4  |
|       | Construction (060-099).....  | 13056.... | 4963.... | 1,5  |
|       | Manufacturing (100-399):   |           |          |      |
|       | Nondurable goods (100-229):  |           |          |      |
|       | Food and kindred products<br>(100-129).....  | 13065.... | 4972.... | 1,6  |
|       | Textile mill products (132-<br>150).....   | 13074.... | 4981.... | 1,7  |
|       | Apparel and other finished<br>textile products (151-159)...  | 13083.... | 4990.... | 1,8  |
|       | Paper and allied products<br>(160-170).....  | 13092.... | 4999.... | 1,9  |
|       | Printing, publishing, and<br>allied industries (171-179)..   | 13101.... | 5008.... | 1,10 |
|       | Chemicals and allied products<br>(180-199).....  | 13110.... | 5017.... | 1,11 |
|       | Petroleum and coal products<br>(200-209).....  | 13119.... | 5026.... | 1,12 |
|       | Rubber and miscellaneous<br>plastics products (210-219)..  | 13128.... | 5035.... | 1,13 |
|       | Other nondurable goods (130-<br>131, 220-229).....   | 13137.... | 5044.... | 1,14 |
|       | Durable goods (230-399):   |           |          |      |
|       | Furniture, lumber, and wood<br>products (230-249).....   | 13146.... | 5053.... | 1,15 |
|       | Primary metal industries (270-<br>280).....  | 13155.... | 5062.... | 1,16 |
|       | Fabricated metal industries<br>(281-309).....  | 13164.... | 5071.... | 1,17 |
|       | Machinery and computing<br>equipment (310-339).....  | 13173.... | 5080.... | 1,18 |
|       | Electrical equipment and<br>components, except computer<br>(340-350).....                              | 13182.... | 5089.... | 1,19 |

|  |           |          |      |
|--|-----------|----------|------|
| Motor vehicles and motor vehicle equipment (351).....                              | 13191.... | 5098.... | 1,20 |
| Other transportation equipment (352-370).....                                      | 13200.... | 5107.... | 1,21 |
| Other durable goods (250-269, 371-391).....  | 13209.... | 5116.... | 1,22 |
| Not specified manufacturing (392-399).....   | 13218.... | 5125.... | 1,23 |
| Transportation, communications, and other public utilities (400-499):              |           |          |      |
| Transportation (400-439):  |           |          |      |
| Railroads (400).....   | 13227.... | 5134.... | 1,24 |
| Trucking service and warehousing (410-411).....                                    | 13236.... | 5143.... | 1,25 |
| U.S. Postal Service (412-419).....   | 13245.... | 5152.... | 1,26 |
| Air transportation (421).....  | 13254.... | 5161.... | 1,27 |
| Other transportation (401-409, 420, 422-439).....                                  | 13263.... | 5170.... | 1,28 |
| Communications (440-449):  |           |          |      |
| Telephone communications (441).....  | 13272.... | 5179.... | 1,29 |
| Other communications (440, 442-449).....   | 13281.... | 5188.... | 1,30 |
| Utilities and sanitary services (450-499).....                                     | 13290.... | 5197.... | 1,31 |
| Wholesale trade (500-579):   |           |          |      |
| Durable goods (500-539).....   | 13299.... | 5206.... | 1,32 |
| Nondurable goods (540-579).....  | 13308.... | 5215.... | 1,33 |
| Retail trade (580-699):  |           |          |      |
| Building materials and hardware and garden stores (580-589)....                    | 13317.... | 5224.... | 1,34 |
| General merchandise stores (591-600).....  | 13326.... | 5233.... | 1,35 |
| Food, bakery, and dairy stores (601-611).....                                      | 13335.... | 5242.... | 1,36 |
| Automotive dealers and gasoline stations (612-622):                                |           |          |      |
| Motor vehicle dealers (612-619).....   | 13344.... | 5251.... | 1,37 |
| Gasoline service stations (621).....   | 13353.... | 5260.... | 1,38 |
| Automotive and home supply stores and miscellaneous vehicle dealers (620, 622).... | 13362.... | 5269.... | 1,39 |
| Apparel and accessory stores, including shoes (623-630).....                       | 13371.... | 5278.... | 1,40 |
| Home furnishings and equipment stores (631-640).....                               | 13380.... | 5287.... | 1,41 |
| Eating and drinking places (641).....  | 13389.... | 5296.... | 1,42 |
| Other retail trade (590, 642-699).....   | 13398.... | 5305.... | 1,43 |

|   |           |          |      |
|---|-----------|----------|------|
| Finance, insurance, and real estate (700-720):                              |           |          |      |
| Banking and other savings institutions (700-701).....                       | 13407.... | 5314.... | 1,44 |
| Insurance (711).....  | 13416.... | 5323.... | 1,45 |
| Real estate, including real estate-insurance offices (712-720).....         |           |          |      |
| 13425....   | 5332....  | 1,46     |      |
| Other finance (702-710).....  | 13434.... | 5341.... | 1,47 |
| Business and repair services (721-760):                                     |           |          |      |
| Personnel supply services (731).  | 13443.... | 5350.... | 1,48 |
| Computer and data processing services (732-739).....                        | 13452.... | 5359.... | 1,49 |
| Other business services (721-730, 740-741).....                             | 13461.... | 5368.... | 1,50 |
| Automotive repair and related services (751).....                           | 13470.... | 5377.... | 1,51 |
| Other repair services and other automotive services (742-750, 752-760)..... | 13479.... | 5386.... | 1,52 |
| Personal services (761-799):  |           |          |      |
| Private households (761).....   | 13488.... | 5395.... | 1,53 |
| Hotels and motels (762-769).....  | 13497.... | 5404.... | 1,54 |
| Beauty and barber shops (772-780).....                                      | 13506.... | 5413.... | 1,55 |
| Other personal services (770-771, 781-799).....                             | 13515.... | 5422.... | 1,56 |
| Entertainment and recreation services (800-811).....                        |           |          |      |
| 13524....   | 5431....  | 1,57     |      |
| Professional and related services (812-899):                                |           |          |      |
| Hospitals (831).....  | 13533.... | 5440.... | 1,58 |
| Health services, except hospitals (812-830, 832-840).....                   | 13542.... | 5449.... | 1,59 |
| Legal services (841).....   | 13551.... | 5458.... | 1,60 |
| Elementary and secondary schools (842-849):                                 |           |          |      |
| Government (842-849).....   | 13560.... | 5467.... | 1,61 |
| Private (842-849).....  | 13569.... | 5476.... | 1,62 |
| Colleges and universities (850).  | 13578.... | 5485.... | 1,63 |
| Other educational services (851-860).....                                   | 13587.... | 5494.... | 1,64 |
| Job training and vocational rehabilitation services (861)..                 | 13596.... | 5503.... | 1,65 |
| Child day care, including family homes (862-869).....                       | 13605.... | 5512.... | 1,66 |
| Other social services (870-871).  | 13614.... | 5521.... | 1,67 |
| Religious and other membership organizations (873-881).....                 | 13623.... | 5530.... | 1,68 |
| Engineering, architectural, and   |           |          |      |

|       |   |           |          |       |
|-------|---|-----------|----------|-------|
|       | surveying services (882-889)...   | 13632.... | 5539.... | 1,69  |
|       | Other professional services<br>(872, 890-899).....                        | 13641.... | 5548.... | 1,70  |
|       | Public administration (900-939):  |           |          |       |
|       | Justice, public order, and<br>safety (910-920).....                       | 13650.... | 5557.... | 1,71  |
|       | Other public administration<br>(900-909, 921-939).....                    | 13659.... | 5566.... | 1,72  |
|       | Female:   |           |          |       |
|       | (Repeat INDUSTRY).....  | 13668.... | 5575.... | 2,1   |
| PB62. | SEX(2) BY INDUSTRY(2) BY CLASS OF<br>WORKER(8) (32)                       |           |          |       |
|       | Universe: Employed persons 16 years<br>and over                           |           |          |       |
|       | Male:   |           |          |       |
|       | All industries except agriculture<br>(031-939):                           |           |          |       |
|       | Private for profit wage and salary<br>workers:                            |           |          |       |
|       | Employee of private company...  | 14316.... | 6223.... | 1,1,1 |
|       | Employee of own corporation...  | 14325.... | 6232.... | 1,1,2 |
|       | Private not-for-profit wage and<br>salary workers.....                    | 14334.... | 6241.... | 1,1,3 |
|       | Local government workers.....   | 14343.... | 6250.... | 1,1,4 |
|       | State government workers.....   | 14352.... | 6259.... | 1,1,5 |
|       | Federal government workers.....   | 14361.... | 6268.... | 1,1,6 |
|       | Self-employed workers.....  | 14370.... | 6277.... | 1,1,7 |
|       | Unpaid family workers.....  | 14379.... | 6286.... | 1,1,8 |
|       | Agriculture (000-030):  |           |          |       |
|       | (Repeat CLASS OF WORKER).....   | 14388.... | 6295.... | 1,2,1 |
|       | Female:   |           |          |       |
|       | (Repeat INDUSTRY By CLASS OF<br>WORKER).....                              | 14460.... | 6367.... | 2,1,1 |
| PB63. | SEX(2) BY OCCUPATION(94) (188)  |           |          |       |
|       | Universe: Employed persons 16 years<br>and over                           |           |          |       |
|       | Male:   |           |          |       |
|       | Managerial and professional<br>specialty occupations (000-202):           |           |          |       |
|       | Executive, administrative, and<br>managerial occupations (000-042):       |           |          |       |
|       | Officials and administrators,<br>public administration (000-<br>006)..... | 14604.... | 6511.... | 1,1   |
|       | Financial managers (007).....   | 14613.... | 6520.... | 1,2   |
|       | Managers, marketing, advertis-<br>ing, and public relations<br>(013)..... | 14622.... | 6529.... | 1,3   |
|       | Administrators, education and   |           |          |       |

|  |           |          |      |
|--|-----------|----------|------|
| related fields (014).....  | 14631.... | 6538.... | 1,4  |
| Other specified managers and<br>administrators (008-012, 015-<br>021)..... | 14640.... | 6547.... | 1,5  |
| Managers and administrators,<br>n.e.c. (022):                              |           |          |      |
| Salaried (022).....  | 14649.... | 6556.... | 1,6  |
| Self-employed (022).....   | 14658.... | 6565.... | 1,7  |
| Management related occupations<br>(023-042):                               |           |          |      |
| Accountants and auditors<br>(023).....                                     | 14667.... | 6574.... | 1,8  |
| Other management related<br>occupations (024-042).....                     | 14676.... | 6583.... | 1,9  |
| Professional specialty occu-<br>pations (043-202):                         |           |          |      |
| Engineers, architects, and sur-<br>veyors (043-063):                       |           |          |      |
| Engineers (044-062).....   | 14685.... | 6592.... | 1,10 |
| Architects and surveyors<br>(043, 063).....                                | 14694.... | 6601.... | 1,11 |
| Mathematical and computer<br>scientists (064-068).....                     | 14703.... | 6610.... | 1,12 |
| Natural scientists (069-083)..   | 14712.... | 6619.... | 1,13 |
| Health diagnosing occupations<br>(084-094):                                |           |          |      |
| Physicians (084).....  | 14721.... | 6628.... | 1,14 |
| Other health diagnosing<br>occupations (085-094).....                      | 14730.... | 6637.... | 1,15 |
| Health assessment and treating<br>occupations (095-112):                   |           |          |      |
| Registered nurses (095).....   | 14739.... | 6646.... | 1,16 |
| Other health assessment and<br>treating occupations (096-<br>112).....     | 14748.... | 6655.... | 1,17 |
| Teachers, postsecondary (113-<br>154).....                                 | 14757.... | 6664.... | 1,18 |
| Teachers, except postsecondary<br>(155-162):                               |           |          |      |
| Teachers, elementary and<br>secondary schools (155-157)                    | 14766.... | 6673.... | 1,19 |
| Other teachers, except post-<br>secondary (158-162).....                   | 14775.... | 6682.... | 1,20 |
| Librarians and counselors<br>(163-165).....                                | 14784.... | 6691.... | 1,21 |
| Social scientists and urban<br>planners (166-173).....                     | 14793.... | 6700.... | 1,22 |
| Social, recreation, and<br>religious workers (174-177)..                   | 14802.... | 6709.... | 1,23 |
| Lawyers and judges (178-182)..   | 14811.... | 6718.... | 1,24 |
| Writers, artists, entertainers,  |           |          |      |

|  |           |          |      |
|--|-----------|----------|------|
| and athletes (183-202).....  | 14820.... | 6727.... | 1,25 |
| Technical, sales, and administrative support occupations (203-402):                            |           |          |      |
| Technicians and related support occupations (203-242):   |           |          |      |
| Health technologists and technicians, except licensed practical nurses (203-206, 208-212)..... | 14829.... | 6736.... | 1,26 |
| Licensed practical nurses (207).....   | 14838.... | 6745.... | 1,27 |
| Engineering and science technicians (213-225).....   | 14847.... | 6754.... | 1,28 |
| Technicians, except health, engineering, and science (226-242).....                            | 14856.... | 6763.... | 1,29 |
| Sales occupations (243-302):   |           |          |      |
| Supervisors and proprietors, sales occupations, salaried (243-252).....                        | 14865.... | 6772.... | 1,30 |
| Supervisors and proprietors, sales occupations, self-employed (243-252).....                   | 14874.... | 6781.... | 1,31 |
| Sales representatives, finance, and business services (253-257):                               |           |          |      |
| Real estate sales occupations (254).....   | 14883.... | 6790.... | 1,32 |
| Other finance and business services sales occupations (253, 255-257).....                      | 14892.... | 6799.... | 1,33 |
| Sales representatives, commodities, except retail (258-262).....                               | 14901.... | 6808.... | 1,34 |
| Sales workers, retail and personal services (263-282):   |           |          |      |
| Cashiers (276).....  | 14910.... | 6817.... | 1,35 |
| Other sales workers, retail and personal services (263-275, 277-282).....                      | 14919.... | 6826.... | 1,36 |
| Sales related occupations (283-302).....   | 14928.... | 6835.... | 1,37 |
| Administrative support occupations, including clerical (303-402):                              |           |          |      |
| Supervisors, administrative support occupations (303-307).                                     | 14937.... | 6844.... | 1,38 |
| Computer equipment operators (308-312).....  | 14946.... | 6853.... | 1,39 |
| Secretaries, stenographers, and typists (313-315).....   | 14955.... | 6862.... | 1,40 |
| Information clerks (316-324)...  | 14964.... | 6871.... | 1,41 |



|  |           |          |      |
|--|-----------|----------|------|
| Records processing occupations,<br>except financial (325-336)....                | 14973.... | 6880.... | 1,42 |
| Bookkeepers, accounting, and<br>auditing clerks (337).....                       | 14982.... | 6889.... | 1,43 |
| Other financial records proces-<br>sing occupations (338-344)....                | 14991.... | 6898.... | 1,44 |
| Mail and message distributing<br>occupations (354-358).....                      | 15000.... | 6907.... | 1,45 |
| Material recording, scheduling<br>and distributing clerks (359-<br>374).....     | 15009.... | 6916.... | 1,46 |
| Adjusters and investigators<br>(375-378).....                                    | 15018.... | 6925.... | 1,47 |
| Other administrative support<br>occupations (345-353, 379-402)                   | 15027.... | 6934.... | 1,48 |
| Service occupations (403-472):   |           |          |      |
| Private household occupations<br>(403-412).....                                  | 15036.... | 6943.... | 1,49 |
| Protective service occupations<br>(413-432):                                     |           |          |      |
| Police and firefighters (417-<br>422).....                                       | 15045.... | 6952.... | 1,50 |
| Guards (425-432).....  | 15054.... | 6961.... | 1,51 |
| Other protective service oc-<br>cupations (413-416, 423-424).                    | 15063.... | 6970.... | 1,52 |
| Food service occupations (433-<br>444):  |           |          |      |
| Waiters and waitresses (435)..   | 15072.... | 6979.... | 1,53 |
| Cooks (436-437).....   | 15081.... | 6988.... | 1,54 |
| Other food service occupations<br>(433-434, 438-444).....                        | 15090.... | 6997.... | 1,55 |
| Health service occupations (445-<br>447):  |           |          |      |
| Nursing aides, orderlies, and<br>attendants (447).....                           | 15099.... | 7006.... | 1,56 |
| Other health service occupa-<br>tions (445-446).....                             | 15108.... | 7015.... | 1,57 |
| Cleaning and building service<br>occupations, except household<br>(448-455)..... | 15117.... | 7024.... | 1,58 |
| Personal service occupations<br>(456-472):                                       |           |          |      |
| Barbers, hairdressers, and<br>cosmetologists (457-458)....                       | 15126.... | 7033.... | 1,59 |
| Child care workers (466-468)..   | 15135.... | 7042.... | 1,60 |
| Other personal service<br>occupations (456, 459-465,<br>469-472).....            | 15144.... | 7051.... | 1,61 |
| Farming, forestry, and fishing<br>occupations (473-502):                         |           |          |      |
| Farm operators and managers  |           |          |      |

|  |           |          |      |
|--|-----------|----------|------|
| (473-476).....   | 15153.... | 7060.... | 1,62 |
| Farm occupations, except managers<br>(477-484).....                                | 15162.... | 7069.... | 1,63 |
| Related agricultural occupations<br>(485-493):                                     |           |          |      |
| Groundskeepers and gardeners,<br>except farm (486).....                            | 15171.... | 7078.... | 1,64 |
| Other related agricultural<br>occupations (485, 487-493)...                        | 15180.... | 7087.... | 1,65 |
| Forestry and logging occupations<br>(494-496).....                                 | 15189.... | 7096.... | 1,66 |
| Fishers, hunters, and trappers<br>(497-502).....                                   | 15198.... | 7105.... | 1,67 |
| Precision production, craft, and<br>repair occupations (503-702):                  |           |          |      |
| Auto mechanics and repairers<br>(505-506, 514).....                                | 15207.... | 7114.... | 1,68 |
| Mechanics and repairers, except<br>auto (503-504, 507-513, 515-<br>552).....       | 15216.... | 7123.... | 1,69 |
| Construction trades (553-612):   |           |          |      |
| Carpenters (567-572).....  | 15225.... | 7132.... | 1,70 |
| Electricians (575-576).....  | 15234.... | 7141.... | 1,71 |
| Painters, construction and<br>maintenance (579-582).....                           | 15243.... | 7150.... | 1,72 |
| Plumbers, pipefitters, and<br>steamfitters (585-587).....                          | 15252.... | 7159.... | 1,73 |
| Other construction trades<br>(553-566, 573-574, 577-578,<br>583-584, 588-612)..... | 15261.... | 7168.... | 1,74 |
| Extractive occupations (613-627)   | 15270.... | 7177.... | 1,75 |
| Precision production occupations<br>(628-702):                                     |           |          |      |
| Supervisors, production oc-<br>cupations (628-633).....                            | 15279.... | 7186.... | 1,76 |
| Precision metal working occu-<br>pations (634-655).....                            | 15288.... | 7195.... | 1,77 |
| Precision food production oc-<br>cupations (686-688).....                          | 15297.... | 7204.... | 1,78 |
| Other precision production oc-<br>cupations (656-685, 689-702).                    | 15306.... | 7213.... | 1,79 |
| Operators, fabricators, and<br>laborers (703-902):                                 |           |          |      |
| Machine operators, assemblers,<br>and inspectors (703-802):                        |           |          |      |
| Machine operators and tenders,<br>except precision (703-782):                      |           |          |      |
| Metal working and plastic<br>working machine operators<br>(703-716).....           | 15315.... | 7222.... | 1,80 |
| Printing machine operators   |           |          |      |

|   |           |          |      |
|---|-----------|----------|------|
| (734-737).....  | 15324.... | 7231.... | 1,81 |
| Textile, apparel, and furn-<br>ishings machine operators<br>(738-752).....          | 15333.... | 7240.... | 1,82 |
| Other machine operators and<br>tenders, except precision<br>(717-733, 753-782)..... | 15342.... | 7249.... | 1,83 |
| Fabricators, assemblers, and<br>hand working occupations<br>(783-795).....          | 15351.... | 7258.... | 1,84 |
| Production inspectors, testers,<br>samplers, and weighers (796-<br>802).....        | 15360.... | 7267.... | 1,85 |
| Transportation and material<br>moving occupations (803-863):                        |           |          |      |
| Motor vehicle operators (803-<br>822):  |           |          |      |
| Truck drivers (804-805).....  | 15369.... | 7276.... | 1,86 |
| Bus drivers (808).....  | 15378.... | 7285.... | 1,87 |
| Other motor vehicle opera-<br>tors (803, 806-807, 809-<br>822).....                 | 15387.... | 7294.... | 1,88 |
| Transportation occupations,<br>except motor vehicles (823-<br>842).....             | 15396.... | 7303.... | 1,89 |
| Material moving equipment op-<br>erators (843-863).....                             | 15405.... | 7312.... | 1,90 |
| Handlers, equipment cleaners,<br>helpers, and laborers (864-902):                   |           |          |      |
| Construction laborers (869-<br>873).....  | 15414.... | 7321.... | 1,91 |
| Freight, stock, and material<br>handlers (875-884).....                             | 15423.... | 7330.... | 1,92 |
| Hand packers and packagers<br>(888).....  | 15432.... | 7339.... | 1,93 |
| Miscellaneous manual occupa-<br>tions (864-868, 874, 885-887,<br>889-902).....      | 15441.... | 7348.... | 1,94 |
| Female:   |           |          |      |
| (Repeat OCCUPATION).....  | 15450.... | 7357.... | 2,1  |
| Filler.....   | 16179.... | 8086     |      |
| End of Segment  |           |          |      |
| Female:   |           |          |      |
| (Repeat OCCUPATION)-Con.....  | 16487.... | 301....  | 2,82 |

PB64. SEX(2) BY OCCUPATION(14) (28)  
Universe: Experienced unemployed  
persons 16 years and over  
Male:

|   |           |         |      |
|---|-----------|---------|------|
| Managerial and professional specialty occupations (000-202):                          |           |         |      |
| Executive, administrative, and managerial occupations (000-042).....                  | 16604.... | 418.... | 1,1  |
| Professional specialty occupations (043-202).....                                     | 16613.... | 427.... | 1,2  |
| Technical, sales, and administrative support occupations (203-402):                   |           |         |      |
| Technicians and related support occupations (203-242).....                            | 16622.... | 436.... | 1,3  |
| Sales occupations (243-302).....  | 16631.... | 445.... | 1,4  |
| Administrative support occupations, including clerical (303-402).....                 | 16640.... | 454.... | 1,5  |
| Service occupations (403-472):  |           |         |      |
| Private household occupations (403-412).....  | 16649.... | 463.... | 1,6  |
| Protective service occupations (413-432).....   | 16658.... | 472.... | 1,7  |
| Service occupations, except protective and household (433-472)                        | 16667.... | 481.... | 1,8  |
| Farming, forestry, and fishing occupations (473-502).....                             | 16676.... | 490.... | 1,9  |
| Precision production, craft, and repair occupations (503-702).....                    | 16685.... | 499.... | 1,10 |
| Operators, fabricators, and laborers (703-902):                                       |           |         |      |
| Machine operators, assemblers, and inspectors (703-802).....                          | 16694.... | 508.... | 1,11 |
| Transportation and material moving occupations (803-863)...                           | 16703.... | 517.... | 1,12 |
| Handlers, equipment cleaners, helpers, and laborers (864-902).....                    | 16712.... | 526.... | 1,13 |
| Unemployed, last job uniquely military, or last worked 1984 or earlier (903-999)..... | 16721.... | 535.... | 1,14 |
| Female:   |           |         |      |
| (Repeat OCCUPATION).....  | 16730.... | 544.... | 2,1  |
| <br>PB65. HOUSEHOLD INCOME IN 1989(25) (25)   |           |         |      |
| Universe: Households  |           |         |      |
| Less than \$5,000.....  | 16856.... | 670.... | 1    |
| \$5,000 to \$9,999.....   | 16865.... | 679.... | 2    |
| \$10,000 to \$12,499.....   | 16874.... | 688.... | 3    |
| \$12,500 to \$14,999.....   | 16883.... | 697.... | 4    |
| \$15,000 to \$17,499.....   | 16892.... | 706.... | 5    |
| \$17,500 to \$19,999.....   | 16901.... | 715.... | 6    |
| \$20,000 to \$22,499.....   | 16910.... | 724.... | 7    |
| \$22,500 to \$24,999.....   | 16919.... | 733.... | 8    |

|   |                                      |           |          |       |
|---|--------------------------------------|-----------|----------|-------|
|   | \$25,000 to \$27,499.....            | 16928.... | 742....  | 9     |
|   | \$27,500 to \$29,999.....            | 16937.... | 751....  | 10    |
|   | \$30,000 to \$32,499.....            | 16946.... | 760....  | 11    |
|   | \$32,500 to \$34,999.....            | 16955.... | 769....  | 12    |
|   | \$35,000 to \$37,499.....            | 16964.... | 778....  | 13    |
|   | \$37,500 to \$39,999.....            | 16973.... | 787....  | 14    |
|   | \$40,000 to \$42,499.....            | 16982.... | 796....  | 15    |
|   | \$42,500 to \$44,999.....            | 16991.... | 805....  | 16    |
|   | \$45,000 to \$47,499.....            | 17000.... | 814....  | 17    |
|   | \$47,500 to \$49,999.....            | 17009.... | 823....  | 18    |
|   | \$50,000 to \$54,999.....            | 17018.... | 832....  | 19    |
|   | \$55,000 to \$59,999.....            | 17027.... | 841....  | 20    |
|   | \$60,000 to \$74,999.....            | 17036.... | 850....  | 21    |
|   | \$75,000 to \$99,999.....            | 17045.... | 859....  | 22    |
|   | \$100,000 to \$124,999.....          | 17054.... | 868....  | 23    |
|   | \$125,000 to \$149,999.....          | 17063.... | 877....  | 24    |
|   | \$150,000 or more.....               | 17072.... | 886....  | 25    |
| PB65A. MEDIAN HOUSEHOLD INCOME IN 1989(1) (1) |                                      |           |          |       |
|   | Universe: Households                 |           |          |       |
|   | Median household income in 1989..... | 17081.... | 895....  | 1     |
| PB66. AGGREGATE HOUSEHOLD INCOME IN           |                                      |           |          |       |
|   | 1989(1) (1)                          |           |          |       |
|   | Universe: Households                 |           |          |       |
|   | Total.....                           | 17090.... | 904....  | 1     |
| PB67. HOUSEHOLD TYPE(2) BY TENURE(2) BY       |                                      |           |          |       |
|   | AGE OF HOUSEHOLDER(8) (32)           |           |          |       |
|   | Universe: Households                 |           |          |       |
|   | Family households:                   |           |          |       |
|   | Owner occupied:                      |           |          |       |
|   | Householder 15 to 24 years.....      | 17105.... | 919....  | 1,1,1 |
|   | Householder 25 to 34 years.....      | 17114.... | 928....  | 1,1,2 |
|   | Householder 35 to 44 years.....      | 17123.... | 937....  | 1,1,3 |
|   | Householder 45 to 54 years.....      | 17132.... | 946....  | 1,1,4 |
|   | Householder 55 to 59 years.....      | 17141.... | 955....  | 1,1,5 |
|   | Householder 60 to 64 years.....      | 17150.... | 964....  | 1,1,6 |
|   | Householder 65 to 74 years.....      | 17159.... | 973....  | 1,1,7 |
|   | Householder 75 years and over...     | 17168.... | 982....  | 1,1,8 |
|   | Renter occupied:                     |           |          |       |
|   | (Repeat AGE OF HOUSEHOLDER).....     | 17177.... | 991....  | 1,2,1 |
|   | Nonfamily households:                |           |          |       |
|   | (Repeat TENURE By AGE OF HOUSE-      |           |          |       |
|   | HOLDER).....                         | 17249.... | 1063.... | 2,1,1 |
| PB68. AGGREGATE HOUSEHOLD INCOME IN 1989(1)   |                                      |           |          |       |
|   | BY HOUSEHOLD TYPE(2) BY TENURE(2) BY |           |          |       |
|   | AGE OF HOUSEHOLDER(8) (32)           |           |          |       |
|   | Universe: Households                 |           |          |       |
|   | Total:                               |           |          |       |

|       |                                       |           |          |         |
|-------|---------------------------------------|-----------|----------|---------|
|       | Family households:                    |           |          |         |
|       | Owner occupied:                       |           |          |         |
|       | Householder 15 to 24 years....        | 17393.... | 1207.... | 1,1,1,1 |
|       | Householder 25 to 34 years....        | 17408.... | 1222.... | 1,1,1,2 |
|       | Householder 35 to 44 years....        | 17423.... | 1237.... | 1,1,1,3 |
|       | Householder 45 to 54 years....        | 17438.... | 1252.... | 1,1,1,4 |
|       | Householder 55 to 59 years....        | 17453.... | 1267.... | 1,1,1,5 |
|       | Householder 60 to 64 years....        | 17468.... | 1282.... | 1,1,1,6 |
|       | Householder 65 to 74 years....        | 17483.... | 1297.... | 1,1,1,7 |
|       | Householder 75 years and over.        | 17498.... | 1312.... | 1,1,1,8 |
|       | Renter occupied:                      |           |          |         |
|       | (Repeat AGE OF HOUSEHOLDER)...        | 17513.... | 1327.... | 1,1,2,1 |
|       | Nonfamily households:                 |           |          |         |
|       | (Repeat TENURE By AGE OF              |           |          |         |
|       | HOUSEHOLDER).....                     | 17633.... | 1447.... | 1,2,1,1 |
| PB69. | EARNINGS IN 1989(2) (2)               |           |          |         |
|       | Universe: Households                  |           |          |         |
|       | With earnings.....                    | 17873.... | 1687.... | 1       |
|       | No earnings.....                      | 17882.... | 1696.... | 2       |
| PB70. | WAGE OR SALARY INCOME IN 1989(2) (2)  |           |          |         |
|       | Universe: Households                  |           |          |         |
|       | With wage or salary income.....       | 17891.... | 1705.... | 1       |
|       | No wage or salary income.....         | 17900.... | 1714.... | 2       |
| PB71. | NONFARM SELF-EMPLOYMENT INCOME IN     |           |          |         |
|       | 1989(2) (2)                           |           |          |         |
|       | Universe: Households                  |           |          |         |
|       | With nonfarm self-employment income.  | 17909.... | 1723.... | 1       |
|       | No nonfarm self-employment income...  | 17918.... | 1732.... | 2       |
| PB72. | FARM SELF-EMPLOYMENT INCOME IN        |           |          |         |
|       | 1989(2) (2)                           |           |          |         |
|       | Universe: Households                  |           |          |         |
|       | With farm self-employment income....  | 17927.... | 1741.... | 1       |
|       | No farm self-employment income.....   | 17936.... | 1750.... | 2       |
| PB73. | INTEREST, DIVIDEND, OR NET RENTAL     |           |          |         |
|       | INCOME IN 1989(2) (2)                 |           |          |         |
|       | Universe: Households                  |           |          |         |
|       | With Interest, dividend, or net       |           |          |         |
|       | rental income.....                    | 17945.... | 1759.... | 1       |
|       | No interest dividend, or net rental   |           |          |         |
|       | income.....                           | 17964.... | 1768.... | 2       |
| PB74. | SOCIAL SECURITY INCOME IN 1989(2) (2) |           |          |         |
|       | Universe: Households                  |           |          |         |
|       | With Social Security Income.....      | 17963.... | 1777.... | 1       |
|       | No Social Security income.....        | 17972.... | 1786.... | 2       |

|       |  |           |          |   |
|-------|--|-----------|----------|---|
| PB75. | PUBLIC ASSISTANCE INCOME IN 1989(2) (2)                              |           |          |   |
|       | Universe: Households   |           |          |   |
|       | With public assistance income.....                                   | 17981.... | 1795.... | 1 |
|       | No public assistance income.....                                     | 17990.... | 1804.... | 2 |
| PB76. | RETIREMENT INCOME IN 1989(2) (2)                                     |           |          |   |
|       | Universe: Households   |           |          |   |
|       | With retirement income.....  | 17999.... | 1813.... | 1 |
|       | No retirement income.....  | 18008.... | 1822.... | 2 |
| PB77. | OTHER TYPE OF INCOME IN 1989(2) (2)                                  |           |          |   |
|       | Universe: Households   |           |          |   |
|       | With other income.....   | 18017.... | 1831.... | 1 |
|       | No other income.....   | 18026.... | 1840.... | 2 |
| PB78. | AGGREGATE WAGE OR SALARY INCOME IN<br>1989(1) (1)                    |           |          |   |
|       | Universe: Households   |           |          |   |
|       | Total.....   | 18035.... | 1849.... | 1 |
| PB79. | AGGREGATE NONFARM SELF-EMPLOYMENT<br>INCOME IN 1989(1) (1)           |           |          |   |
|       | Universe: Households   |           |          |   |
|       | Total.....   | 18050.... | 1864.... | 1 |
| PB80. | AGGREGATE FARM SELF-EMPLOYMENT INCOME<br>IN 1989(1) (1)              |           |          |   |
|       | Universe: Households   |           |          |   |
|       | Total.....   | 18065.... | 1879.... | 1 |
| PB81. | AGGREGATE INTEREST, DIVIDEND, OR NET<br>RENTAL INCOME IN 1989(1) (1) |           |          |   |
|       | Universe: Households   |           |          |   |
|       | Total.....   | 18080.... | 1894.... | 1 |
| PB82. | AGGREGATE SOCIAL SECURITY INCOME IN<br>1989(1) (1)                   |           |          |   |
|       | Universe: Households   |           |          |   |
|       | Total.....   | 18095.... | 1909.... | 1 |
| PB83. | AGGREGATE PUBLIC ASSISTANCE INCOME<br>IN 1989(1) (1)                 |           |          |   |
|       | Universe: Households   |           |          |   |
|       | Total.....   | 18110.... | 1924.... | 1 |
| PB84. | AGGREGATE RETIREMENT INCOME IN<br>1989(1) (1)                        |           |          |   |
|       | Universe: Households   |           |          |   |
|       | Total.....   | 18125.... | 1939.... | 1 |
| PB85. | AGGREGATE OTHER TYPE OF INCOME IN                                    |           |          |   |

|       |   |           |          |      |
|-------|---|-----------|----------|------|
|       | 1989(1) (1)   |           |          |      |
|       | Universe: Households  |           |          |      |
|       | Total.....  | 18140.... | 1954.... | 1    |
| PB86. | FAMILY INCOME IN 1989(25) BY FAMILY<br>TYPE AND PRESENCE AND AGE OF<br>CHILDREN(12) (300) |           |          |      |
|       | Universe: Families  |           |          |      |
|       | Less than \$5,000:  |           |          |      |
|       | Married-couple family:  |           |          |      |
|       | With own children under 18 years:   |           |          |      |
|       | Under 6 years only.....   | 18155.... | 1969.... | 1,1  |
|       | 6 to 17 years only.....   | 18164.... | 1978.... | 1,2  |
|       | Under 6 years and 6 to 17<br>years.....   | 18173.... | 1987.... | 1,3  |
|       | No own children under 18 years..  | 18182.... | 1996.... | 1,4  |
|       | Other family:   |           |          |      |
|       | Male householder, no wife present:  |           |          |      |
|       | With own children under 18 years:   |           |          |      |
|       | Under 6 years only.....   | 18191.... | 2005.... | 1,5  |
|       | 6 to 17 years only.....   | 18200.... | 2014.... | 1,6  |
|       | Under 6 years and 6 to 17<br>years.....   | 18209.... | 2023.... | 1,7  |
|       | No own children under 18 years  | 18218.... | 2032.... | 1,8  |
|       | Female householder, no husband<br>present:  |           |          |      |
|       | With own children under 18 years:   |           |          |      |
|       | Under 6 years only.....   | 18227.... | 2041.... | 1,9  |
|       | 6 to 17 years only.....   | 18236.... | 2050.... | 1,10 |
|       | Under 6 years and 6 to 17<br>years.....   | 18245.... | 2059.... | 1,11 |
|       | No own children under 18 years  | 18254.... | 2068.... | 1,12 |
|       | \$5,000 to \$9,999:   |           |          |      |
|       | (Repeat FAMILY TYPE AND PRESENCE<br>AND AGE OF CHILDREN).....                             | 18263.... | 2077.... | 2,1  |
|       | \$10,000 to \$12,499:   |           |          |      |
|       | (Repeat FAMILY TYPE AND PRESENCE<br>AND AGE OF CHILDREN).....                             | 18371.... | 2185.... | 3,1  |
|       | \$12,500 to \$14,999:   |           |          |      |
|       | (Repeat FAMILY TYPE AND PRESENCE<br>AND AGE OF CHILDREN).....                             | 18479.... | 2293.... | 4,1  |
|       | \$15,000 to \$17,499:   |           |          |      |
|       | (Repeat FAMILY TYPE AND PRESENCE<br>AND AGE OF CHILDREN).....                             | 18587.... | 2401.... | 5,1  |
|       | \$17,500 to \$19,999:   |           |          |      |
|       | (Repeat FAMILY TYPE AND PRESENCE<br>AND AGE OF CHILDREN).....                             | 18695.... | 2509.... | 6,1  |
|       | \$20,000 to \$22,499:   |           |          |      |
|       | (Repeat FAMILY TYPE AND PRESENCE<br>AND AGE OF CHILDREN).....                             | 18803.... | 2617.... | 7,1  |
|       | \$22,500 to \$24,999:   |           |          |      |



|   |           |          |      |
|---|-----------|----------|------|
| (Repeat FAMILY TYPE AND PRESENCE<br>AND AGE OF CHILDREN)..... | 18911.... | 2725.... | 8,1  |
| \$25,000 to \$27,499:   |           |          |      |
| (Repeat FAMILY TYPE AND PRESENCE<br>AND AGE OF CHILDREN)..... | 19019.... | 2833.... | 9,1  |
| \$27,500 to \$29,999:   |           |          |      |
| (Repeat FAMILY TYPE AND PRESENCE<br>AND AGE OF CHILDREN)..... | 19127.... | 2941.... | 10,1 |
| \$30,000 to \$32,499:   |           |          |      |
| (Repeat FAMILY TYPE AND PRESENCE<br>AND AGE OF CHILDREN)..... | 19235.... | 3049.... | 11,1 |
| \$32,500 to \$34,999:   |           |          |      |
| (Repeat FAMILY TYPE AND PRESENCE<br>AND AGE OF CHILDREN)..... | 19343.... | 3157.... | 12,1 |
| \$35,000 to \$37,499:   |           |          |      |
| (Repeat FAMILY TYPE AND PRESENCE<br>AND AGE OF CHILDREN)..... | 19451.... | 3265.... | 13,1 |
| \$37,500 to \$39,999:   |           |          |      |
| (Repeat FAMILY TYPE AND PRESENCE<br>AND AGE OF CHILDREN)..... | 19659.... | 3373.... | 14,1 |
| \$40,000 to \$42,499:   |           |          |      |
| (Repeat FAMILY TYPE AND PRESENCE<br>AND AGE OF CHILDREN)..... | 19667.... | 3481.... | 15,1 |
| \$42,500 to \$44,999:   |           |          |      |
| (Repeat FAMILY TYPE AND PRESENCE<br>AND AGE OF CHILDREN)..... | 19775.... | 3589.... | 16,1 |
| \$45,000 to \$47,499:   |           |          |      |
| (Repeat FAMILY TYPE AND PRESENCE<br>AND AGE OF CHILDREN)..... | 19883.... | 3697.... | 17,1 |
| \$47,500 to \$49,999:   |           |          |      |
| (Repeat FAMILY TYPE AND PRESENCE<br>AND AGE OF CHILDREN)..... | 19991.... | 3805.... | 18,1 |
| \$50,000 to \$54,999:   |           |          |      |
| (Repeat FAMILY TYPE AND PRESENCE<br>AND AGE OF CHILDREN)..... | 20099.... | 3913.... | 19,1 |
| \$55,000 to \$59,999:   |           |          |      |
| (Repeat FAMILY TYPE AND PRESENCE<br>AND AGE OF CHILDREN)..... | 20207.... | 4021.... | 20,1 |
| \$60,000 to \$74,999:   |           |          |      |
| (Repeat FAMILY TYPE AND PRESENCE<br>AND AGE OF CHILDREN)..... | 20315.... | 4129.... | 21,1 |
| \$75,000 to \$99,999:   |           |          |      |
| (Repeat FAMILY TYPE AND PRESENCE<br>AND AGE OF CHILDREN)..... | 20423.... | 4237.... | 22,1 |
| \$100,000 to \$124,999:                                       |           |          |      |
| (Repeat FAMILY TYPE AND PRESENCE<br>AND AGE OF CHILDREN)..... | 20531.... | 4345.... | 23,1 |
| \$125,000 to \$149,999:                                       |           |          |      |
| (Repeat FAMILY TYPE AND PRESENCE<br>AND AGE OF CHILDREN)..... | 20639.... | 4453.... | 24,1 |
| \$150,000 or more:  |           |          |      |

|        |  |           |          |      |
|--------|--|-----------|----------|------|
|        | (Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN).....   | 20747.... | 4561.... | 25,1 |
| PB86A. | MEDIAN FAMILY INCOME IN 1989(1) BY FAMILY TYPE(3) (3)<br>Universe: Families<br>Median family income in 1989:                                     |           |          |      |
|        | Married-couple family.....   | 20855.... | 4669.... | 1,1  |
|        | Other family:  |           |          |      |
|        | Male householder, no wife present.....   | 20864.... | 4678.... | 1,2  |
|        | Female householder, no husband present.....  | 20873.... | 4687.... | 1,3  |
| PB86B. | MEDIAN FAMILY INCOME IN 1989(1) BY FAMILY TYPE AND PRESENCE OF CHILDREN(6) (6)<br>Universe: Families<br>Median family income in 1989:            |           |          |      |
|        | Married-couple family:   |           |          |      |
|        | With own children under 18 years   | 20882.... | 4696.... | 1,1  |
|        | No own children under 18 years..   | 20891.... | 4705.... | 1,2  |
|        | Other family:  |           |          |      |
|        | Male householder, no wife present:   |           |          |      |
|        | With own children under 18 years.....  | 20900.... | 4714.... | 1,3  |
|        | No own children under 18 years   | 20909.... | 4723.... | 1,4  |
|        | Female householder, no husband present:  |           |          |      |
|        | With own children under 18 years.....  | 20918.... | 4732.... | 1,5  |
|        | No own children under 18 years   | 20927.... | 4741.... | 1,6  |
| PB86C. | MEDIAN FAMILY INCOME IN 1989(1) BY FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN (12) (12)<br>Universe: Families<br>Median family income in 1989: |           |          |      |
|        | Married-couple family:   |           |          |      |
|        | With own children under 18 years:  |           |          |      |
|        | Under 6 years only.....  | 20936.... | 4750.... | 1,1  |
|        | 6 to 17 years only.....  | 20945.... | 4759.... | 1,2  |
|        | Under 6 years and 6 to 17 years.....   | 20954.... | 4768.... | 1,3  |
|        | No own children under 18 years...  | 20963.... | 4777.... | 1,4  |
|        | Other family:  |           |          |      |
|        | Male householder, no wife present:   |           |          |      |
|        | With own children under 18 years:  |           |          |      |
|        | Under 6 years only.....  | 20972.... | 4786.... | 1,5  |
|        | 6 to 17 years only.....  | 20981.... | 4795.... | 1,6  |

|       |   |           |          |      |
|-------|---|-----------|----------|------|
|       | Under 6 years and 6 to 17<br>years.....   | 20990.... | 4804.... | 1,7  |
|       | No own children under 18 years.   | 20999.... | 4813.... | 1,8  |
|       | Female householder, no husband<br>present:  |           |          |      |
|       | With own children under 18 years:   |           |          |      |
|       | Under 6 years only.....   | 21008.... | 4822.... | 1,9  |
|       | 6 to 17 years only.....   | 21017.... | 4831.... | 1,10 |
|       | Under 6 years and 6 to 17<br>years.....   | 21026.... | 4840.... | 1,11 |
|       | No own children under 18 years.   | 21035.... | 4849.... | 1,12 |
| PB87. | AGGREGATE FAMILY INCOME IN 1989(1) BY<br>FAMILY TYPE AND PRESENCE AND AGE OF<br>CHILDREN(12) (12) |           |          |      |
|       | Universe: Families  |           |          |      |
|       | Total:  |           |          |      |
|       | Married-couple family:  |           |          |      |
|       | With own children under 18 years:   |           |          |      |
|       | Under 6 years only.....   | 21044.... | 4858.... | 1,1  |
|       | 6 to 17 years only.....   | 21059.... | 4873.... | 1,2  |
|       | Under 6 years and 6 to 17<br>years.....   | 21074.... | 4888.... | 1,3  |
|       | No own children under 18 years..  | 21089.... | 4903.... | 1,4  |
|       | Other family:   |           |          |      |
|       | Male householder, no wife present:  |           |          |      |
|       | With own children under 18 years:   |           |          |      |
|       | Under 6 years only.....   | 21104.... | 4918.... | 1,5  |
|       | 6 to 17 years only.....   | 21119.... | 4933.... | 1,6  |
|       | Under 6 years and 6 to 17<br>years.....   | 21134.... | 4948.... | 1,7  |
|       | No own children under 18 years  | 21149.... | 4963.... | 1,8  |
|       | Female householder, no husband<br>present:  |           |          |      |
|       | With own children under 18 years:   |           |          |      |
|       | Under 6 years only.....   | 21164.... | 4978.... | 1,9  |
|       | 6 to 17 years only.....   | 21179.... | 4993.... | 1,10 |
|       | Under 6 years and 6 to 17<br>years.....   | 21194.... | 5008.... | 1,11 |
|       | No own children under 18 years  | 21209.... | 5023.... | 1,12 |
| PB88. | WORKERS IN FAMILY IN 1989(4) BY<br>FAMILY INCOME IN 1989(25) (100)                                |           |          |      |
|       | Universe: Families  |           |          |      |
|       | No workers:   |           |          |      |
|       | Less than \$5,000.....  | 21224.... | 5038.... | 1,1  |
|       | \$5,000 to \$9,999.....   | 21233.... | 5047.... | 1,2  |
|       | \$10,000 to \$12,499.....   | 21242.... | 5056.... | 1,3  |
|       | \$12,500 to \$14,999.....   | 21251.... | 5065.... | 1,4  |
|       | \$15,000 to \$17,499.....   | 21260.... | 5074.... | 1,5  |
|       | \$17,500 to \$19,999.....   | 21269.... | 5083.... | 1,6  |

|  |           |          |      |
|--|-----------|----------|------|
| \$20,000 to \$22,499.....  | 21278.... | 5092.... | 1,7  |
| \$22,500 to \$24,999.....  | 21287.... | 5101.... | 1,8  |
| \$25,000 to \$27,499.....  | 21296.... | 5110.... | 1,9  |
| \$27,500 to \$29,999.....  | 21305.... | 5119.... | 1,10 |
| \$30,000 to \$32,499.....  | 21314.... | 5128.... | 1,11 |
| \$32,500 to \$34,999.....  | 21323.... | 5137.... | 1,12 |
| \$35,000 to \$37,499.....  | 21332.... | 5146.... | 1,13 |
| \$37,500 to \$39,999.....  | 21341.... | 5155.... | 1,14 |
| \$40,000 to \$42,499.....  | 21350.... | 5164.... | 1,15 |
| \$42,500 to \$44,999.....  | 21359.... | 5173.... | 1,16 |
| \$45,000 to \$47,499.....  | 21368.... | 5182.... | 1,17 |
| \$47,500 to \$49,999.....  | 21377.... | 5191.... | 1,18 |
| \$50,000 to \$54,999.....  | 21386.... | 5200.... | 1,19 |
| \$55,000 to \$59,999.....  | 21395.... | 5209.... | 1,20 |
| \$60,000 to \$74,999.....  | 21404.... | 5218.... | 1,21 |
| \$75,000 to \$99,999.....  | 21413.... | 5227.... | 1,22 |
| \$100,000 to \$124,999.....  | 21422.... | 5236.... | 1,23 |
| \$125,000 to \$149,999.....  | 21431.... | 5245.... | 1,24 |
| \$150,000 or more.....   | 21440.... | 5254.... | 1,25 |
| 1 worker:  |           |          |      |
| (Repeat FAMILY INCOME IN 1989)....   | 21449.... | 5263.... | 2,1  |
| 2 or more workers, husband and wife<br>worked:   |           |          |      |
| (Repeat FAMILY INCOME IN 1989)....   | 21674.... | 5488.... | 3,1  |
| 2 or more workers, other:  |           |          |      |
| (Repeat FAMILY INCOME IN 1989)....   | 21899.... | 5713.... | 4,1  |
| PB88A. MEDIAN FAMILY INCOME IN 1989(1) (1)<br>Universe: Families<br>Median family income in 1989.....                                | 22124.... | 5938.... | 1    |
| PB88B. MEDIAN FAMILY INCOME IN 1989(1) BY<br>WORKERS IN FAMILY IN 1989(3) (3)<br>Universe: Families<br>Median family income in 1989: |           |          |      |
| No workers.....  | 22133.... | 5947.... | 1,1  |
| 1 worker.....  | 22142.... | 5956.... | 1,2  |
| 2 or more workers.....   | 22151.... | 5965.... | 1,3  |
| PB88C. MEDIAN FAMILY INCOME IN 1989(1) BY<br>WORKERS IN FAMILY IN 1989(4) (4)<br>Universe: Families<br>Median family income in 1989: |           |          |      |
| No workers.....  | 22160.... | 5974.... | 1,1  |
| 1 worker.....  | 22169.... | 5983.... | 1,2  |
| 2 or more workers, husband and<br>wife worked.....   | 22178.... | 5992.... | 1,3  |
| 2 or more workers, other.....  | 22187.... | 6001.... | 1,4  |
| PB89. AGGREGATE FAMILY INCOME IN 1989(1)<br>BY WORKERS IN FAMILY IN 1989(6) (6)  |           |          |      |

Universe: Families

Total:

|   |           |          |     |
|---|-----------|----------|-----|
| No workers.....                                 | 22196.... | 6010.... | 1,1 |
| 1 worker.....                                   | 22211.... | 6025.... | 1,2 |
| 2 workers, husband and wife worked              | 22226.... | 6040.... | 1,3 |
| 2 workers, other.....                           | 22241.... | 6055.... | 1,4 |
| 3 or more workers, husband and wife worked..... | 22256.... | 6070.... | 1,5 |
| 3 or more workers, other.....                   | 22271.... | 6085.... | 1,6 |

PB90. PERSONS IN FAMILY(6) BY FAMILY INCOME IN 1989(25) (150)

Universe: Families

2 persons:

|                             |           |          |      |
|-----------------------------|-----------|----------|------|
| Less than \$5,000.....      | 22286.... | 6100.... | 1,1  |
| \$5,000 to \$9,999.....     | 22295.... | 6109.... | 1,2  |
| \$10,000 to \$12,499.....   | 22304.... | 6118.... | 1,3  |
| \$12,500 to \$14,999.....   | 22313.... | 6127.... | 1,4  |
| \$15,000 to \$17,499.....   | 22322.... | 6136.... | 1,5  |
| \$17,500 to \$19,999.....   | 22331.... | 6145.... | 1,6  |
| \$20,000 to \$22,499.....   | 22340.... | 6154.... | 1,7  |
| \$22,500 to \$24,999.....   | 22349.... | 6163.... | 1,8  |
| \$25,000 to \$27,499.....   | 22358.... | 6172.... | 1,9  |
| \$27,500 to \$29,999.....   | 22367.... | 6181.... | 1,10 |
| \$30,000 to \$32,499.....   | 22376.... | 6190.... | 1,11 |
| \$32,500 to \$34,999.....   | 22385.... | 6199.... | 1,12 |
| \$35,000 to \$37,499.....   | 22394.... | 6208.... | 1,13 |
| \$37,500 to \$39,999.....   | 22403.... | 6217.... | 1,14 |
| \$40,000 to \$42,499.....   | 22412.... | 6226.... | 1,15 |
| \$42,500 to \$44,999.....   | 22421.... | 6235.... | 1,16 |
| \$45,000 to \$47,499.....   | 22430.... | 6244.... | 1,17 |
| \$47,500 to \$49,999.....   | 22439.... | 6253.... | 1,18 |
| \$50,000 to \$54,999.....   | 22448.... | 6262.... | 1,19 |
| \$55,000 to \$59,999.....   | 22457.... | 6271.... | 1,20 |
| \$60,000 to \$74,999.....   | 22466.... | 6280.... | 1,21 |
| \$75,000 to \$99,999.....   | 22475.... | 6289.... | 1,22 |
| \$100,000 to \$124,999..... | 22484.... | 6298.... | 1,23 |
| \$125,000 to \$149,999..... | 22493.... | 6307.... | 1,24 |
| \$150,000 or more.....      | 22502.... | 6316.... | 1,25 |

3 persons:

|                                    |           |          |     |
|------------------------------------|-----------|----------|-----|
| (Repeat FAMILY INCOME IN 1989).... | 22511.... | 6325.... | 2,1 |
|------------------------------------|-----------|----------|-----|

4 persons:

|                                    |           |          |     |
|------------------------------------|-----------|----------|-----|
| (Repeat FAMILY INCOME IN 1989).... | 22736.... | 6550.... | 3,1 |
|------------------------------------|-----------|----------|-----|

5 persons:

|                                    |           |          |     |
|------------------------------------|-----------|----------|-----|
| (Repeat FAMILY INCOME IN 1989).... | 22961.... | 6775.... | 4,1 |
|------------------------------------|-----------|----------|-----|

6 persons:

|                                    |           |          |     |
|------------------------------------|-----------|----------|-----|
| (Repeat FAMILY INCOME IN 1989).... | 23186.... | 7000.... | 5,1 |
|------------------------------------|-----------|----------|-----|

7 or more persons:

|                                    |           |          |     |
|------------------------------------|-----------|----------|-----|
| (Repeat FAMILY INCOME IN 1989).... | 23411.... | 7225.... | 6,1 |
|------------------------------------|-----------|----------|-----|

PB90A. MEDIAN FAMILY INCOME IN 1989(1) BY

PERSONS IN FAMILY(6) (6)

Universe: Families

Median family income in 1989:

|                        |           |          |     |
|------------------------|-----------|----------|-----|
| 2 persons.....         | 23636.... | 7450.... | 1,1 |
| 3 persons.....         | 23645.... | 7459.... | 1,2 |
| 4 persons.....         | 23654.... | 7468.... | 1,3 |
| 5 persons.....         | 23663.... | 7477.... | 1,4 |
| 6 persons.....         | 23672.... | 7486.... | 1,5 |
| 7 or more persons..... | 23681.... | 7495.... | 1,6 |

PB91. SEX OF HOUSEHOLDER(2) BY HOUSEHOLD  
TYPE(2) BY AGE OF HOUSEHOLDER(2)  
BY NONFAMILY HOUSEHOLD INCOME IN  
1989(25) (200)

Universe: Nonfamily households

Male householder:

Living alone:

Householder 15 to 64 years:

|                             |           |          |          |
|-----------------------------|-----------|----------|----------|
| Less than \$5,000.....      | 23690.... | 7504.... | 1,1,1,1  |
| \$5,000 to \$9,999.....     | 23699.... | 7513.... | 1,1,1,2  |
| \$10,000 to \$12,499.....   | 23708.... | 7522.... | 1,1,1,3  |
| \$12,500 to \$14,999.....   | 23717.... | 7531.... | 1,1,1,4  |
| \$15,000 to \$17,499.....   | 23726.... | 7540.... | 1,1,1,5  |
| \$17,500 to \$19,999.....   | 23735.... | 7549.... | 1,1,1,6  |
| \$20,000 to \$22,499.....   | 23744.... | 7558.... | 1,1,1,7  |
| \$22,500 to \$24,999.....   | 23753.... | 7567.... | 1,1,1,8  |
| \$25,000 to \$27,499.....   | 23762.... | 7576.... | 1,1,1,9  |
| \$27,500 to \$29,999.....   | 23771.... | 7585.... | 1,1,1,10 |
| \$30,000 to \$32,499.....   | 23780.... | 7594.... | 1,1,1,11 |
| \$32,500 to \$34,999.....   | 23789.... | 7603.... | 1,1,1,12 |
| \$35,000 to \$37,499.....   | 23798.... | 7612.... | 1,1,1,13 |
| \$37,500 to \$39,999.....   | 23807.... | 7621.... | 1,1,1,14 |
| \$40,000 to \$42,499.....   | 23816.... | 7630.... | 1,1,1,15 |
| \$42,500 to \$44,999.....   | 23825.... | 7639.... | 1,1,1,16 |
| \$45,000 to \$47,499.....   | 23834.... | 7648.... | 1,1,1,17 |
| \$47,500 to \$49,999.....   | 23843.... | 7657.... | 1,1,1,18 |
| \$50,000 to \$54,999.....   | 23852.... | 7666.... | 1,1,1,19 |
| \$55,000 to \$59,999.....   | 23861.... | 7675.... | 1,1,1,20 |
| \$60,000 to \$74,999.....   | 23870.... | 7684.... | 1,1,1,21 |
| \$75,000 to \$99,999.....   | 23879.... | 7693.... | 1,1,1,22 |
| \$100,000 to \$124,999..... | 23888.... | 7702.... | 1,1,1,23 |
| \$125,000 to \$149,999..... | 23897.... | 7711.... | 1,1,1,24 |
| \$150,000 or more.....      | 23906.... | 7720.... | 1,1,1,25 |

Householder 65 years and over:

(Repeat NONFAMILY HOUSEHOLD  
INCOME IN 1989).....

|           |          |         |
|-----------|----------|---------|
| 23915.... | 7729.... | 1,1,2,1 |
|-----------|----------|---------|

Not living alone:

(Repeat AGE OF HOUSEHOLDER By  
NONFAMILY HOUSEHOLD INCOME IN  
1989).....

|           |          |         |
|-----------|----------|---------|
| 24140.... | 7954.... | 1,2,1,1 |
|-----------|----------|---------|

|   |           |          |          |  |
|---|-----------|----------|----------|--|
| Filler.....   | 24275.... | 8089     |          |  |
| End of Segment  |           |          |          |  |
| Not living alone:   |           |          |          |  |
| (Repeat AGE OF HOUSEHOLDER By<br>NONFAMILY HOUSEHOLD INCOME IN<br>1989).....  | 24580.... | 301...   | 1,2,1,16 |  |
| Female householder:   |           |          |          |  |
| (Repeat HOUSEHOLD TYPE By AGE OF<br>HOUSEHOLDER By NONFAMILY HOUSEHOLD<br>INCOME IN 1989).....  | 24895.... | 616....  | 2,1,1,1  |  |
| <br>PB91A. MEDIAN NONFAMILY HOUSEHOLD INCOME IN<br>1989(1) BY SEX OF HOUSEHOLDER(2) (2)   |           |          |          |  |
| Universe: Nonfamily households  |           |          |          |  |
| Median nonfamily household income<br>in 1989:   |           |          |          |  |
| Male householder.....   | 25795.... | 1516.... | 1,1      |  |
| Female householder.....   | 25804.... | 1525.... | 1,2      |  |
| <br>PB91B. MEDIAN NONFAMILY HOUSEHOLD INCOME<br>IN 1989(1) BY SEX OF HOUSEHOLDER(2)<br>BY HOUSEHOLD TYPE(2) (4)                             |           |          |          |  |
| Universe: Nonfamily households  |           |          |          |  |
| Median nonfamily household income<br>in 1989:   |           |          |          |  |
| Male householder:   |           |          |          |  |
| Living alone.....   | 25813.... | 1534.... | 1,1,1    |  |
| Not living alone.....   | 25822.... | 1543.... | 1,1,2    |  |
| Female householder  |           |          |          |  |
| (Repeat HOUSEHOLD TYPE).....  | 25831.... | 1552.... | 1,2,1    |  |
| <br>PB91C. MEDIAN NONFAMILY HOUSEHOLD INCOME IN<br>1989(1) BY SEX OF HOUSEHOLDER(2) BY<br>HOUSEHOLD TYPE(2) BY AGE OF<br>HOUSEHOLDER(2) (8) |           |          |          |  |
| Universe: Nonfamily households  |           |          |          |  |
| Median nonfamily household income in<br>1989:   |           |          |          |  |
| Male householder:   |           |          |          |  |
| Living alone:   |           |          |          |  |
| Householder 15 to 64 years....  | 25849.... | 1570.... | 1,1,1,1  |  |
| Householder 65 years and over.  | 25858.... | 1579.... | 1,1,1,2  |  |
| Not living alone:   |           |          |          |  |
| (Repeat AGE OF HOUSEHOLDER)...  | 25867.... | 1588.... | 1,1,2,1  |  |
| Female householder:   |           |          |          |  |
| (Repeat HOUSEHOLD TYPE HOUSE-<br>HOLDER).....   | 25885.... | 1606.... | 1,2,1,1  |  |
| <br>PB92. AGGREGATE NONFAMILY HOUSEHOLD INCOME<br>IN 1989(1) BY SEX OF HOUSEHOLDER(2)   |           |          |          |  |

BY HOUSEHOLD TYPE(2) BY AGE OF  
HOUSEHOLDER(2) (8)

Universe: Nonfamily households

Total:

Male householder:

Living alone:

Householder 15 to 64 years.... 25921.... 1642....1,1,1,1

Householder 65 years and over. 25936.... 1657....1,1,1,2

Not living alone:

(Repeat AGE OF HOUSEHOLDER)... 25951.... 1672....1,1,2,1

Female householder:

(Repeat HOUSEHOLD TYPE By AGE OF  
HOUSEHOLDER)..... 25981.... 1702....1,2,1,1

PB93. SEX(2) BY WEEKS WORKED IN 1989 AND  
USUAL HOURS WORKED PER WEEK IN  
1989(2) BY INCOME IN 1989(23) 192)

Universe: Persons 15 years and over

Male:

Worked year round full time in 1989:

No income..... 26041.... 1762.... 1,1,1

With income:

\$1 to \$2,499 or loss..... 26050.... 1771.... 1,1,2

\$2,500 to \$4,999..... 26059.... 1780.... 1,1,3

\$5,000 to \$7,499..... 26068.... 1789.... 1,1,4

\$7,500 to \$9,999..... 26077.... 1798.... 1,1,5

\$10,000 to \$12,499..... 26086.... 1807.... 1,1,6

\$12,500 to \$14,999..... 26095.... 1816.... 1,1,7

\$15,000 to \$17,499..... 26104.... 1825.... 1,1,8

\$17,500 to \$19,999..... 26113.... 1834.... 1,1,9

\$20,000 to \$22,499..... 26122.... 1843.... 1,1,10

\$22,500 to \$24,999..... 26131.... 1852.... 1,1,11

\$25,000 to \$27,499..... 26140.... 1861.... 1,1,12

\$27,500 to \$29,999..... 26149.... 1870.... 1,1,13

\$30,000 to \$32,499..... 26158.... 1879.... 1,1,14

\$32,500 to \$34,999..... 26167.... 1888.... 1,1,15

\$35,000 to \$37,499..... 26176.... 1897.... 1,1,16

\$37,500 to \$39,999..... 26185.... 1906.... 1,1,17

\$40,000 to \$44,999..... 26194.... 1915.... 1,1,18

\$45,000 to \$49,999..... 26203.... 1924.... 1,1,19

\$50,000 to \$59,999..... 26212.... 1933.... 1,1,20

\$60,000 to \$74,999..... 26221.... 1942.... 1,1,21

\$75,000 to \$99,999..... 26230.... 1951.... 1,1,22

\$100,000 or more..... 26239.... 1960.... 1,1,23

Other:

(Repeat INCOME IN 1989)..... 26248.... 1969.... 1,2,1

Female:

(Repeat WEEKS WORKED IN 1989 AND  
USUAL HOURS WORKED PER WEEK IN

1989 By INCOME IN 1989)..... 26455.... 2176.... 2,1,1



PB93A. MEDIAN INCOME IN 1989(1) BY SEX(2) (2)  
 Universe: Persons 15 years and over  
 with income in 1989  
 Median income in 1989:

|             |           |          |     |
|-------------|-----------|----------|-----|
| Male.....   | 26869.... | 2590.... | 1,1 |
| Female..... | 26878.... | 2599.... | 1,2 |

PB93B. MEDIAN INCOME IN 1989(1) BY SEX(2)  
 BY WEEKS WORKED IN 1989 AND USUAL  
 HOURS WORKED PER WEEK IN 1989(2) (4)  
 Universe: Persons 15 years and over  
 with income in 1989  
 Median income in 1989:

|  |           |          |       |
|--|-----------|----------|-------|
| Male:  |           |          |       |
| Worked year round full time in<br>1989.....                                      | 26887.... | 2608.... | 1,1,1 |
| Other.....   | 26896.... | 2617.... | 1,1,2 |
| Female:  |           |          |       |
| (Repeat WEEKS WORKED IN 1989 AND<br>USUAL HOURS WORKED PER WEEK IN<br>1989)..... | 26905.... | 2626.... | 1,2,1 |

PB94. AGGREGATE INCOME IN 1989(1) BY SEX(2)  
 BY WEEKS WORKED IN 1989 AND USUAL  
 HOURS WORKED PER WEEK IN 1989(2) (4)  
 Universe: Persons 15 years and over  
 Total:

|  |           |          |       |
|--|-----------|----------|-------|
| Male:  |           |          |       |
| Worked year round full time in<br>1989.....                                      | 26923.... | 2644.... | 1,1,1 |
| Other.....   | 26938.... | 2659.... | 1,1,2 |
| Female:  |           |          |       |
| (Repeat WEEKS WORKED IN 1989 AND<br>USUAL HOURS WORKED PER WEEK IN<br>1989)..... | 26953.... | 2674.... | 1,2,1 |

PB95. AGGREGATE INCOME IN 1989(i) BY GROUP  
 QUARTERS(3) (3)  
 Universe: Persons 15 years and over  
 Total:

|                                  |           |          |     |
|----------------------------------|-----------|----------|-----|
| In households.....               | 26983.... | 2704.... | 1,1 |
| In group quarters:               |           |          |     |
| Institutionalized persons.....   | 26998.... | 2719.... | 1,2 |
| Other persons in group quarters. | 27013.... | 2734.... | 1,3 |

PB95A. PER CAPITA INCOME IN 1989(1) (1)  
 Universe: Persons  
 Per capita income in 1989.....

|  |           |          |   |
|--|-----------|----------|---|
|  | 27028.... | 2749.... | 1 |
|--|-----------|----------|---|

PB95B. PER CAPITA INCOME IN 1989(1) BY  
 GROUP QUARTERS(3) (3)

## Universe: Persons

## Per capita income in 1989:

|                                  |           |          |     |
|----------------------------------|-----------|----------|-----|
| In households.....               | 27037.... | 2758.... | 1,1 |
| In group quarters:               |           |          |     |
| Institutionalized persons.....   | 27046.... | 2767.... | 1,2 |
| Other persons in group quarters. | 27055.... | 2776.... | 1,3 |

PB96. FAMILY TYPE AND AGE OF HOUSEHOLDER  
AND FAMILY INCOME IN 1989(216) (216)

## Universe: Families

## Married-couple family:

## Householder 15 to 24 years:

|                           |           |          |   |
|---------------------------|-----------|----------|---|
| Less than \$5,000.....    | 27064.... | 2785.... | 1 |
| \$5,000 to \$9,999.....   | 27073.... | 2794.... | 2 |
| \$10,000 to \$14,999..... | 27082.... | 2803.... | 3 |
| \$15,000 to \$24,999..... | 27091.... | 2812.... | 4 |
| \$25,000 to \$34,999..... | 27100.... | 2821.... | 5 |
| \$35,000 to \$49,999..... | 27109.... | 2830.... | 6 |
| \$50,000 to \$74,999..... | 27118.... | 2839.... | 7 |
| \$75,000 to \$99,999..... | 27127.... | 2848.... | 8 |
| \$100,000 or more.....    | 27136.... | 2857.... | 9 |

## Householder 25 to 34 years:

|                           |           |          |    |
|---------------------------|-----------|----------|----|
| Less than \$5,000.....    | 27145.... | 2866.... | 10 |
| \$5,000 to \$9,999.....   | 27154.... | 2875.... | 11 |
| \$10,000 to \$14,999..... | 27163.... | 2884.... | 12 |
| \$15,000 to \$24,999..... | 27172.... | 2893.... | 13 |
| \$25,000 to \$34,999..... | 27181.... | 2902.... | 14 |
| \$35,000 to \$49,999..... | 27190.... | 2911.... | 15 |
| \$50,000 to \$74,999..... | 27199.... | 2920.... | 16 |
| \$75,000 to \$99,999..... | 27208.... | 2929.... | 17 |
| \$100,000 or more.....    | 27217.... | 2938.... | 18 |

## Householder 35 to 44 years:

|                           |           |          |    |
|---------------------------|-----------|----------|----|
| Less than \$5,000.....    | 27226.... | 2947.... | 19 |
| \$5,000 to \$9,999.....   | 27235.... | 2956.... | 20 |
| \$10,000 to \$14,999..... | 27244.... | 2965.... | 21 |
| \$15,000 to \$24,999..... | 27253.... | 2974.... | 22 |
| \$25,000 to \$34,999..... | 27262.... | 2983.... | 23 |
| \$35,000 to \$49,999..... | 27271.... | 2992.... | 24 |
| \$50,000 to \$74,999..... | 27280.... | 3001.... | 25 |
| \$75,000 to \$99,999..... | 27289.... | 3010.... | 26 |
| \$100,000 or more.....    | 27298.... | 3019.... | 27 |

## Householder 45 to 54 years:

|                           |           |          |    |
|---------------------------|-----------|----------|----|
| Less than \$5,000.....    | 27307.... | 3028.... | 28 |
| \$5,000 to \$9,999.....   | 27316.... | 3037.... | 29 |
| \$10,000 to \$14,999..... | 27325.... | 3046.... | 30 |
| \$15,000 to \$24,999..... | 27334.... | 3055.... | 31 |
| \$25,000 to \$34,999..... | 27343.... | 3064.... | 32 |
| \$35,000 to \$49,999..... | 27352.... | 3073.... | 33 |
| \$50,000 to \$74,999..... | 27361.... | 3082.... | 34 |
| \$75,000 to \$99,999..... | 27370.... | 3091.... | 35 |
| \$100,000 or more.....    | 27379.... | 3100.... | 36 |

|                                    |            |           |    |
|------------------------------------|------------|-----------|----|
| Householder 55 to 59 years:        |            |           |    |
| Less than \$5,000.....             | 27388..... | 3109..... | 37 |
| \$5,000 to \$9,999.....            | 27397..... | 3118..... | 38 |
| \$10,000 to \$14,999.....          | 27406..... | 3127..... | 39 |
| \$15,000 to \$24,999.....          | 27415..... | 3136..... | 40 |
| \$25,000 to \$34,999.....          | 27424..... | 3145..... | 41 |
| \$35,000 to \$49,999.....          | 27433..... | 3154..... | 42 |
| \$50,000 to \$74,999.....          | 27442..... | 3163..... | 43 |
| \$75,000 to \$99,999.....          | 27451..... | 3172..... | 44 |
| \$100,000 or more.....             | 27460..... | 3181..... | 45 |
| Householder 60 to 64 years:        |            |           |    |
| Less than \$5,000.....             | 27469..... | 3190..... | 46 |
| \$5,000 to \$9,999.....            | 27478..... | 3199..... | 47 |
| \$10,000 to \$14,999.....          | 27487..... | 3208..... | 48 |
| \$15,000 to \$24,999.....          | 27496..... | 3217..... | 49 |
| \$25,000 to \$34,999.....          | 27505..... | 3226..... | 50 |
| \$35,000 to \$49,999.....          | 27514..... | 3235..... | 51 |
| \$60,000 to \$74,999.....          | 27523..... | 3244..... | 52 |
| \$75,000 to \$99,999.....          | 27532..... | 3253..... | 53 |
| \$100,000 or more.....             | 27541..... | 3262..... | 54 |
| Householder 65 to 74 years:        |            |           |    |
| Less than \$5,000.....             | 27550..... | 3271..... | 55 |
| \$5,000 to \$9,999.....            | 27559..... | 3280..... | 56 |
| \$10,000 to \$14,999.....          | 27568..... | 3289..... | 57 |
| \$15,000 to \$24,999.....          | 27577..... | 3298..... | 58 |
| \$25,000 to \$34,999.....          | 27586..... | 3307..... | 59 |
| \$35,000 to \$49,999.....          | 27595..... | 3316..... | 60 |
| \$50,000 to \$74,999.....          | 27604..... | 3325..... | 61 |
| \$75,000 to \$99,999.....          | 27613..... | 3334..... | 62 |
| \$100,000 or more.....             | 27622..... | 3343..... | 63 |
| Householder 75 years and over:     |            |           |    |
| Less than \$5,000.....             | 27631..... | 3352..... | 64 |
| \$5,000 to \$9,999.....            | 27640..... | 3361..... | 66 |
| \$10,000 to \$14,999.....          | 27649..... | 3370..... | 66 |
| \$15,000 to \$24,999.....          | 27658..... | 3379..... | 67 |
| \$25,000 to \$34,999.....          | 27667..... | 3388..... | 68 |
| \$35,000 to \$49,999.....          | 27676..... | 3397..... | 69 |
| \$50,000 to \$74,999.....          | 27685..... | 3406..... | 70 |
| \$75,000 to \$99,999.....          | 27694..... | 3415..... | 71 |
| \$100,000 or more.....             | 27703..... | 3424..... | 72 |
| Other family:                      |            |           |    |
| Male householder, no wife present: |            |           |    |
| Householder 15 to 24 years:        |            |           |    |
| Less than \$5,000.....             | 27712..... | 3433..... | 73 |
| \$5,000 to \$9,999.....            | 27721..... | 3442..... | 74 |
| \$10,000 to \$14,999.....          | 27730..... | 3451..... | 75 |
| \$15,000 to \$24,999.....          | 27739..... | 3460..... | 76 |
| \$25,000 to \$34,999.....          | 27748..... | 3469..... | 77 |
| \$35,000 to \$49,999.....          | 27757..... | 3478..... | 78 |
| \$50,000 to \$74,999.....          | 27766..... | 3487..... | 79 |
| \$75,000 to \$99,999.....          | 27775..... | 3496..... | 80 |

|                             |           |          |     |
|-----------------------------|-----------|----------|-----|
| \$100,000 or more.....      | 27784.... | 3505.... | 81  |
| Householder 25 to 34 years: |           |          |     |
| Less than \$5,000.....      | 27793.... | 3514.... | 82  |
| \$5,000 to \$9,999.....     | 27802.... | 3523.... | 83  |
| \$10,000 to \$14,999.....   | 27811.... | 3532.... | 84  |
| \$15,000 to \$24,999.....   | 27820.... | 3541.... | 85  |
| \$25,000 to \$34,999.....   | 27829.... | 3550.... | 86  |
| \$35,000 to \$49,999.....   | 27838.... | 3559.... | 87  |
| \$50,000 to \$74,999.....   | 27847.... | 3568.... | 88  |
| \$75,000 to \$99,999.....   | 27856.... | 3577.... | 89  |
| \$100,000 or more.....      | 27865.... | 3586.... | 90  |
| Householder 35 to 44 years: |           |          |     |
| Less than \$5,000.....      | 27874.... | 3595.... | 91  |
| \$5,000 to \$9,999.....     | 27883.... | 3604.... | 92  |
| \$10,000 to \$14,999.....   | 27892.... | 3613.... | 93  |
| \$15,000 to \$24,999.....   | 27901.... | 3622.... | 94  |
| \$25,000 to \$34,999.....   | 27910.... | 3631.... | 95  |
| \$35,000 to \$49,999.....   | 27919.... | 3640.... | 96  |
| \$50,000 to \$74,999.....   | 27928.... | 3649.... | 97  |
| \$75,000 to \$99,999.....   | 27937.... | 3658.... | 98  |
| \$100,000 or more.....      | 27946.... | 3667.... | 99  |
| Householder 45 to 54 years: |           |          |     |
| Less than \$5,000.....      | 27955.... | 3676.... | 100 |
| \$5,000 to \$9,999.....     | 27964.... | 3685.... | 101 |
| \$10,000 to \$14,999.....   | 27973.... | 3694.... | 102 |
| \$15,000 to \$24,999.....   | 27982.... | 3703.... | 103 |
| \$25,000 to \$34,999.....   | 27991.... | 3712.... | 104 |
| \$35,000 to \$49,999.....   | 28000.... | 3721.... | 105 |
| \$50,000 to \$74,999.....   | 28009.... | 3730.... | 106 |
| \$75,000 to \$99,999.....   | 28018.... | 3739.... | 107 |
| \$100,000 or more.....      | 28027.... | 3748.... | 108 |
| Householder 55 to 59 years: |           |          |     |
| Less than \$5,000.....      | 28036.... | 3757.... | 109 |
| \$5,000 to \$9,999.....     | 28045.... | 3766.... | 110 |
| \$10,000 to \$14,999.....   | 28054.... | 3775.... | 111 |
| \$15,000 to \$24,999.....   | 28063.... | 3784.... | 112 |
| \$25,000 to \$34,999.....   | 28072.... | 3793.... | 113 |
| \$35,000 to \$49,999.....   | 28081.... | 3802.... | 114 |
| \$50,000 to \$74,999.....   | 28090.... | 3811.... | 115 |
| \$75,000 to \$99,999.....   | 28099.... | 3820.... | 116 |
| \$100,000 or more.....      | 28108.... | 3829.... | 117 |
| Householder 60 to 64 years: |           |          |     |
| Less than \$5,000.....      | 28117.... | 3838.... | 118 |
| \$5,000 to \$9,999.....     | 28126.... | 3847.... | 119 |
| \$10,000 to \$14,999.....   | 28135.... | 3856.... | 120 |
| \$15,000 to \$24,999.....   | 28144.... | 3865.... | 121 |
| \$25,000 to \$34,999.....   | 28153.... | 3874.... | 122 |
| \$35,000 to \$49,999.....   | 28162.... | 3883.... | 123 |
| \$50,000 to \$74,999.....   | 28171.... | 3892.... | 124 |
| \$75,000 to \$99,999.....   | 28180.... | 3901.... | 125 |
| \$100,000 or more.....      | 28189.... | 3910.... | 126 |

|   |           |          |     |
|---|-----------|----------|-----|
| Householder 65 to 74 years:             |           |          |     |
| Less than \$5,000.....                  | 28198.... | 3919.... | 127 |
| \$5,000 to \$9,999.....                 | 28207.... | 3928.... | 128 |
| \$10,000 to \$14,999.....               | 28216.... | 3937.... | 129 |
| \$15,000 to \$24,999.....               | 28225.... | 3946.... | 130 |
| \$25,000 to \$34,999.....               | 28234.... | 3955.... | 131 |
| \$35,000 to \$49,999.....               | 28243.... | 3964.... | 132 |
| \$50,000 to \$74,999.....               | 28252.... | 3973.... | 133 |
| \$75,000 to \$99,999.....               | 28261.... | 3982.... | 134 |
| \$100,000 or more.....                  | 28270.... | 3991.... | 135 |
| Householder 75 years and over:          |           |          |     |
| Less than \$5,000.....                  | 28279.... | 4000.... | 136 |
| \$5,000 to \$9,999.....                 | 28288.... | 4009.... | 137 |
| \$10,000 to \$14,999.....               | 28297.... | 4018.... | 138 |
| \$15,000 to \$24,999.....               | 28306.... | 4027.... | 139 |
| \$25,000 to \$34,999.....               | 28315.... | 4036.... | 140 |
| \$35,000 to \$49,999.....               | 28324.... | 4045.... | 141 |
| \$50,000 to \$74,999.....               | 28333.... | 4054.... | 142 |
| \$75,000 to \$99,999.....               | 28342.... | 4063.... | 143 |
| \$100,000 or more.....                  | 28351.... | 4072.... | 144 |
| Female householder, no husband present: |           |          |     |
| Householder 15 to 24 years:             |           |          |     |
| Less than \$5,000.....                  | 28360.... | 4081.... | 145 |
| \$5,000 to \$9,999.....                 | 28369.... | 4090.... | 146 |
| \$10,000 to \$14,999.....               | 28378.... | 4099.... | 147 |
| \$15,000 to \$24,999.....               | 28387.... | 4108.... | 148 |
| \$25,000 to \$34,999.....               | 28396.... | 4117.... | 149 |
| \$35,000 to \$49,999.....               | 28405.... | 4126.... | 150 |
| \$50,000 to \$74,999.....               | 28414.... | 4135.... | 151 |
| \$75,000 to \$99,999.....               | 28423.... | 4144.... | 152 |
| \$100,000 or more.....                  | 28432.... | 4153.... | 153 |
| Householder 25 to 34 years:             |           |          |     |
| Less than \$5,000.....                  | 28441.... | 4162.... | 154 |
| \$5,000 to \$9,999.....                 | 28450.... | 4171.... | 155 |
| \$10,000 to \$14,999.....               | 28459.... | 4180.... | 156 |
| \$15,000 to \$24,999.....               | 28468.... | 4189.... | 157 |
| \$25,000 to \$34,999.....               | 28477.... | 4198.... | 158 |
| \$35,000 to \$49,999.....               | 28486.... | 4207.... | 159 |
| \$50,000 to \$74,999.....               | 28495.... | 4216.... | 160 |
| \$75,000 to \$99,999.....               | 28504.... | 4225.... | 161 |
| \$100,000 or more.....                  | 28513.... | 4234.... | 162 |
| Householder 35 to 44 years:             |           |          |     |
| Less than \$5,000.....                  | 28522.... | 4243.... | 163 |
| \$5,000 to \$9,999.....                 | 28531.... | 4252.... | 164 |
| \$10,000 to \$14,999.....               | 28540.... | 4261.... | 165 |
| \$15,000 to \$24,999.....               | 28549.... | 4270.... | 166 |
| \$25,000 to \$34,999.....               | 28558.... | 4279.... | 167 |
| \$35,000 to \$49,999.....               | 28567.... | 4288.... | 168 |
| \$50,000 to \$74,999.....               | 28576.... | 4297.... | 169 |
| \$75,000 to \$99,999.....               | 28585.... | 4306.... | 170 |
| \$100,000 or more.....                  | 28594.... | 4315.... | 171 |

|                                |           |          |     |
|--------------------------------|-----------|----------|-----|
| Householder 45 to 54 years:    |           |          |     |
| Less than \$5,000.....         | 28603.... | 4324.... | 172 |
| \$5,000 to \$9,999.....        | 28612.... | 4333.... | 173 |
| \$10,000 to \$14,999.....      | 28621.... | 4342.... | 174 |
| \$15,000 to \$24,999.....      | 28630.... | 4351.... | 175 |
| \$25,000 to \$34,999.....      | 28639.... | 4360.... | 176 |
| \$35,000 to \$49,999.....      | 28648.... | 4369.... | 177 |
| \$50,000 to \$74,999.....      | 28657.... | 4378.... | 178 |
| \$75,000 to \$99,999.....      | 28666.... | 4387.... | 179 |
| \$100,000 or more.....         | 28675.... | 4396.... | 180 |
| Householder 55 to 59 years:    |           |          |     |
| Less than \$5,000.....         | 28684.... | 4405.... | 181 |
| \$5,000 to \$9,999.....        | 28693.... | 4414.... | 182 |
| \$10,000 to \$14,999.....      | 28702.... | 4423.... | 183 |
| \$15,000 to \$24,999.....      | 28711.... | 4432.... | 184 |
| \$25,000 to \$34,999.....      | 28720.... | 4441.... | 185 |
| \$35,000 to \$49,999.....      | 28729.... | 4450.... | 186 |
| \$60,000 to \$74,999.....      | 28738.... | 4459.... | 187 |
| \$75,000 to \$99,999.....      | 28747.... | 4468.... | 188 |
| \$100,000 or more.....         | 28756.... | 4477.... | 189 |
| Householder 60 to 64 years:    |           |          |     |
| Less than \$5,000.....         | 28765.... | 4486.... | 190 |
| \$5,000 to \$9,999.....        | 28774.... | 4495.... | 191 |
| \$10,000 to \$14,999.....      | 28783.... | 4504.... | 192 |
| \$15,000 to \$24,999.....      | 28792.... | 4513.... | 193 |
| \$25,000 to \$34,999.....      | 28801.... | 4522.... | 194 |
| \$35,000 to \$49,999.....      | 28810.... | 4531.... | 196 |
| \$50,000 to \$74,999.....      | 28819.... | 4540.... | 196 |
| \$75,000 to \$99,999.....      | 28828.... | 4549.... | 197 |
| \$100,000 or more.....         | 28837.... | 4558.... | 198 |
| Householder 65 to 74 years:    |           |          |     |
| Less than \$5,000.....         | 28846.... | 4567.... | 199 |
| \$5,000 to \$9,999.....        | 28855.... | 4576.... | 200 |
| \$10,000 to \$14,999.....      | 28864.... | 4685.... | 201 |
| \$15,000 to \$24,999.....      | 28873.... | 4594.... | 202 |
| \$25,000 to \$34,999.....      | 28882.... | 4603.... | 203 |
| \$35,000 to \$49,999.....      | 28891.... | 4612.... | 204 |
| \$50,000 to \$74,999.....      | 28900.... | 4621.... | 205 |
| \$75,000 to \$99,999.....      | 28909.... | 4630.... | 206 |
| \$100,000 or more.....         | 28918.... | 4639.... | 207 |
| Householder 75 years and over: |           |          |     |
| Less than \$5,000.....         | 28927.... | 4648.... | 208 |
| \$5,000 to \$9,999.....        | 28936.... | 4657.... | 209 |
| \$10,000 to \$14,999.....      | 28945.... | 4666.... | 210 |
| \$15,000 to \$24,999.....      | 28954.... | 4675.... | 211 |
| \$25,000 to \$34,999.....      | 28963.... | 4684.... | 212 |
| \$35,000 to \$49,999.....      | 28972.... | 4693.... | 213 |
| \$50,000 to \$74,999.....      | 28981.... | 4702.... | 214 |
| \$75,000 to \$99,999.....      | 28990.... | 4711.... | 215 |
| \$100,000 or more.....         | 28999.... | 4720.... | 216 |

PB97. AGGREGATE FAMILY INCOME IN 1989(1)  
BY FAMILY TYPE AND AGE OF HOUSE-  
HOLDER(24) (24)

Universe: Families

Total:

Married-couple family:

|                                  |           |          |     |
|----------------------------------|-----------|----------|-----|
| Householder 15 to 24 years.....  | 29008.... | 4729.... | 1,1 |
| Householder 25 to 34 years.....  | 29023.... | 4744.... | 1,2 |
| Householder 35 to 44 years.....  | 29038.... | 4759.... | 1,3 |
| Householder 45 to 54 years.....  | 29053.... | 4774.... | 1,4 |
| Householder 55 to 59 years.....  | 29068.... | 4789.... | 1,5 |
| Householder 60 to 64 years.....  | 29083.... | 4804.... | 1,6 |
| Householder 65 to 74 years.....  | 29098.... | 4819.... | 1,7 |
| Householder 75 years and over... | 29113.... | 4834.... | 1,8 |

Other family:

Male householder, no wife present:

|                                |           |          |      |
|--------------------------------|-----------|----------|------|
| Householder 15 to 24 years.... | 29128.... | 4849.... | 1,9  |
| Householder 25 to 34 years.... | 29143.... | 4864.... | 1,10 |
| Householder 35 to 44 years.... | 29158.... | 4879.... | 1,11 |
| Householder 45 to 54 years.... | 29173.... | 4894.... | 1,12 |
| Householder 55 to 59 years.... | 29188.... | 4909.... | 1,13 |
| Householder 60 to 64 years.... | 29203.... | 4924.... | 1,14 |
| Householder 65 to 74 years.... | 29218.... | 4939.... | 1,15 |
| Householder 75 years and over. | 29233.... | 4954.... | 1,16 |

Female householder, no husband  
present:

|                                |           |          |      |
|--------------------------------|-----------|----------|------|
| Householder 15 to 24 years.... | 29248.... | 4969.... | 1,17 |
| Householder 25 to 34 years.... | 29263.... | 4984.... | 1,18 |
| Householder 35 to 44 years.... | 29278.... | 4999.... | 1,19 |
| Householder 45 to 54 years.... | 29293.... | 5014.... | 1,20 |
| Householder 55 to 59 years.... | 29308.... | 5029.... | 1,21 |
| Householder 60 to 64 years.... | 29323.... | 5044.... | 1,22 |
| Householder 65 to 74 years.... | 29338.... | 5059.... | 1,23 |
| Householder 75 years and over. | 29353.... | 5074.... | 1,24 |

PB98. AGE(3) BY HOUSEHOLD TYPE AND INCOME  
IN 1989(12) (36)

Universe: Persons 60 years and over  
60 to 64 years:

In households:

Living alone:

|                             |           |          |     |
|-----------------------------|-----------|----------|-----|
| No income.....              | 29368.... | 5089.... | 1,1 |
| With income:                |           |          |     |
| \$1 to \$4,999 or loss..... | 29377.... | 5098.... | 1,2 |
| \$5,000 to \$9,999.....     | 29386.... | 5107.... | 1,3 |
| \$10,000 to \$14,999.....   | 29395.... | 5116.... | 1,4 |
| \$15,000 to \$24,999.....   | 29404.... | 5125.... | 1,5 |
| \$25,000 to \$34,999.....   | 29413.... | 5134.... | 1,6 |
| \$35,000 to \$49,999.....   | 29422.... | 5143.... | 1,7 |
| \$50,000 or more.....       | 29431.... | 5152.... | 1,8 |

Not living alone:

|        |   |           |          |        |
|--------|---|-----------|----------|--------|
|        | With income.....  | 29440.... | 5161.... | 1,9    |
|        | No income.....  | 29449.... | 5170.... | 1,10   |
|        | In group quarters:  |           |          |        |
|        | With income.....  | 29458.... | 5179.... | 1,11   |
|        | No income.....  | 29467.... | 5188.... | 1,12   |
|        | 65 to 74 years:   |           |          |        |
|        | (Repeat HOUSEHOLD TYPE AND INCOME<br>IN 1989).....                | 29476.... | 5197.... | 2,1    |
|        | 75 years and over:  |           |          |        |
|        | (Repeat HOUSEHOLD TYPE AND INCOME<br>IN 1989).....                | 29584.... | 5305.... | 3,1    |
| PB99.  | AGGREGATE INCOME IN 1989(1) BY AGE(3)<br>BY HOUSEHOLD TYPE(3) (9) |           |          |        |
|        | Universe: Persons 60 years and over                               |           |          |        |
|        | Total:  |           |          |        |
|        | 60 to 64 years:   |           |          |        |
|        | In households:  |           |          |        |
|        | Living alone.....   | 29692.... | 5413.... | 1,1,1  |
|        | Not living alone.....   | 29707.... | 5428.... | 1,1,2  |
|        | In group quarters.....  | 29722.... | 5443.... | 1,1,3  |
|        | 65 to 74 years:   |           |          |        |
|        | (Repeat HOUSEHOLD TYPE).....                                      | 29737.... | 5458.... | 1,2,1  |
|        | 75 years and over:  |           |          |        |
|        | (Repeat HOUSEHOLD TYPE).....                                      | 29782.... | 5503.... | 1,3,1  |
| PB100. | POVERTY STATUS IN 1989(2) BY SEX(2)<br>BY AGE(16) (64)            |           |          |        |
|        | Universe: Persons for whom poverty<br>status is determined        |           |          |        |
|        | Income in 1989 above poverty level:                               |           |          |        |
|        | Male:   |           |          |        |
|        | Under 1 year.....   | 29827.... | 5548.... | 1,1,1  |
|        | 1 year.....   | 29836.... | 5557.... | 1,1,2  |
|        | 2 years.....  | 29845.... | 5566.... | 1,1,3  |
|        | 3 years.....  | 29854.... | 5575.... | 1,1,4  |
|        | 4 years.....  | 29863.... | 5584.... | 1,1,5  |
|        | 5 years.....  | 29872.... | 5593.... | 1,1,6  |
|        | 6 years.....  | 29881.... | 5602.... | 1,1,7  |
|        | 7 years.....  | 29890.... | 5611.... | 1,1,8  |
|        | 8 to 11 years.....  | 29999.... | 5620.... | 1,1,9  |
|        | 12 to 17 years.....   | 29908.... | 5629.... | 1,1,10 |
|        | 18 to 24 years.....   | 29917.... | 5638.... | 1,1,11 |
|        | 25 to 44 years.....   | 29926.... | 5647.... | 1,1,12 |
|        | 45 to 59 years.....   | 29935.... | 5656.... | 1,1,13 |
|        | 60 to 64 years.....   | 29944.... | 5665.... | 1,1,14 |
|        | 65 to 74 years.....   | 29953.... | 5674.... | 1,1,15 |
|        | 75 years and over.....  | 29962.... | 5693.... | 1,1,16 |
|        | Female:   |           |          |        |
|        | (Repeat AGE).....   | 29971.... | 5692.... | 1,2,1  |
|        | Income in 1989 below poverty level:                               |           |          |        |



|        |   |           |          |     |
|--------|---|-----------|----------|-----|
|        | (Repeat SEX By AGE).....  | 30115.... | 5836 2,, | 1,1 |
| PB101. | AGE(9) BY RATIO OF INCOME IN 1989<br>TO POVERTY LEVEL(9) (81)<br>Universe: Persons for whom poverty<br>status is determined<br>Under 5 years:   |           |          |     |
|        | Under .50.....  | 30403.... | 6124.... | 1,1 |
|        | .50 to .74.....   | 30412.... | 6133.... | 1,2 |
|        | .75 to .99.....   | 30421.... | 6142.... | 1,3 |
|        | 1.00 to 1.24.....   | 30430.... | 6151.... | 1,4 |
|        | 1.25 to 1.49.....   | 30439.... | 6160.... | 1,5 |
|        | 1.50 to 1.74.....   | 30448.... | 6169.... | 1,6 |
|        | 1.75 to 1.84.....   | 30457.... | 6178.... | 1,7 |
|        | 1.85 to 1.99.....   | 30466.... | 6187.... | 1,8 |
|        | 2.00 and over.....  | 30475.... | 6196.... | 1,9 |
|        | 5 to 11 years:  |           |          |     |
|        | (Repeat RATIO OF INCOME IN 1989<br>TO POVERTY LEVEL).....   | 30484.... | 6205.... | 2,1 |
|        | 12 to 17 years:   |           |          |     |
|        | (Repeat RATIO OF INCOME IN 1989<br>TO POVERTY LEVEL).....   | 30565.... | 6286.... | 3,1 |
|        | 18 to 24 years:   |           |          |     |
|        | (Repeat RATIO OF INCOME IN 1989<br>TO POVERTY LEVEL).....   | 30646.... | 6367.... | 4,1 |
|        | 25 to 44 years:   |           |          |     |
|        | (Repeat RATIO OF INCOME IN 1989<br>TO POVERTY LEVEL).....   | 30727.... | 6448.... | 5,1 |
|        | 45 to 59 years:   |           |          |     |
|        | (Repeat RATIO OF INCOME IN 1989<br>TO POVERTY LEVEL).....   | 30808.... | 6529.... | 6,1 |
|        | 60 to 64 years:   |           |          |     |
|        | (Repeat RATIO OF INCOME IN 1989<br>TO POVERTY LEVEL).....   | 30889.... | 6610.... | 7,1 |
|        | 65 to 74 years:   |           |          |     |
|        | (Repeat RATIO OF INCOME IN 1989<br>TO POVERTY LEVEL).....   | 30970.... | 6691.... | 8,1 |
|        | 75 years and over:  |           |          |     |
|        | (Repeat RATIO OF INCOME IN 1989<br>TO POVERTY LEVEL).....   | 31051.... | 6772.... | 9,1 |
| PB102. | POVERTY STATUS IN 1989(2) BY FAMILY<br>TYPE AND PRESENCE AND AGE OF<br>CHILDREN(12) (24)<br>Universe: Families<br>Income in 1989 above poverty level:<br>Married-couple family:<br>With related children under 18<br>years: |           |          |     |
|        | Under 5 years only.....   | 31132.... | 6853.... | 1,1 |
|        | 5 to 17 years only.....   | 31141.... | 6862.... | 1,2 |

|  |           |          |      |
|--|-----------|----------|------|
| Under 5 years and 5 to 17 years.....   | 31150.... | 6871.... | 1,3  |
| No related children under 18 years.....  | 31159.... | 6880.... | 1,4  |
| Other family:  |           |          |      |
| Male householder, no wife present:   |           |          |      |
| With related children under 18 years:  |           |          |      |
| Under 5 years only.....  | 31168.... | 6889.... | 1,5  |
| 5 to 17 years only.....  | 31177.... | 6898.... | 1,6  |
| Under 5 years and 5 to 17 years.....   | 31186.... | 6907.... | 1,7  |
| No related children under 18 years.....  | 31195.... | 6916.... | 1,8  |
| Female householder, no husband present:  |           |          |      |
| With related children under 18 years:  |           |          |      |
| Under 5 years only.....  | 31204.... | 6925.... | 1,9  |
| 5 to 17 years only.....  | 31213.... | 6934.... | 1,10 |
| Under 5 years and 5 to 17 years.....   | 31222.... | 6943.... | 1,11 |
| No related children under 18 years.....  | 31231.... | 6952.... | 1,12 |
| Income in 1989 below poverty level:<br>(Repeat FAMILY TYPE AND PRESENCE<br>AND AGE OF CHILDREN)..... | 31240.... | 6961.... | 2,1  |

PB103. POVERTY STATUS IN 1989(2) BY FAMILY TYPE AND AGE(15) (30)

|   |           |          |      |
|---|-----------|----------|------|
| Universe: Related children under 18 years |           |          |      |
| Income in 1989 above poverty level:       |           |          |      |
| In married-couple family:                 |           |          |      |
| Under 3 years.....                        | 31348.... | 7069.... | 1,1  |
| 3 and 4 years.....                        | 31357.... | 7078.... | 1,2  |
| 5 years.....                              | 31366.... | 7087.... | 1,3  |
| 6 to 11 years.....                        | 31375.... | 7096.... | 1,4  |
| 12 to 17 years.....                       | 31384.... | 7105.... | 1,5  |
| In other family:                          |           |          |      |
| Male householder, no wife present:        |           |          |      |
| Under 3 years.....                        | 31393.... | 7114.... | 1,6  |
| 3 and 4 years.....                        | 31402.... | 7123.... | 1,7  |
| 5 years.....                              | 31411.... | 7132.... | 1,8  |
| 6 to 11 years.....                        | 31420.... | 7141.... | 1,9  |
| 12 to 17 years.....                       | 31429.... | 7150.... | 1,10 |
| Female householder, no husband present:   |           |          |      |
| Under 3 years.....                        | 31438.... | 7159.... | 1,11 |
| 3 and 4 years.....                        | 31447.... | 7168.... | 1,12 |
| 5 years.....                              | 31456.... | 7177.... | 1,13 |

|  |           |          |      |
|--|-----------|----------|------|
| 6 to 11 years.....   | 31465.... | 7186.... | 1,14 |
| 12 to 17 years.....  | 31474.... | 7195.... | 1,15 |
| Income in 1989 below poverty level:<br>(Repeat FAMILY TYPE AND AGE)..... | 31483.... | 7204.... | 2,1  |

PB104. POVERTY STATUS IN 1989(2) BY  
TENURE(2) BY AGE OF HOUSE-  
HOLDER(4) (16)

|  |           |          |       |
|--|-----------|----------|-------|
| Universe: Families   |           |          |       |
| Income In 1989 above poverty level:  |           |          |       |
| Owner occupied:  |           |          |       |
| Householder 15 to 59 years.....  | 31618.... | 7339.... | 1,1,1 |
| Householder 60 to 64 years.....  | 31627.... | 7348.... | 1,1,2 |
| Householder 65 to 74 years.....  | 31636.... | 7357.... | 1,1,3 |
| Householder 75 years and over...   | 31645.... | 7366.... | 1,1,4 |
| Renter occupied:   |           |          |       |
| (Repeat AGE OF HOUSEHOLDER).....   | 31654.... | 7375.... | 1,2,1 |
| Income in 1989 below poverty level:<br>(Repeat TENURE By AGE OF HOUSE-<br>HOLDER)..... |           |          |       |
|  | 31690.... | 7411.... | 2,1,1 |

PB105. POVERTY STATUS IN 1989(2) BY FAMILY  
TYPE AND WORK EXPERIENCE OF HOUSE-  
HOLDER IN 1989(15) (30)

|   |           |          |      |
|---|-----------|----------|------|
| Universe: Families  |           |          |      |
| Income in 1989 above poverty level:                           |           |          |      |
| Married-couple family:  |           |          |      |
| Householder worked year round<br>full time in 1989:           |           |          |      |
| Spouse worked year round full<br>time in 1989.....            | 31762.... | 7483.... | 1,1  |
| Spouse worked less than year<br>round full time in 1989.....  | 31771.... | 7492.... | 1,2  |
| Spouse did not work in 1989...                                | 31780.... | 7501.... | 1,3  |
| Householder worked less than<br>year round full time in 1989: |           |          |      |
| Spouse worked year round full<br>time in 1989.....            | 31789.... | 7510.... | 1,4  |
| Spouse worked less than year<br>round full time in 1989.....  | 31798.... | 7519.... | 1,5  |
| Spouse did not work in 1989...                                | 31807.... | 7528.... | 1,6  |
| Householder did not work in 1989:                             |           |          |      |
| Spouse worked year round full<br>time in 1989.....            | 31816.... | 7537.... | 1,7  |
| Spouse worked less than year<br>round full time in 1989.....  | 31825.... | 7546.... | 1,8  |
| Spouse did not work in 1989...                                | 31834.... | 7555.... | 1,9  |
| Other family:   |           |          |      |
| Male householder, no wife present:                            |           |          |      |
| Householder worked year round<br>full time in 1989.....       | 31843.... | 7564.... | 1,10 |

|   |           |          |      |
|---|-----------|----------|------|
| Householder worked less than<br>year round full time in 1989.   | 31852.... | 7573.... | 1,11 |
| Householder did not work in<br>1989.....  | 31861.... | 7582.... | 1,12 |
| Female householder, no husband<br>present:  |           |          |      |
| Householder worked year round<br>full time in 1989.....   | 31870.... | 7591.... | 1,13 |
| Householder worked less than<br>year round full time in 1989.   | 31879.... | 7600.... | 1,14 |
| Householder did not work in<br>1989.....  | 31888.... | 7609.... | 1,15 |
| Income in 1989 below poverty level:<br>(Repeat FAMILY TYPE AND WORK<br>EXPERIENCE OF HOUSEHOLDER IN<br>1989)..... | 31897.... | 7618.... | 2,1  |
| PB106. POVERTY STATUS IN 1989(2) BY FAMILY<br>TYPE AND EDUCATIONAL ATTAINMENT OF<br>HOUSEHOLDER(6) (12)           |           |          |      |
| Universe: Families  |           |          |      |
| Income in 1989 above poverty level:   |           |          |      |
| Married-couple family:  |           |          |      |
| Householder a high school<br>graduate.....  | 32032.... | 7753.... | 1,1  |
| Householder not a high school<br>graduate.....  | 32041.... | 7762.... | 1,2  |
| Other family:   |           |          |      |
| Male householder, no wife present:  |           |          |      |
| Householder a high school<br>graduate.....  | 32050.... | 7771.... | 1,3  |
| Householder not a high school<br>graduate.....  | 32059.... | 7780.... | 1,4  |
| Female householder, no husband<br>present:  |           |          |      |
| Householder a high school<br>graduate.....  | 32068.... | 7789.... | 1,5  |
| Householder not a high school<br>graduate.....  | 32077.... | 7798.... | 1,6  |
| Income in 1989 below poverty level:<br>(Repeat FAMILY TYPE AND EDUCATIONAL<br>ATTAINMENT OF HOUSEHOLDER).....     | 32086.... | 7807.... | 2,1  |
| PB107. POVERTY STATUS IN 1989(2) BY WORK<br>DISABILITY STATUS OF HOUSEHOLDER(2) (4)                               |           |          |      |
| Universe: Families with householder<br>16 to 64 years   |           |          |      |
| Income in 1989 above poverty level:   |           |          |      |
| Householder with a work disability  | 32140.... | 7861.... | 1,1  |
| Householder with no work dis-<br>ability.....   | 32149.... | 7870.... | 1,2  |

|   |           |          |      |
|---|-----------|----------|------|
| Income in 1989 below poverty level:<br>(Repeat WORK DISABILITY STATUS OF<br>HOUSEHOLDER).....                 | 32158.... | 7879.... | 2,1  |
| PB108. POVERTY STATUS IN 1989(2) BY NATIVITY<br>AND YEAR OF ENTRY OF HOUSEHOLDER(4) (8)<br>Universe: Families |           |          |      |
| Income in 1989 above poverty level:   |           |          |      |
| Householder native.....   | 32176.... | 7897.... | 1,1  |
| Householder foreign born:   |           |          |      |
| Immigrated 1985 to 1990.....  | 32185.... | 7906.... | 1,2  |
| Immigrated 1980 to 1984.....  | 32194.... | 7915.... | 1,3  |
| Immigrated before 1980.....   | 32203.... | 7924.... | 1,4  |
| Income in 1989 below poverty level:<br>(Repeat NATIVITY AND YEAR OF ENTRY<br>OF HOUSEHOLDER).....             | 32212.... | 7933.... | 2,1  |
| PB109. POVERTY STATUS IN 1989(2) BY FAMILY<br>TYPE AND AGE OF HOUSEHOLDER(18) (36)<br>Universe: Families      |           |          |      |
| Income in 1989 above poverty level:   |           |          |      |
| Married-couple family:  |           |          |      |
| Householder 15 to 24 years.....   | 32248.... | 7969.... | 1,1  |
| Householder 25 to 44 years.....   | 32257.... | 7978.... | 1,2  |
| Householder 45 to 59 years.....   | 32266.... | 7987.... | 1,3  |
| Householder 60 to 64 years.....   | 32275.... | 7996.... | 1,4  |
| Householder 65 to 74 years.....   | 32284.... | 8005.... | 1,5  |
| Householder 75 years and over...  | 32293.... | 8014.... | 1,6  |
| Other family:   |           |          |      |
| Male householder, no wife present:  |           |          |      |
| Householder 15 to 24 years....  | 32302.... | 8023.... | 1,7  |
| Householder 25 to 44 years....  | 32311.... | 8032.... | 1,8  |
| Householder 45 to 59 years....  | 32320.... | 8041.... | 1,9  |
| Householder 60 to 64 years....  | 32329.... | 8050.... | 1,10 |
| Householder 65 to 74 years....  | 32338.... | 8059.... | 1,11 |
| Householder 75 years and over.  | 32347.... | 8068.... | 1,12 |
| Female householder, no husband<br>present:  |           |          |      |
| Householder 15 to 24 years....  | 32356.... | 8077.... | 1,13 |
| Filler.....   | 32365.... | 8086     |      |
| End of Segment  |           |          |      |
| Householder 25 to 44 years....  | 32673.... | 301....  | 1,14 |
| Householder 45 to 59 years....  | 32682.... | 310....  | 1,15 |
| Householder 60 to 64 years....  | 32691.... | 319....  | 1,16 |
| Householder 65 to 74 years....  | 32700.... | 328....  | 1,17 |
| Householder 75 years and over.  | 32709.... | 337....  | 1,18 |
| Income in 1989 below poverty level:<br>(Repeat FAMILY TYPE AND AGE OF<br>HOUSEHOLDER).....                    | 32718.... | 346....  | 2,1  |

|  |           |         |     |
|--|-----------|---------|-----|
| PB110. POVERTY STATUS IN 1989(2) BY FAMILY TYPE AND PUBLIC ASSISTANCE INCOME IN 1989(6) (12) |           |         |     |
| Universe: Families   |           |         |     |
| Income in 1989 above poverty level:  |           |         |     |
| Married-couple family:   |           |         |     |
| With public assistance income...   | 32880.... | 508.... | 1,1 |
| No public assistance income.....   | 32889.... | 517.... | 1,2 |
| Other family:  |           |         |     |
| Male householder, no wife present:   |           |         |     |
| With public assistance income.   | 32898.... | 526.... | 1,3 |
| No public assistance income...   | 32907.... | 535.... | 1,4 |
| Female householder, no husband present:  |           |         |     |
| With public assistance income.   | 32916.... | 544.... | 1,5 |
| No public assistance income...   | 32925.... | 553.... | 1,6 |
| Income in 1989 below poverty level:  |           |         |     |
| (Repeat FAMILY TYPE AND PUBLIC ASSISTANCE INCOME IN 1989).....                               |           |         |     |
|  | 32934.... | 562.... | 2,1 |
| PB111. POVERTY STATUS IN 1989(2) BY FAMILY TYPE AND SOCIAL SECURITY INCOME IN 1989(6) (12)   |           |         |     |
| Universe: Families   |           |         |     |
| Income in 1989 above poverty level:  |           |         |     |
| Married-couple family:   |           |         |     |
| With Social Security income.....   | 32988.... | 616.... | 1,1 |
| No Social Security income.....   | 32997.... | 625.... | 1,2 |
| Other family:  |           |         |     |
| Male householder, no wife present:   |           |         |     |
| With Social Security income...   | 33006.... | 634.... | 1,3 |
| No Social Security income.....   | 33015.... | 643.... | 1,4 |
| Female householder, no husband present:  |           |         |     |
| With Social Security income...   | 33024.... | 652.... | 1,5 |
| No Social Security income.....   | 33033.... | 661.... | 1,6 |
| Income in 1989 below poverty level:  |           |         |     |
| (Repeat FAMILY TYPE AND SOCIAL SECURITY INCOME IN 1989).....                                 |           |         |     |
|  | 33042.... | 670.... | 2,1 |
| PB112. AGGREGATE INCOME DEFICIT IN 1989(1) BY FAMILY TYPE(3) (3)                             |           |         |     |
| Universe: Families with income below the poverty level in 1989                               |           |         |     |
| Total:   |           |         |     |
| Married-couple family.....   | 33096.... | 724.... | 1,1 |
| Other family:  |           |         |     |
| Male householder, no wife present.....   |           |         |     |
|  | 33111.... | 739.... | 1,2 |
| Female householder, no husband present.....  |           |         |     |
|  | 33126.... | 754.... | 1,3 |

PB113. AGGREGATE INCOME DEFICIT IN 1989(1)  
 BY SEX(2) (2)  
 Universe: Unrelated individuals with  
 income below poverty level in 1989  
 Total:  
 Male..... 33141.... 769.... 1,1  
 Female..... 33156.... 784.... 1,2

PB114. POVERTY STATUS IN 1989(2) BY SEX(2) (4)  
 Universe: Unrelated individuals for  
 whom poverty status is determined  
 Income in 1989 above poverty level:  
 Male..... 33171.... 799.... 1,1  
 Female..... 33180.... 808.... 1,2  
 Income in 1989 below poverty level:  
 (Repeat SEX)..... 33189.... 817.... 2,1

PB115. POVERTY STATUS IN 1989(2) BY SEX(2)  
 BY AGE(5) BY HOUSEHOLD TYPE AND  
 RELATIONSHIP(5) (100)  
 Universe: Unrelated individuals for  
 whom poverty status is determined  
 Income in 1989 above poverty level:  
 Male:  
 Under 25 years:  
 Nonfamily householder:  
 Living alone..... 33207.... 835....1,1,1,1  
 Not living alone..... 33216.... 844....1,1,1,2  
 Other unrelated individuals:  
 In family households..... 33225.... 853....1,1,1,3  
 In nonfamily households..... 33234.... 862....1,1,1,4  
 In group quarters..... 33243.... 871....1,1,1,5  
 25 to 59 years:  
 (Repeat HOUSEHOLD TYPE AND  
 RELATIONSHIP)..... 33252.... 880....1,1,2,1  
 60 to 64 years:  
 (Repeat HOUSEHOLD TYPE AND  
 RELATIONSHIP)..... 33297.... 925....1,1,3,1  
 65 to 74 years:  
 (Repeat HOUSEHOLD TYPE AND  
 RELATIONSHIP)..... 33342.... 970....1,1,4,1  
 75 years and over:  
 (Repeat HOUSEHOLD TYPE AND  
 RELATIONSHIP)..... 33387.... 1015....1,1,5,1  
 Female:  
 (Repeat AGE By HOUSEHOLD TYPE  
 AND RELATIONSHIP)..... 33432.... 1060....1,2,1,1  
 Income in 1989 below poverty level:  
 (Repeat SEX By AGE By HOUSEHOLD  
 TYPE AND RELATIONSHIP)..... 33657.... 1285....2,1,1,1

PB116. POVERTY STATUS IN 1989(2) BY AGE OF HOUSEHOLDER, HOUSEHOLD TYPE AND RELATIONSHIP, AND TENURE(17) (34)  
 Universe: Unrelated individuals for whom poverty status is determined  
 Income in 1989 above poverty level:  
 In households:  
   Householder 15 to 64 years:  
     Nonfamily householder:  
       Living alone:  
         In owner-occupied housing units..... 34107.... 1735.... 1,1  
         In renter-occupied housing units..... 34116.... 1744.... 1,2  
       Not living alone:  
         In owner-occupied housing units..... 34125.... 1753.... 1,3  
         In renter-occupied housing units..... 34134.... 1762.... 1,4  
     Other persons in households:  
       In family households:  
         In owner-occupied housing units..... 34143.... 1771.... 1,5  
         In renter-occupied housing units..... 34152.... 1780.... 1,6  
       In nonfamily households:  
         In owner-occupied housing units..... 34161.... 1789.... 1,7  
         In renter-occupied housing units..... 34170.... 1798.... 1,8  
   Householder 65 years and over  
     Nonfamily householder  
       Living alone:  
         In owner-occupied housing units..... 34179.... 1807.... 1,9  
         In renter-occupied housing units..... 34188.... 1816.... 1,10  
       Not living alone:  
         In owner-occupied housing units..... 34197.... 1825.... 1,11  
         In renter-occupied housing units..... 34206.... 1834.... 1,12  
     Other persons in households:  
       In family households:  
         In owner-occupied housing units..... 34215.... 1843.... 1,13  
         In renter-occupied housing units..... 34224.... 1852.... 1,14  
       In nonfamily households:  
         In owner-occupied housing units..... 34233.... 1861.... 1,15



|   |           |          |      |
|---|-----------|----------|------|
| In renter-occupied housing<br>units.....  | 34242.... | 1870.... | 1,16 |
| In group quarters.....  | 34251.... | 1879.... | 1,17 |
| Income in 1989 below poverty level:<br>(Repeat AGE OF HOUSEHOLDER, HOUSE-<br>HOLD TYPE AND RELATIONSHIP, AND<br>TENURE).....  | 34260.... | 1888.... | 2,1  |
| PB117. POVERTY STATUS IN 1989(2) BY HOUSE-<br>HOLD TYPE AND RELATIONSHIP AND<br>WORK EXPERIENCE IN 1989(15) (30)<br>Universe: Unrelated individuals for<br>whom poverty status is determined<br>Income in 1989 above poverty level:<br>Nonfamily householder:<br>Living alone:<br>Worked year round full time<br>in 1989..... |           |          |      |
| Worked less than year round<br>full time in 1989.....   | 34413.... | 2041.... | 1,1  |
| Did not work in 1989.....   | 34422.... | 2050.... | 1,2  |
| Did not work in 1989.....   | 34431.... | 2059.... | 1,3  |
| Not living alone:<br>Worked year round full time<br>in 1989.....  | 34440.... | 2068.... | 1,4  |
| Worked less than year round<br>full time in 1989.....   | 34449.... | 2077.... | 1,5  |
| Did not work in 1989.....   | 34458.... | 2086.... | 1,6  |
| Other unrelated individuals:<br>In family households:<br>Worked year round full time<br>in 1989.....  | 34467.... | 2095.... | 1,7  |
| Worked less than year round<br>full time in 1989.....   | 34476.... | 2104.... | 1,8  |
| Did not work in 1989.....   | 34485.... | 2113.... | 1,9  |
| In nonfamily households:<br>Worked year round full time in<br>1989.....   | 34494.... | 2122.... | 1,10 |
| Worked less than year round<br>full time in 1989.....   | 34503.... | 2131.... | 1,11 |
| Did not work in 1989.....   | 34512.... | 2140.... | 1,12 |
| In group quarters:<br>Worked year round full time in<br>1989.....   | 34521.... | 2149.... | 1,13 |
| Worked less than year round<br>full time in 1989.....   | 34530.... | 2158.... | 1,14 |
| Did not work in 1989.....   | 34539.... | 2167.... | 1,15 |
| Income in 1989 below poverty level:<br>(Repeat HOUSEHOLD TYPE AND<br>RELATIONSHIP AND WORK EXPERIENCE<br>IN 1989).....  | 34548.... | 2176.... | 2,1  |

|  |           |          |      |
|--|-----------|----------|------|
| PB118. POVERTY STATUS IN 1989(2) BY HOUSE- |           |          |      |
| HOLD TYPE AND RELATIONSHIP AND             |           |          |      |
| EDUCATIONAL ATTAINMENT(10) (20)            |           |          |      |
| Universe: Unrelated individuals for        |           |          |      |
| whom poverty status is determined          |           |          |      |
| Income in 1989 above poverty level:        |           |          |      |
| Nonfamily householder:                     |           |          |      |
| Living alone:                              |           |          |      |
| High school graduate.....                  | 34683.... | 2311.... | 1,1  |
| Not high school graduate.....              | 34692.... | 2320.... | 1,2  |
| Not living alone:                          |           |          |      |
| High school graduate.....                  | 34701.... | 2329.... | 1,3  |
| Not high school graduate.....              | 34710.... | 2338.... | 1,4  |
| Other unrelated individuals:               |           |          |      |
| In family households:                      |           |          |      |
| High school graduate.....                  | 34719.... | 2347.... | 1,5  |
| Not high school graduate.....              | 34728.... | 2356.... | 1,6  |
| In nonfamily households:                   |           |          |      |
| High school graduate.....                  | 34737.... | 2365.... | 1,7  |
| Not high school graduate.....              | 34746.... | 2374.... | 1,8  |
| In group quarters:                         |           |          |      |
| High school graduate.....                  | 34755.... | 2383.... | 1,9  |
| Not high school graduate.....              | 34764.... | 2392.... | 1,10 |
| Income in 1989 below poverty level:        |           |          |      |
| (Repeat HOUSEHOLD TYPE AND RELA-           |           |          |      |
| TIONSHIP AND EDUCATIONAL ATTAIN-           |           |          |      |
| MENT).....                                 | 34773.... | 2401.... | 2,1  |
| PB119. POVERTY STATUS IN 1989(2) BY HOUSE- |           |          |      |
| HOLD TYPE AND RELATIONSHIP AND WORK        |           |          |      |
| DISABILITY STATUS(10) (20)                 |           |          |      |
| Universe: Unrelated individuals for        |           |          |      |
| whom poverty status is determined          |           |          |      |
| Income in 1989 above poverty level:        |           |          |      |
| Nonfamily householder:                     |           |          |      |
| Living alone:                              |           |          |      |
| With a work disability.....                | 34863.... | 2491.... | 1,1  |
| No work disability.....                    | 34872.... | 2500.... | 1,2  |
| Not living alone:                          |           |          |      |
| With a work disability.....                | 34881.... | 2509.... | 1,3  |
| No work disability.....                    | 34890.... | 2518.... | 1,4  |
| Other unrelated individuals:               |           |          |      |
| In family households:                      |           |          |      |
| With a work disability.....                | 34899.... | 2527.... | 1,5  |
| No work disability.....                    | 34908.... | 2536.... | 1,6  |
| In nonfamily households:                   |           |          |      |
| With a work disability.....                | 34917.... | 2545.... | 1,7  |
| No work disability.....                    | 34926.... | 2554.... | 1,8  |
| In group quarters:                         |           |          |      |
| With a work disability.....                | 34935.... | 2563.... | 1,9  |
| No work disability.....                    | 34944.... | 2572.... | 1,10 |

Income in 1989 below poverty level:  
 (Repeat HOUSEHOLD TYPE AND RELATIONSHIP AND WORK DISABILITY STATUS)..... 34953.... 2581.... 2,1

PB120. POVERTY STATUS IN 1989(2) BY HOUSEHOLD TYPE AND RELATIONSHIP, NATIVITY, AND YEAR OF ENTRY(20) (40)  
 Universe: Unrelated individuals for whom poverty status is determined  
 Income in 1989 above poverty level:

Nonfamily householder:  
 Living alone:  
   Native..... 35043.... 2671.... 1,1  
   Foreign born:  
     Immigrated 1985 to 1990.... 35052.... 2680.... 1,2  
     Immigrated 1980 to 1984.... 35061.... 2689.... 1,3  
     Immigrated before 1980.... 35070.... 2698.... 1,4  
 Not living alone:  
   Native..... 35079.... 2707.... 1,5  
   Foreign born:  
     Immigrated 1985 to 1990.... 35088.... 2716.... 1,6  
     Immigrated 1980 to 1984.... 35097.... 2725.... 1,7  
     Immigrated before 1980.... 35106.... 2734.... 1,8

Other unrelated individuals:  
 In family households:  
   Native..... 35115.... 2743.... 1,9  
   Foreign born:  
     Immigrated 1985 to 1990.... 35124.... 2752.... 1,10  
     Immigrated 1980 to 1984.... 35133.... 2761.... 1,11  
     Immigrated before 1980.... 35142.... 2770.... 1,12  
 In nonfamily households:  
   Native..... 35151.... 2779.... 1,13  
   Foreign born:  
     Immigrated 1985 to 1990.... 35160.... 2788.... 1,14  
     Immigrated 1980 to 1984.... 35169.... 2797.... 1,15  
     Immigrated before 1980.... 35178.... 2806.... 1,16  
 In group quarters:  
   Native..... 35187.... 2815.... 1,17  
   Foreign born:  
     Immigrated 1985 to 1990.. 35196.... 2824.... 1,18  
     Immigrated 1980 to 1984.. 35205.... 2833.... 1,19  
     Immigrated before 1980... 35214.... 2842.... 1,20

Income in 1989 below poverty level:  
 (Repeat HOUSEHOLD TYPE AND RELATIONSHIP, NATIVITY, AND YEAR OF ENTRY)..... 35223.... 2851.... 2,1

PB121. POVERTY STATUS IN 1989(2) BY HOUSEHOLD TYPE AND RELATIONSHIP AND PUBLIC ASSISTANCE INCOME IN

1989(10) (20)  
 Universe: Unrelated individuals for whom poverty status is determined  
 Income in 1989 above poverty level:  
 Nonfamily householder:  
   Living alone:  
     With public assistance income. 35403.... 3031.... 1,1  
     No public assistance income... 35412.... 3040.... 1,2  
   Not living alone:  
     With public assistance income. 35421.... 3049.... 1,3  
     No public assistance income... 35430.... 3058.... 1,4  
 Other unrelated individuals:  
   In family households:  
     With public assistance income. 35439.... 3067.... 1,5  
     No public assistance income... 35448.... 3076.... 1,6  
   In nonfamily households:  
     With public assistance income. 35457.... 3085.... 1,7  
     No public assistance income... 35466.... 3094.... 1,8  
   In group quarters:  
     With public assistance income. 35475.... 3103.... 1,9  
     No public assistance income... 35484.... 3112.... 1,10  
 Income in 1989 below poverty level:  
 (Repeat HOUSEHOLD TYPE AND RELATIONSHIP AND PUBLIC ASSISTANCE INCOME IN 1989)..... 35493.... 3121.... 2,1

PB122. POVERTY STATUS IN 1989(2) BY HOUSEHOLD TYPE AND RELATIONSHIP AND SOCIAL SECURITY INCOME IN 1989(10) (20)

Universe: Unrelated individuals for whom poverty status is determined  
 Income in 1989 above poverty level:  
 Nonfamily householder  
   Living alone:  
     With Social Security income... 35583.... 3211.... 1,1  
     No Social Security income.... 35592.... 3220.... 1,2  
   Not living alone:  
     With Social Security income... 35601.... 3229.... 1,3  
     No Social Security income.... 35610.... 3238.... 1,4  
 Other unrelated individuals:  
   In family households:  
     With Social Security income... 35619.... 3247.... 1,5  
     No Social Security income.... 35628.... 3256.... 1,6  
   In nonfamily households:  
     With Social Security income... 35637.... 3265.... 1,7  
     No Social Security income.... 35646.... 3274.... 1,8  
   In group quarters:  
     With Social Security income... 35655.... 3283.... 1,9  
     No Social Security income.... 35664.... 3292.... 1,10  
 Income in 1989 below poverty level:

|        |  |            |           |     |
|--------|--|------------|-----------|-----|
|        | (Repeat HOUSEHOLD TYPE AND RELATIONSHIP AND SOCIAL SECURITY INCOME IN 1989).....   | 35673..... | 3301..... | 2,1 |
| PB123. | IMPUTATION OF RELATIONSHIP(2) (2)<br>Universe: Persons in households               |            |           |     |
|        | Allocated.....   | 35763..... | 3391..... | 1   |
|        | Not allocated.....   | 35772..... | 3400..... | 2   |
| PB124. | IMPUTATION OF GROUP QUARTERS(2) (2)<br>Universe: Persons in group quarters         |            |           |     |
|        | Allocated.....   | 35781..... | 3409..... | 1   |
|        | Not allocated.....   | 35790..... | 3418..... | 2   |
| PB125. | IMPUTATION OF SEX(2) (2)<br>Universe: Persons                                      |            |           |     |
|        | Allocated.....   | 35799..... | 3427..... | 1   |
|        | Not allocated.....   | 35808..... | 3436..... | 2   |
| PB126. | IMPUTATION OF AGE(2) (2)<br>Universe: Persons                                      |            |           |     |
|        | Allocated.....   | 35817..... | 3445..... | 1   |
|        | Not allocated.....   | 35826..... | 3454..... | 2   |
| PB127. | IMPUTATION OF MARITAL STATUS(2) (2)<br>Universe: Persons 15 years and over         |            |           |     |
|        | Allocated.....   | 35835..... | 3463..... | 1   |
|        | Not allocated.....   | 35844..... | 3472..... | 2   |
| PB128. | IMPUTATION OF PLACE OF BIRTH(2) (2)<br>Universe: Persons                           |            |           |     |
|        | Allocated.....   | 35853..... | 3481..... | 1   |
|        | Not allocated.....   | 35862..... | 3490..... | 2   |
| PB129. | IMPUTATION OF CITIZENSHIP(2) (2)<br>Universe: Persons                              |            |           |     |
|        | Allocated.....   | 35871..... | 3499..... | 1   |
|        | Not allocated.....   | 35880..... | 3508..... | 2   |
| PB130. | IMPUTATION OF YEAR OF ENTRY(2) (2)<br>Universe: Foreign-born persons               |            |           |     |
|        | Allocated.....   | 35889..... | 3517..... | 1   |
|        | Not allocated.....   | 35898..... | 3526..... | 2   |
| PB131. | IMPUTATION OF SCHOOL ENROLLMENT(2) (2)<br>Universe: Persons 3 years and over       |            |           |     |
|        | Allocated.....   | 35907..... | 3535..... | 1   |
|        | Not allocated.....   | 35916..... | 3544..... | 2   |
| PB132. | IMPUTATION OF EDUCATIONAL ATTAINMENT(2) (2)<br>Universe: Persons 25 years and over |            |           |     |

|        |  |           |          |   |
|--------|--|-----------|----------|---|
|        | Allocated.....                         | 35925.... | 3553.... | 1 |
|        | Not allocated.....                     | 35934.... | 3562.... | 2 |
| PB133. | IMPUTATION OF RESIDENCE IN 1985(4) (4) |           |          |   |
|        | Universe: Persons 5 years and over     |           |          |   |
|        | Different house in 1985:               |           |          |   |
|        | Allocated:                             |           |          |   |
|        | One or more but not all geo-           |           |          |   |
|        | graphic parts allocated.....           | 35943.... | 3571.... | 1 |
|        | All geographic parts allocated..       | 35952.... | 3580.... | 2 |
|        | Not allocated.....                     | 35961.... | 3589.... | 3 |
|        | Same house in 1985.....                | 35970.... | 3598.... | 4 |
| PB134. | IMPUTATION OF LANGUAGE STATUS(2) (2)   |           |          |   |
|        | Universe: Persons 5 years and over     |           |          |   |
|        | Allocated.....                         | 35979.... | 3607.... | 1 |
|        | Not allocated.....                     | 35988.... | 3616.... | 2 |
| PB135. | IMPUTATION OF LANGUAGE SPOKEN AT       |           |          |   |
|        | HOME(3) (3)                            |           |          |   |
|        | Universe: Persons 5 years and over     |           |          |   |
|        | Speak only English.....                | 35997.... | 3625.... | 1 |
|        | Speak other language:                  |           |          |   |
|        | Allocated.....                         | 36006.... | 3634.... | 2 |
|        | Not allocated.....                     | 36015.... | 3643.... | 3 |
| PB136. | IMPUTATION OF ABILITY TO SPEAK         |           |          |   |
|        | ENGLISH(3) (3)                         |           |          |   |
|        | Universe: Persons 5 years and over     |           |          |   |
|        | Speak only English.....                | 36024.... | 3652.... | 1 |
|        | Speak other language:                  |           |          |   |
|        | Allocated.....                         | 36033.... | 3661.... | 2 |
|        | Not allocated.....                     | 36042.... | 3670.... | 3 |
| PB137. | IMPUTATION OF VETERAN STATUS(2) (2)    |           |          |   |
|        | Universe: Persons 16 years and over    |           |          |   |
|        | Allocated.....                         | 36051.... | 3679.... | 1 |
|        | Not allocated.....                     | 36060.... | 3688.... | 2 |
| PB138. | IMPUTATION OF PERIOD OF MILITARY       |           |          |   |
|        | SERVICE(2) (2)                         |           |          |   |
|        | Universe: Civilian veterans 16 years   |           |          |   |
|        | and over                               |           |          |   |
|        | Allocated.....                         | 36069.... | 3697.... | 1 |
|        | Not allocated.....                     | 36078.... | 3706.... | 2 |
| PB139. | IMPUTATION OF WORK DISABILITY          |           |          |   |
|        | STATUS(2) (2)                          |           |          |   |
|        | Universe: Civilian noninstitution-     |           |          |   |
|        | alized persons 16 years and over       |           |          |   |
|        | Allocated.....                         | 36087.... | 3715.... | 1 |

|        |   |           |          |   |
|--------|---|-----------|----------|---|
|        | Not allocated.....  | 36096.... | 3724.... | 2 |
| PB140. | IMPUTATION OF MOBILITY LIMITATION<br>STATUS(2) (2)<br>Universe: Civilian noninstitution-<br>alized persons 16 years and over  |           |          |   |
|        | Allocated.....  | 36105.... | 3733.... | 1 |
|        | Not allocated.....  | 36114.... | 3742.... | 2 |
| PB141. | IMPUTATION OF SELF-CARE LIMITATION<br>STATUS(2) (2)<br>Universe: Civilian noninstitution-<br>alized persons 16 years and over |           |          |   |
|        | Allocated.....  | 36123.... | 3751.... | 1 |
|        | Not allocated.....  | 36132.... | 3760.... | 2 |
| PB142. | IMPUTATION OF CHILDREN EVER BORN(2) (2)<br>Universe: Females 15 years and over  |           |          |   |
|        | Allocated.....  | 36141.... | 3769.... | 1 |
|        | Not allocated.....  | 36150.... | 3778.... | 2 |
| PB143. | IMPUTATION OF PLACE OF WORK(3) (3)<br>Universe: Workers 16 years and over   |           |          |   |
|        | Allocated:  |           |          |   |
|        | One or more but not all geographic<br>parts allocated.....  | 36159.... | 3787.... | 1 |
|        | All geographic parts allocated....  | 36168.... | 3796.... | 2 |
|        | Not allocated.....  | 36177.... | 3805.... | 3 |
| PB144. | IMPUTATION OF MEANS OF TRANSPORTATION<br>TO WORK(2) (2)<br>Universe: Workers 16 years and over                                |           |          |   |
|        | Allocated.....  | 36186.... | 3814.... | 1 |
|        | Not allocated.....  | 36195.... | 3823.... | 2 |
| PB145. | IMPUTATION OF PRIVATE VEHICLE<br>OCCUPANCY(3) (3)<br>Universe: Workers 16 years and over                                      |           |          |   |
|        | Car, truck, or van:   |           |          |   |
|        | Allocated.....  | 36204.... | 3832.... | 1 |
|        | Not allocated.....  | 36213.... | 3841.... | 2 |
|        | Other means.....  | 36222.... | 3850.... | 3 |
| PB146. | IMPUTATION OF TIME LEAVING HOME TO<br>GO TO WORK(3) (3)<br>Universe: Workers 16 years and over                                |           |          |   |
|        | Did not work at home:   |           |          |   |
|        | Allocated.....  | 36231.... | 3859.... | 1 |
|        | Not allocated.....  | 36240.... | 3868.... | 2 |
|        | Worked at home.....   | 36249.... | 3877.... | 3 |

|        |   |           |          |   |
|--------|---|-----------|----------|---|
| PB147. | IMPUTATION OF TRAVEL TIME TO WORK(3) (3)                    |           |          |   |
|        | Universe: Workers 16 years and over                         |           |          |   |
|        | Did not work at home:                                       |           |          |   |
|        | Allocated.....  | 36258.... | 3886.... | 1 |
|        | Not allocated.....  | 36267.... | 3895.... | 2 |
|        | Worked at home.....   | 36276.... | 3904.... | 3 |
| PB148. | IMPUTATION OF EMPLOYMENT STATUS(2) (2)                      |           |          |   |
|        | Universe: Persons 16 years and over                         |           |          |   |
|        | Allocated.....  | 36285.... | 3913.... | 1 |
|        | Not allocated.....  | 36294.... | 3922.... | 2 |
| PB149. | IMPUTATION OF WORK STATUS IN 1989(2) (2)                    |           |          |   |
|        | Universe: Persons 16 years and over                         |           |          |   |
|        | Allocated.....  | 36303.... | 3931.... | 1 |
|        | Not allocated.....  | 36312.... | 3940.... | 2 |
| PB150. | IMPUTATION OF USUAL HOURS WORKED PER<br>WEEK IN 1989(3) (3) |           |          |   |
|        | Universe: Persons 16 years and over                         |           |          |   |
|        | Worked in 1989:   |           |          |   |
|        | Allocated.....  | 36321.... | 3949.... | 1 |
|        | Not allocated.....  | 36330.... | 3958.... | 2 |
|        | Did not work in 1989.....                                   | 36339.... | 3967.... | 3 |
| PB151. | IMPUTATION OF WEEKS WORKED IN 1989(3) (3)                   |           |          |   |
|        | Universe: Persons 16 years and over                         |           |          |   |
|        | Worked in 1989:   |           |          |   |
|        | Allocated.....  | 36348.... | 3976.... | 1 |
|        | Not allocated.....  | 36357.... | 3985.... | 2 |
|        | Did not work in 1989.....                                   | 36366.... | 3994.... | 3 |
| PB152. | IMPUTATION OF INDUSTRY(2) (2)                               |           |          |   |
|        | Universe: Employed persons 16 years<br>and over             |           |          |   |
|        | Allocated.....  | 36375.... | 4003.... | 1 |
|        | Not allocated.....  | 36384.... | 4012.... | 2 |
| PB153. | IMPUTATION OF OCCUPATION(2) (2)                             |           |          |   |
|        | Universe: Employed persons 16 years<br>and over             |           |          |   |
|        | Allocated.....  | 36393.... | 4021.... | 1 |
|        | Not allocated.....  | 36402.... | 4030.... | 2 |
| PB154. | IMPUTATION OF CLASS OF WORKER(2) (2)                        |           |          |   |
|        | Universe: Employed persons 16 years<br>and over             |           |          |   |
|        | Allocated.....  | 36411.... | 4039.... | 1 |
|        | Not allocated.....  | 36420.... | 4048.... | 2 |
| PB155. | IMPUTATION OF INCOME IN 1989(2) (2)                         |           |          |   |



|        |   |           |          |     |
|--------|---|-----------|----------|-----|
|        | Universe: Persons 15 years and over   |           |          |     |
|        | Allocated.....  | 36429.... | 4057.... | 1   |
|        | Not allocated.....  | 36438.... | 4066.... | 2   |
| PB156. | IMPUTATION OF HOUSEHOLD INCOME IN<br>1989(2) (2)  |           |          |     |
|        | Universe: Households  |           |          |     |
|        | Allocated.....  | 36447.... | 4075.... | 1   |
|        | Not allocated.....  | 36456.... | 4084.... | 2   |
| PB157. | IMPUTATION OF FAMILY INCOME IN<br>1989(2) (2)   |           |          |     |
|        | Universe: Families  |           |          |     |
|        | Allocated.....  | 36465.... | 4093.... | 1   |
|        | Not allocated.....  | 36474.... | 4102.... | 2   |
| PB158. | IMPUTATION OF NONFAMILY HOUSEHOLD<br>INCOME IN 1989(2) (2)  |           |          |     |
|        | Universe: Nonfamily households  |           |          |     |
|        | Allocated.....  | 36483.... | 4111.... | 1   |
|        | Not allocated.....  | 36492.... | 4120.... | 2   |
| PB159. | IMPUTATION OF FAMILY INCOME IN<br>1989(2) BY POVERTY STATUS IN<br>1989(2) (4)                       |           |          |     |
|        | Universe: Families  |           |          |     |
|        | Allocated:  |           |          |     |
|        | Income in 1989 above poverty level  | 36501.... | 4129.... | 1,1 |
|        | Income in 1989 below poverty level  | 36510.... | 4138.... | 1,2 |
|        | Not allocated:  |           |          |     |
|        | (Repeat POVERTY STATUS IN 1989)...  | 36519.... | 4147.... | 2,1 |
| PB160. | IMPUTATION OF FAMILY OR UNRELATED<br>INDIVIDUAL INCOME IN 1989 AND<br>POVERTY STATUS IN 1989(6) (6) |           |          |     |
|        | Universe: Persons for whom poverty<br>status is determined  |           |          |     |
|        | In families:  |           |          |     |
|        | Family income in 1989 allocated...  | 36537.... | 4165.... | 1   |
|        | Family income in 1989 not<br>allocated:   |           |          |     |
|        | Income in 1989 above poverty<br>level.....  | 36546.... | 4174.... | 2   |
|        | Income in 1989 below poverty<br>level.....  | 36555.... | 4183.... | 3   |
|        | Unrelated individuals:  |           |          |     |
|        | Income in 1989 allocated.....   | 36564.... | 4192.... | 4   |
|        | Income in 1989 not allocated:   |           |          |     |
|        | Income in 1989 above poverty<br>level.....  | 36573.... | 4201.... | 5   |
|        | Income in 1989 below poverty  |           |          |     |

|        |  |           |          |       |
|--------|--|-----------|----------|-------|
|        | level.....   | 36582.... | 4210.... | 6     |
| PB161. | IMPUTATION OF INCOME IN 1989(2) BY<br>POVERTY STATUS IN 1989(2) (4)      |           |          |       |
|        | Universe: Unrelated individuals for<br>whom poverty status is determined |           |          |       |
|        | Allocated:   |           |          |       |
|        | Income in 1989 above poverty level                                       | 36591.... | 4219.... | 1,1   |
|        | Income in 1989 below poverty level                                       | 36600.... | 4228.... | 1,2   |
|        | Not allocated:   |           |          |       |
|        | (Repeat POVERTY STATUS IN 1989)...                                       | 36609.... | 4237.... | 2,1   |
| HB1.   | TENURE(2) (2)  |           |          |       |
|        | Universe: Occupied housing units   |           |          |       |
|        | Owner occupied.....  | 36627.... | 4255.... | 1     |
|        | Renter occupied.....   | 36636.... | 4264.... | 2     |
| HB2.   | TENURE(2) BY BEDROOMS(6) (12)  |           |          |       |
|        | Universe: Occupied housing units   |           |          |       |
|        | Owner occupied:  |           |          |       |
|        | No bedroom.....  | 36645.... | 4273.... | 1,1   |
|        | 1 bedroom.....   | 36654.... | 4282.... | 1,2   |
|        | 2 bedrooms.....  | 36663.... | 4291.... | 1,3   |
|        | 3 bedrooms.....  | 36672.... | 4300.... | 1,4   |
|        | 4 bedrooms.....  | 36681.... | 4309.... | 1,5   |
|        | 5 or more bedrooms.....  | 36690.... | 4318.... | 1,6   |
|        | Renter occupied:   |           |          |       |
|        | (Repeat BEDROOMS).....   | 36699.... | 4327.... | 2,1   |
| HB3.   | TENURE(2) BY YEAR STRUCTURE BUILT(8) (16)                                |           |          |       |
|        | Universe: Occupied housing units   |           |          |       |
|        | Owner occupied:  |           |          |       |
|        | 1989 to March 1990.....  | 36753.... | 4381.... | 1,1   |
|        | 1985 to 1988.....  | 36762.... | 4390.... | 1,2   |
|        | 1980 to 1984.....  | 36771.... | 4399.... | 1,3   |
|        | 1970 to 1979.....  | 36780.... | 4408.... | 1,4   |
|        | 1960 to 1969.....  | 36789.... | 4417.... | 1,5   |
|        | 1950 to 1959.....  | 36798.... | 4426.... | 1,6   |
|        | 1940 to 1949.....  | 36807.... | 4435.... | 1,7   |
|        | 1939 or earlier.....   | 36816.... | 4444.... | 1,8   |
|        | Renter occupied:   |           |          |       |
|        | (Repeat YEAR STRUCTURE BUILT).....                                       | 36825.... | 4453.... | 2,1   |
| HB4.   | TENURE(2) BY PLUMBING FACILITIES(2)<br>(BY PERSONS PER ROOM(3) (12)      |           |          |       |
|        | Universe: Occupied housing units   |           |          |       |
|        | Owner occupied:  |           |          |       |
|        | Complete plumbing facilities:  |           |          |       |
|        | 1.00 or less.....  | 34897.... | 4525.... | 1,1,1 |
|        | 1.01 to 1.50.....  | 36906.... | 4534.... | 1,1,2 |
|        | 1.51 or more.....  | 36915.... | 4543.... | 1,1,3 |

|      |   |           |          |       |
|------|---|-----------|----------|-------|
|      | Lacking complete plumbing facilities:   |           |          |       |
|      | (Repeat PERSONS PER ROOM).....          | 36924.... | 4552.... | 1,2,1 |
|      | Renter occupied:                        |           |          |       |
|      | (Repeat PLUMBING FACILITIES By          |           |          |       |
|      | PERSONS PER ROOM).....                  | 36951.... | 4579.... | 2,1,1 |
| HB5. | TENURE(2) BY VEHICLES AVAILABLE(8) (16) |           |          |       |
|      | Universe: Occupied housing units        |           |          |       |
|      | Owner occupied:                         |           |          |       |
|      | None.....                               | 37005.... | 4633.... | 1,1   |
|      | 1.....                                  | 37014.... | 4642.... | 1,2   |
|      | 2.....                                  | 37023.... | 4651.... | 1,3   |
|      | 3.....                                  | 37032.... | 4660.... | 1,4   |
|      | 4.....                                  | 37041.... | 4669.... | 1,5   |
|      | 5.....                                  | 37050.... | 4678.... | 1,6   |
|      | 6.....                                  | 37059.... | 4687.... | 1,7   |
|      | 7 or more.....                          | 37068.... | 4696.... | 1,8   |
|      | Renter occupied:                        |           |          |       |
|      | (Repeat VEHICLES AVAILABLE).....        | 37077.... | 4705.... | 2,1   |
| HB6. | AGGREGATE VEHICLES AVAILABLE(1) BY      |           |          |       |
|      | TENURE(2) (2)                           |           |          |       |
|      | Universe: Occupied housing units        |           |          |       |
|      | Total:                                  |           |          |       |
|      | Owner occupied.....                     | 37149.... | 4777.... | 1,1   |
|      | Renter occupied.....                    | 37158.... | 4786.... | 1,2   |
| HB7. | TENURE(2) BY YEAR HOUSEHOLDER MOVED     |           |          |       |
|      | INTO UNIT(6) (12)                       |           |          |       |
|      | Universe: Occupied housing units        |           |          |       |
|      | Owner occupied:                         |           |          |       |
|      | 1989 to March 1990.....                 | 37167.... | 4795.... | 1,1   |
|      | 1985 to 1988.....                       | 37176.... | 4804.... | 1,2   |
|      | 1980 to 1984.....                       | 37185.... | 4813.... | 1,3   |
|      | 1970 to 1979.....                       | 37194.... | 4822.... | 1,4   |
|      | 1960 to 1969.....                       | 37203.... | 4831.... | 1,5   |
|      | 1959 or earlier.....                    | 37212.... | 4840.... | 1,6   |
|      | Renter occupied:                        |           |          |       |
|      | (Repeat YEAR HOUSEHOLDER MOVED          |           |          |       |
|      | INTO UNIT).....                         | 37221.... | 4849.... | 2,1   |
| HB8. | TENURE(2) BY KITCHEN FACILITIES(2) (4)  |           |          |       |
|      | Universe: Occupied housing units        |           |          |       |
|      | Owner occupied:                         |           |          |       |
|      | Complete kitchen facilities.....        | 37275.... | 4903.... | 1,1   |
|      | Lacking complete kitchen                |           |          |       |
|      | facilities.....                         | 37284.... | 4912.... | 1,2   |
|      | Renter occupied:                        |           |          |       |
|      | (Repeat KITCHEN FACILITIES).....        | 37293.... | 4921.... | 2,1   |
| HB9. | TENURE(2) BY SOURCE OF WATER(4) (8)     |           |          |       |

|       |   |           |          |     |
|-------|---|-----------|----------|-----|
|       | Universe: Occupied housing units                  |           |          |     |
|       | Owner occupied:                                   |           |          |     |
|       | Public system or private company..                | 37311.... | 4939.... | 1,1 |
|       | Individual well:                                  |           |          |     |
|       | Drilled.....                                      | 37320.... | 4948.... | 1,2 |
|       | Dug.....  | 37329.... | 4957.... | 1,3 |
|       | Some other source.....                            | 37338.... | 4966.... | 1,4 |
|       | Renter occupied:                                  |           |          |     |
|       | (Repeat SOURCE OF WATER).....                     | 37347.... | 4975.... | 2,1 |
| HB10. | TENURE(2) BY SEWAGE DISPOSAL(3) (6)               |           |          |     |
|       | Universe: Occupied housing units                  |           |          |     |
|       | Owner occupied:                                   |           |          |     |
|       | Public sewer.....                                 | 37383.... | 5011.... | 1,1 |
|       | Septic tank or cesspool.....                      | 37392.... | 5020.... | 1,2 |
|       | Other means.....                                  | 37401.... | 5029.... | 1,3 |
|       | Renter occupied:                                  |           |          |     |
|       | (Repeat SEWAGE DISPOSAL).....                     | 37410.... | 5038.... | 2,1 |
| HB11. | TENURE(2) BY HOUSE HEATING FUEL(9) (18)           |           |          |     |
|       | Universe: Occupied housing unhs                   |           |          |     |
|       | Owner occupied:                                   |           |          |     |
|       | Utility gas.....                                  | 37437.... | 5065.... | 1,1 |
|       | Bottled, tank, or LP gas.....                     | 37446.... | 5074.... | 1,2 |
|       | Electricity.....                                  | 37455.... | 5083.... | 1,3 |
|       | Fuel oil, kerosene, etc.....                      | 37464.... | 5092.... | 1,4 |
|       | Coal or coke.....                                 | 37473.... | 5101.... | 1,5 |
|       | Wood.....   | 37482.... | 5110.... | 1,6 |
|       | Solar energy.....                                 | 37491.... | 5119.... | 1,7 |
|       | Other fuel.....                                   | 37500.... | 5128.... | 1,8 |
|       | No fuel used.....                                 | 37509.... | 5137.... | 1,9 |
|       | Renter occupied:                                  |           |          |     |
|       | (Repeat HOUSE HEATING FUEL).....                  | 37518.... | 5146.... | 2,1 |
| HB12. | GROSS RENT(27) (27)                               |           |          |     |
|       | Universe: Specified renter-occupied housing units |           |          |     |
|       | With cash rent:                                   |           |          |     |
|       | Less than \$80.....                               | 37599.... | 5227.... | 1   |
|       | \$80 to \$99.....                                 | 37608.... | 5236.... | 2   |
|       | \$100 to \$124.....                               | 37617.... | 5245.... | 3   |
|       | \$125 to \$149.....                               | 37626.... | 5254.... | 4   |
|       | \$150 to \$174.....                               | 37635.... | 5263.... | 5   |
|       | \$175 to \$199.....                               | 37644.... | 5272.... | 6   |
|       | \$200 to \$224.....                               | 37653.... | 5281.... | 7   |
|       | \$225 to \$249.....                               | 37662.... | 5290.... | 8   |
|       | \$250 to \$274.....                               | 37671.... | 5299.... | 9   |
|       | \$275 to \$299.....                               | 37680.... | 5308.... | 10  |
|       | \$300 to \$324.....                               | 37689.... | 5317.... | 11  |
|       | \$325 to \$349.....                               | 37698.... | 5326.... | 12  |
|       | \$350 to \$374.....                               | 37707.... | 5335.... | 13  |

|        |   |           |          |      |
|--------|---|-----------|----------|------|
|        | \$375 to \$399.....   | 37716.... | 5344.... | 14   |
|        | \$400 to \$424.....   | 37725.... | 5353.... | 15   |
|        | \$425 to \$449.....   | 37734.... | 5362.... | 16   |
|        | \$450 to \$474.....   | 37743.... | 5371.... | 17   |
|        | \$475 to \$499.....   | 37752.... | 5380.... | 18   |
|        | \$500 to \$549.....   | 37761.... | 5389.... | 19   |
|        | \$550 to \$599.....   | 37770.... | 5398.... | 20   |
|        | \$600 to \$649.....   | 37779.... | 5407.... | 21   |
|        | \$650 to \$699.....   | 37788.... | 5416.... | 22   |
|        | \$700 to \$749.....   | 37797.... | 5425.... | 23   |
|        | \$750 to \$999.....   | 37806.... | 5434.... | 24   |
|        | \$1,000 to \$1,999.....   | 37815.... | 5443.... | 25   |
|        | \$2,000 or more.....  | 37824.... | 5452.... | 26   |
|        | No cash rent.....   | 37833.... | 5461.... | 27   |
| HB12A. | MEDIAN GROSS RENT(1) (1)<br>Universe: Specified renter-occupied<br>housing units paying cash rent<br>Median gross rent..... | 37842.... | 5470.... | 1    |
| HB13.  | AGGREGATE GROSS RENT(1) (1)<br>Universe: Specified renter-occupied<br>housing units paying cash rent<br>Total.....          | 37851.... | 5479.... | 1    |
| HB14.  | TENURE(2) BY HOUSEHOLD INCOME IN<br>1989(25) (50)<br>Universe: Occupied housing units<br>Owner occupied:                    |           |          |      |
|        | Less than \$5,000.....  | 37866.... | 5494.... | 1,1  |
|        | \$5,000 to \$9,999.....   | 37875.... | 5503.... | 1,2  |
|        | \$10,000 to \$12,499.....   | 37884.... | 5512.... | 1,3  |
|        | \$12,500 to \$14,999.....   | 37893.... | 5521.... | 1,4  |
|        | \$15,000 to \$17,499.....   | 37902.... | 5530.... | 1,5  |
|        | \$17,500 to \$19,999.....   | 37911.... | 5539.... | 1,6  |
|        | \$20,000 to \$22,499.....   | 37920.... | 5548.... | 1,7  |
|        | \$22,500 to \$24,999.....   | 37929.... | 5557.... | 1,8  |
|        | \$25,000 to \$27,499.....   | 37938.... | 5566.... | 1,9  |
|        | \$27,500 to \$29,999.....   | 37947.... | 5575.... | 1,10 |
|        | \$30,000 to \$32,499.....   | 37956.... | 5584.... | 1,11 |
|        | \$32,500 to \$34,999.....   | 37965.... | 5593.... | 1,12 |
|        | \$35,000 to \$37,499.....   | 37974.... | 5602.... | 1,13 |
|        | \$37,500 to \$39,999.....   | 37983.... | 5611.... | 1,14 |
|        | \$40,000 to \$42,499.....   | 37992.... | 5620.... | 1,15 |
|        | \$42,500 to \$44,999.....   | 38001.... | 5629.... | 1,16 |
|        | \$45,000 to \$47,499.....   | 38010.... | 5638.... | 1,17 |
|        | \$47,500 to \$49,999.....   | 38019.... | 5647.... | 1,18 |
|        | \$50,000 to \$54,999.....   | 38028.... | 5656.... | 1,19 |
|        | \$55,000 to \$59,999.....   | 38037.... | 5665.... | 1,20 |
|        | \$60,000 to \$74,999.....   | 38046.... | 5674.... | 1,21 |
|        | \$75,000 to \$99,999.....   | 38055.... | 5683.... | 1,22 |

|        |   |           |          |       |
|--------|---|-----------|----------|-------|
|        | \$100,000 to \$124,999.....               | 38064.... | 5692.... | 1,23  |
|        | \$125,000 to \$149,999.....               | 38073.... | 5701.... | 1,24  |
|        | \$150,000 or more.....                    | 38082.... | 5710.... | 1,25  |
|        | Renter occupied:                          |           |          |       |
|        | (Repeat HOUSEHOLD INCOME IN 1989).        | 38091.... | 5719.... | 2,1   |
| HB14A. | MEDIAN HOUSEHOLD INCOME IN 1989(1) (1)    |           |          |       |
|        | Universe: Occupied housing units          |           |          |       |
|        | Median household income in 1989.....      | 38316.... | 5944.... | 1     |
| HB14B. | MEDIAN HOUSEHOLD INCOME IN 1989(1)        |           |          |       |
|        | BY TENURE(2) (2)                          |           |          |       |
|        | Universe: Occupied housing units          |           |          |       |
|        | Median household income in 1989:          |           |          |       |
|        | Owner occupied.....                       | 38325.... | 5953.... | 1,1   |
|        | Renter occupied.....                      | 38334.... | 5962.... | 1,2   |
| HB15.  | AGGREGATE HOUSEHOLD INCOME IN 1989(1)     |           |          |       |
|        | BY TENURE(2) BY AGE OF HOUSEHOLDER(4) (8) |           |          |       |
|        | Universe: Occupied housing units          |           |          |       |
|        | Total:                                    |           |          |       |
|        | Owner occupied:                           |           |          |       |
|        | Householder 15 to 59 years.....           | 38343.... | 5971.... | 1,1,1 |
|        | Householder 60 to 64 years.....           | 38358.... | 5986.... | 1,1,2 |
|        | Householder 65 to 74 years.....           | 38373.... | 6001.... | 1,1,3 |
|        | Householder 75 years and over...          | 38388.... | 6016.... | 1,1,4 |
|        | Renter occupied:                          |           |          |       |
|        | (Repeat AGE OF HOUSEHOLDER).....          | 38403.... | 6031.... | 1,2,1 |
| HB16.  | HOUSEHOLD INCOME IN 1989(8) BY GROSS      |           |          |       |
|        | RENT AS A PERCENTAGE OF HOUSEHOLD         |           |          |       |
|        | INCOME IN 1989(10) (80)                   |           |          |       |
|        | Universe: Specified renter-occupied       |           |          |       |
|        | housing units                             |           |          |       |
|        | Less than \$10,000:                       |           |          |       |
|        | Less than 10 percent.....                 | 38463.... | 6091.... | 1,1   |
|        | 10 to 14 percent.....                     | 38472.... | 6100.... | 1,2   |
|        | 15 to 19 percent.....                     | 38481.... | 6109.... | 1,3   |
|        | 20 to 24 percent.....                     | 38490.... | 6118.... | 1,4   |
|        | 25 to 29 percent.....                     | 38499.... | 6127.... | 1,5   |
|        | 30 to 34 percent.....                     | 38508.... | 6136.... | 1,6   |
|        | 35 to 39 percent.....                     | 38517.... | 6145.... | 1,7   |
|        | 40 to 49 percent.....                     | 38526.... | 6154.... | 1,8   |
|        | 50 percent or more.....                   | 38535.... | 6163.... | 1,9   |
|        | Not computed.....                         | 38544.... | 6172.... | 1,10  |
|        | \$10,000 to \$14,999:                     |           |          |       |
|        | (Repeat GROSS RENT AS A PERCENTAGE        |           |          |       |
|        | OF HOUSEHOLD INCOME IN 1989).....         | 38553.... | 6181.... | 2,1   |
|        | \$15,000 to \$19,999:                     |           |          |       |
|        | (Repeat GROSS RENT AS A PERCENTAGE        |           |          |       |
|        | OF HOUSEHOLD INCOME IN 1989).....         | 38643.... | 6271.... | 3,1   |

|  |            |           |     |
|--|------------|-----------|-----|
| \$20,000 to \$24,999:<br>(Repeat GROSS RENT AS A PERCENTAGE<br>OF HOUSEHOLD INCOME IN 1989).....   | 38733..... | 6361..... | 4,1 |
| \$25,000 to \$29,999:<br>(Repeat GROSS RENT AS A PERCENTAGE<br>OF HOUSEHOLD INCOME IN 1989).....   | 38823..... | 6451..... | 5,1 |
| \$30,000 to \$34,999:<br>(Repeat GROSS RENT AS A PERCENTAGE<br>OF HOUSEHOLD INCOME IN 1989).....   | 38913..... | 6541..... | 6,1 |
| \$35,000 to \$49,999:<br>(Repeat GROSS RENT AS A PERCENTAGE<br>OF HOUSEHOLD INCOME IN 1989).....   | 39003..... | 6631..... | 7,1 |
| \$50,000 or more:<br>(Repeat GROSS RENT AS A PERCENTAGE<br>OF HOUSEHOLD INCOME IN 1989).....   | 39093..... | 6721..... | 8,1 |
| HB16A. MEDIAN GROSS RENT AS A PERCENTAGE OF<br>HOUSEHOLD INCOME IN 1989(1) (1)<br>1 implied decimal(s)<br>Universe: Specified renter-occupied<br>housing units paying cash rent<br>Median gross rent as a percentage of<br>household income in 1989.....                               |            |           |     |
|  | 39183..... | 6811..... | 1   |
| HB16B. MEDIAN GROSS RENT AS A PERCENTAGE OF<br>HOUSEHOLD INCOME IN 1989(1) BY<br>HOUSEHOLD INCOME IN 1989(8) (8)<br>1 implied decimal(s)<br>Universe: Specified renter-occupied<br>housing units paying cash rent<br>Median gross rent as a percentage of<br>household income in 1989: |            |           |     |
| Less than \$10,000.....  | 39192..... | 6820..... | 1,1 |
| \$10,000 to \$14,999.....  | 39201..... | 6829..... | 1,2 |
| \$15,000 to \$19,999.....  | 39210..... | 6838..... | 1,3 |
| \$20,000 to \$24,999.....  | 39219..... | 6847..... | 1,4 |
| \$25,000 to \$29,999.....  | 39228..... | 6856..... | 1,5 |
| \$30,000 to \$34,999.....  | 39237..... | 6865..... | 1,6 |
| \$35,000 to \$49,999.....  | 39246..... | 6874..... | 1,7 |
| \$50,000 or more.....  | 39255..... | 6883..... | 1,8 |
| HB16C. MEDIAN GROSS RENT AS A PERCENTAGE OF<br>HOUSEHOLD INCOME IN 1989(1) BY<br>HOUSEHOLD INCOME IN 1989(2) (2)<br>1 implied decimal(s)<br>Universe: Specified renter-occupied<br>housing units paying cash rent<br>Median gross rent as a percentage<br>of household income in 1989: |            |           |     |
| Less than \$35,000.....  | 39264..... | 6892..... | 1,1 |
| \$35,000 or more.....  | 39273..... | 6901..... | 1,2 |

HB17. HOUSEHOLD INCOME IN 1989(8) BY  
MORTGAGE STATUS(2) BY SELECTED  
MONTHLY OWNER COSTS AS A PERCENTAGE OF  
HOUSEHOLD INCOME IN 1989(10) (160)  
Universe: Specified owner-occupied  
housing unhs  
Less than \$10,000:  
With a mortgage:  
Less than 10 percent..... 39282.... 6910.... 1,1,1  
10 to 14 percent..... 39291.... 6919.... 1,1,2  
15 to 19 percent..... 39300.... 6928.... 1,1,3  
20 to 24 percent..... 39309.... 6937.... 1,1,4  
25 to 29 percent..... 39318.... 6946.... 1,1,5  
30 to 34 percent..... 39327.... 6955.... 1,1,6  
35 to 39 percent..... 39336.... 6964.... 1,1,7  
40 to 49 percent..... 39345.... 6973.... 1,1,8  
50 percent or more..... 39354.... 6982.... 1,1,9  
Not computed..... 39363.... 6991.... 1,1,10  
Not mortgaged:  
(Repeat SELECTED MONTHLY OWNER  
COSTS AS A PERCENTAGE OF HOUSE-  
HOLD INCOME IN 1989)..... 39372.... 7000.... 1,2,1  
\$10,000 to \$14,999:  
(Repeat MORTGAGE STATUS MONTHLY  
OWNER COSTS AS A PERCENTAGE OF  
HOUSEHOLD INCOME IN 1989)..... 39462.... 7090.... 2,1,1  
\$15,000 to \$19,999:  
(Repeat MORTGAGE STATUS MONTHLY  
OWNER COSTS AS A PERCENTAGE OF  
HOUSEHOLD INCOME IN 1989)..... 39642.... 7270.... 3,1,1  
\$20,000 to \$24,999:  
(Repeat MORTGAGE STATUS MONTHLY  
OWNER COSTS AS A PERCENTAGE OF  
HOUSEHOLD INCOME IN 1989)..... 39822.... 7450.... 4,1,1  
\$25,000 to \$29,999:  
(Repeat MORTGAGE STATUS MONTHLY  
OWNER COSTS AS A PERCENTAGE OF  
HOUSEHOLD INCOME IN 1989)..... 40002.... 7630.... 5,1,1  
\$30,000 to \$34,999:  
(Repeat MORTGAGE STATUS MONTHLY  
OWNER COSTS AS A PERCENTAGE OF  
HOUSEHOLD INCOME IN 1989)..... 40182.... 7810.... 6,1,1  
\$35,000 to \$49,999:  
(Repeat MORTGAGE STATUS MONTHLY  
OWNER COSTS AS A PERCENTAGE OF  
HOUSEHOLD INCOME IN 1989)..... 40362.... 7990.... 7,1,1  
Filler..... 40461.... 8089  
End of Segment  
\$35,000 to \$49,999:



|  |           |         |       |
|--|-----------|---------|-------|
| (Repeat MORTGAGE STATUS By<br>SELECTED MONTHLY OWNER COSTS AS<br>A PERCENTAGE OF HOUSEHOLD INCOME<br>IN 1989)-Con..... | 40766.... | 301.... | 7,2,2 |
| \$50,000 or more:  |           |         |       |
| (Repeat MORTGAGE STATUS By<br>SELECTED MONTHLY OWNER COSTS AS<br>A PERCENTAGE OF HOUSEHOLD INCOME<br>IN 1989).....     | 40847.... | 382.... | 8,1,1 |

HB17A. MEDIAN SELECTED MONTHLY OWNER COSTS  
AS A PERCENTAGE OF HOUSEHOLD INCOME  
IN 1989(1) BY MORTGAGE STATUS(2) (2)

Universe: Specified owner-occupied  
housing units

Median selected monthly owner costs  
as a percentage of household income  
in 1989:

|                      |           |         |     |
|----------------------|-----------|---------|-----|
| With a mortgage..... | 41027.... | 562.... | 1,1 |
| Not mortgaged.....   | 41036.... | 571.... | 1,2 |

HB17B. MEDIAN SELECTED MONTHLY OWNER COSTS  
AS A PERCENTAGE OF HOUSEHOLD INCOME  
IN 1989(1) BY HOUSEHOLD INCOME IN  
1989(8) BY MORTGAGE STATUS(2) (16)

Universe: Specified owner-occupied  
housing units

Median selected monthly owner costs  
as a percentage of household income  
in 1989:

Less than \$10,000:

|                      |           |         |       |
|----------------------|-----------|---------|-------|
| With a mortgage..... | 41045.... | 580.... | 1,1,1 |
| Not mortgaged.....   | 41064.... | 589.... | 1,1,2 |

\$10,000 to \$14,999:

|                               |           |         |       |
|-------------------------------|-----------|---------|-------|
| (Repeat MORTGAGE STATUS)..... | 41063.... | 598.... | 1,2,1 |
|-------------------------------|-----------|---------|-------|

\$15,000 to \$19,999:

|                               |           |         |       |
|-------------------------------|-----------|---------|-------|
| (Repeat MORTGAGE STATUS)..... | 41081.... | 616.... | 1,3,1 |
|-------------------------------|-----------|---------|-------|

\$20,000 to \$24,999:

|                               |           |         |       |
|-------------------------------|-----------|---------|-------|
| (Repeat MORTGAGE STATUS)..... | 41099.... | 634.... | 1,4,1 |
|-------------------------------|-----------|---------|-------|

\$25,000 to \$29,999:

|                               |           |          |     |
|-------------------------------|-----------|----------|-----|
| (Repeat MORTGAGE STATUS)..... | 41117.... | 6521,... | 5,1 |
|-------------------------------|-----------|----------|-----|

\$30,000 to \$34,999:

|                               |           |         |       |
|-------------------------------|-----------|---------|-------|
| (Repeat MORTGAGE STATUS)..... | 41135.... | 670.... | 1,6,1 |
|-------------------------------|-----------|---------|-------|

\$35,000 to \$49,999:

|                               |           |         |       |
|-------------------------------|-----------|---------|-------|
| (Repeat MORTGAGE STATUS)..... | 41153.... | 688.... | 1,7,1 |
|-------------------------------|-----------|---------|-------|

\$50,000 or more:

|                               |           |         |       |
|-------------------------------|-----------|---------|-------|
| (Repeat MORTGAGE STATUS)..... | 41171.... | 706.... | 1,8,1 |
|-------------------------------|-----------|---------|-------|

HB17C. MEDIAN SELECTED MONTHLY OWNER COSTS  
AS A PERCENTAGE OF HOUSEHOLD INCOME  
IN 1989(1) BY HOUSEHOLD INCOME IN

1989(2) BY MORTGAGE STATUS(2) (4)  
 1 implied decimal(s)  
 Universe: Specified owner-occupied  
 housing units  
 Median selected monthly owner costs  
 as a percentage of household income  
 in 1989:

|                               |           |         |       |
|-------------------------------|-----------|---------|-------|
| Less than \$35,000:           |           |         |       |
| With a mortgage.....          | 41189.... | 724.... | 1,1,1 |
| Not mortgaged.....            | 41198.... | 733.... | 1,1,2 |
| \$35,000 or more:             |           |         |       |
| (Repeat MORTGAGE STATUS)..... | 41207.... | 742.... | 1,2,1 |

HB18. MORTGAGE STATUS AND SELECTED MONTHLY  
 OWNER COSTS(31) (31)  
 Universe: Specified owner-occupied  
 housing units

|                         |           |          |    |
|-------------------------|-----------|----------|----|
| With a mortgage:        |           |          |    |
| Less than \$200.....    | 41225.... | 760....  | 1  |
| \$200 to \$249.....     | 41234.... | 769....  | 2  |
| \$250 to \$299.....     | 41243.... | 778....  | 3  |
| \$300 to \$349.....     | 41252.... | 787....  | 4  |
| \$350 to \$399.....     | 41261.... | 796....  | 5  |
| \$400 to \$449.....     | 41270.... | 805....  | 6  |
| \$450 to \$499.....     | 41279.... | 814....  | 7  |
| \$500 to \$549.....     | 41288.... | 823....  | 8  |
| \$550 to \$599.....     | 41297.... | 832....  | 9  |
| \$600 to \$649.....     | 41306.... | 841....  | 10 |
| \$650 to \$699.....     | 41315.... | 850....  | 11 |
| \$700 to \$749.....     | 41324.... | 859....  | 12 |
| \$750 to \$799.....     | 41333.... | 868....  | 13 |
| \$800 to \$849.....     | 41342.... | 877....  | 14 |
| \$850 to \$899.....     | 41351.... | 886....  | 15 |
| \$900 to \$949.....     | 41360.... | 895....  | 16 |
| \$950 to \$999.....     | 41369.... | 904....  | 17 |
| \$1,000 to \$1,249..... | 41378.... | 913....  | 18 |
| \$1,250 to \$1,499..... | 41387.... | 922....  | 19 |
| \$1,500 to \$1,999..... | 41396.... | 931....  | 20 |
| \$2,000 or more.....    | 41405.... | 940....  | 21 |
| Not mortgaged:          |           |          |    |
| Less than \$100.....    | 41414.... | 949....  | 22 |
| \$100 to \$149.....     | 41423.... | 968....  | 23 |
| \$150 to \$199.....     | 41432.... | 967....  | 24 |
| \$200 to \$249.....     | 41441.... | 976....  | 25 |
| \$250 to \$299.....     | 41450.... | 985....  | 26 |
| \$300 to \$349.....     | 41459.... | 994....  | 27 |
| \$350 to \$399.....     | 41468.... | 1003.... | 28 |
| \$400 to \$449.....     | 41477.... | 1012.... | 29 |
| \$450 to \$499.....     | 41486.... | 1021.... | 30 |
| \$500 or more.....      | 41495.... | 1030.... | 31 |

|        |   |           |          |         |
|--------|---|-----------|----------|---------|
| HB18A. | MEDIAN SELECTED MONTHLY OWNER COSTS<br>AND MORTGAGE STATUS(2) (2)<br>Universe: Specified owner-occupied<br>housing units                                  |           |          |         |
|        | With a mortgage.....  | 41504.... | 1039.... | 1       |
|        | Not mortgaged.....  | 41513.... | 1048.... | 2       |
| HB19.  | AGGREGATE SELECTED MONTHLY OWNER<br>COSTS(1) BY MORTGAGE STATUS(2) (2)<br>Universe: Specified owner-occupied<br>housing units                             |           |          |         |
|        | Total:  |           |          |         |
|        | With a mortgage.....  | 41522.... | 1057.... | 1,1     |
|        | Not mortgaged.....  | 41537.... | 1072.... | 1,2     |
| HB20.  | TENURE(2) BY POVERTY STATUS IN 1989(2)<br>BY PLUMBING FACILITIES(2) BY PERSONS<br>PER ROOM(2) (16)<br>Universe: Occupied housing units<br>Owner occupied: |           |          |         |
|        | Income in 1989 above poverty level:   |           |          |         |
|        | Complete plumbing facilities:   |           |          |         |
|        | 1.00 or less.....   | 41552.... | 1087.... | 1,1,1,1 |
|        | 1.01 or more.....   | 41561.... | 1096.... | 1,1,1,2 |
|        | Lacking complete plumbing<br>facilities:  |           |          |         |
|        | (Repeat PERSONS PER ROOM).....  | 41570.... | 1105.... | 1,1,2,1 |
|        | Income in 1989 below poverty level:<br>(Repeat PLUMBING FACILITIES By<br>PERSONS PER ROOM).....   | 41588.... | 1123.... | 1,2,1,1 |
|        | Renter occupied:<br>(Repeat POVERTY STATUS IN 1989 By<br>PLUMBING FACILITIES By PERSONS<br>PER ROOM).....   | 41624.... | 1159.... | 2,1,1,1 |
| HB21.  | TENURE(2) BY POVERTY STATUS IN 1989(2)<br>BY YEAR STRUCTURE BUILT(3) (12)<br>Universe: Occupied housing units<br>Owner occupied:                          |           |          |         |
|        | Income in 1989 above poverty level:   |           |          |         |
|        | 1950 to March 1990.....   | 41696.... | 1231.... | 1,1,1   |
|        | 1940 to 1949.....   | 41705.... | 1240.... | 1,1,2   |
|        | 1939 or earlier.....  | 41714.... | 1249.... | 1,1,3   |
|        | Income in 1989 below poverty level:<br>(Repeat YEAR STRUCTURE BUILT)...   | 41723.... | 1258.... | 1,2,1   |
|        | Renter occupied:<br>(Repeat POVERTY STATUS IN 1989 By<br>YEAR STRUCTURE BUILT).....   | 41750.... | 1285.... | 2,1,1   |
| HB22.  | TENURE(2) BY POVERTY STATUS IN<br>1989(2) BY HOUSEHOLD TYPE AND RE-   |           |          |         |

LATIONSHIP AND PRESENCE OF CHILD-  
REN(7) (28)  
Universe: Occupied housing units  
Owner occupied:  
Income in 1989 above poverty level:  
Family households:  
Married-couple family:  
With own children under 18  
years..... 41804.... 1339.... 1,1,1  
No own children under 18  
years..... 41813.... 1348.... 1,1,2  
Other family:  
Male householder, no wife  
present:  
With own children under 18  
years..... 41822.... 1357.... 1,1,3  
No own children under 18  
years..... 41831.... 1366.... 1,1,4  
Female householder, no  
husband present:  
With own children under 18  
years..... 41840.... 1375.... 1,1,5  
No own children under 18  
years..... 41849.... 1384.... 1,1,6  
Nonfamily households..... 41858.... 1393.... 1,1,7  
Income in 1989 below poverty level:  
(Repeat HOUSEHOLD TYPE AND RELA-  
TIONSHIP AND PRESENCE OF CHILD-  
REN)..... 41867.... 1402.... 1,2,1  
Renter occupied:  
(Repeat POVERTY STATUS IN 1989 By  
HOUSEHOLD TYPE AND RELATIONSHIP  
AND PRESENCE OF CHILDREN)..... 41930.... 1465.... 2,1,1

HB23. TENURE(2) BY POVERTY STATUS IN 1989(2)  
BY VEHICLES AVAILABLE(2) (8)  
Universe: Occupied housing units  
Owner occupied:  
Income in 1989 above poverty level:  
None..... 42056.... 1591.... 1,1,1  
1 or more..... 42065.... 1600.... 1,1,2  
Income in 1989 below poverty level:  
(Repeat VEHICLES AVAILABLE)..... 42074.... 1609.... 1,2,1  
Renter occupied:  
(Repeat POVERTY STATUS IN 1989 By  
VEHICLES AVAILABLE)..... 42092.... 1627.... 2,1,1

HB24. TENURE(2) BY POVERTY STATUS IN 1989(2)  
BY TELEPHONE IN HOUSING UNIT(2) (8)  
Universe: Occupied housing units  
Owner occupied:

|       |  |           |          |       |
|-------|--|-----------|----------|-------|
|       | Income in 1989 above poverty level:    |           |          |       |
|       | With telephone.....                    | 42128.... | 1663.... | 1,1,1 |
|       | No telephone.....                      | 42137.... | 1672.... | 1,1,2 |
|       | Income in 1989 below poverty level:    |           |          |       |
|       | (Repeat TELEPHONE IN HOUSING           |           |          |       |
|       | UNIT).....                             | 42146.... | 1681.... | 1,2,1 |
|       | Renter occupied:                       |           |          |       |
|       | (Repeat POVERTY STATUS IN 1989 By      |           |          |       |
|       | TELEPHONE IN HOUSING UNIT).....        | 42164.... | 1699.... | 2,1,1 |
| HB25. | TENURE(2) BY POVERTY STATUS IN 1989(2) |           |          |       |
|       | BY AGE OF HOUSEHOLDER(4) (16)          |           |          |       |
|       | Universe: Occupied housing units       |           |          |       |
|       | Owner occupied:                        |           |          |       |
|       | Income in 1989 above poverty level:    |           |          |       |
|       | Householder 15 to 59 years.....        | 42200.... | 1735.... | 1,1,1 |
|       | Householder 60 to 64 years.....        | 42209.... | 1744.... | 1,1,2 |
|       | Householder 65 to 74 years.....        | 42218.... | 1753.... | 1,1,3 |
|       | Householder 75 years and over...       | 42227.... | 1762.... | 1,1,4 |
|       | Income in 1989 below poverty level:    |           |          |       |
|       | (Repeat AGE OF HOUSEHOLDER).....       | 42236.... | 1771.... | 1,2,1 |
|       | Renter occupied:                       |           |          |       |
|       | (Repeat POVERTY STATUS IN 1989 By      |           |          |       |
|       | AGE OF HOUSEHOLDER).....               | 42272.... | 1807.... | 2,1,1 |
| HB26. | TENURE(2) BY POVERTY STATUS IN         |           |          |       |
|       | 1989(2) BY PUBLIC ASSISTANCE INCOME    |           |          |       |
|       | IN 1989(2) (8)                         |           |          |       |
|       | Universe: Occupied housing units       |           |          |       |
|       | Owner occupied:                        |           |          |       |
|       | Income in 1989 above poverty level:    |           |          |       |
|       | With public assistance income...       | 42344.... | 1879.... | 1,1,1 |
|       | No public assistance income....        | 42353.... | 1888.... | 1,1,2 |
|       | Income in 1989 below poverty level:    |           |          |       |
|       | (Repeat PUBLIC ASSISTANCE INCOME       |           |          |       |
|       | IN 1989).....                          | 42362.... | 1897.... | 1,2,1 |
|       | Renter occupied:                       |           |          |       |
|       | (Repeat POVERTY STATUS IN 1989 By      |           |          |       |
|       | PUBLIC ASSISTANCE INCOME IN 1989)      | 42380.... | 1915.... | 2,1,1 |
| HB27. | TENURE(2) BY POVERTY STATUS IN         |           |          |       |
|       | 1989(2) BY SOCIAL SECURITY INCOME      |           |          |       |
|       | IN 1989(2) (8)                         |           |          |       |
|       | Universe: Occupied housing units       |           |          |       |
|       | Owner occupied:                        |           |          |       |
|       | Income in 1989 above poverty level:    |           |          |       |
|       | With Social Security income.....       | 42416.... | 1951.... | 1,1,1 |
|       | No Social Security income.....         | 42425.... | 1960.... | 1,1,2 |
|       | Income in 1989 below poverty level:    |           |          |       |
|       | (Repeat SOCIAL SECURITY INCOME         |           |          |       |
|       | IN 1989).....                          | 42434.... | 1969.... | 1,2,1 |

Renter occupied:  
 (Repeat POVERTY STATUS IN 1989 By  
 SOCIAL SECURITY INCOME IN 1989).. 42452.... 1987.... 2,1,1

HB28. TENURE(2) BY POVERTY STATUS IN  
 1989(2) BY WORK STATUS OF  
 HOUSEHOLDER IN 1989(2) (8)  
 Universe: Occupied housing units  
 Owner occupied:  
 Income in 1989 above poverty level:  
 Householder worked in 1989..... 42488.... 2023.... 1,1,1  
 Householder did not work in 1989 42497.... 2032.... 1,1,2  
 Income in 1989 below poverty level:  
 (Repeat WORK STATUS OF HOUSE-  
 HOLDER IN 1989)..... 42506.... 2041.... 1,2,1  
 Renter occupied:  
 (Repeat POVERTY STATUS IN 1989 By  
 WORK STATUS OF HOUSEHOLDER IN  
 1989)..... 42524.... 2059.... 2,1,1

HB29. AGE OF HOUSEHOLDER(7) (7)  
 Universe: Occupied housing units  
 Householder 15 to 24 years..... 42560.... 2096.... 1  
 Householder 25 to 34 years..... 42569.... 2104.... 2  
 Householder 35 to 44 years..... 42578.... 2113.... 3  
 Householder 45 to 54 years..... 42587.... 2122.... 4  
 Householder 55 to 64 years..... 42596.... 2131.... 5  
 Householder 65 to 74 years..... 42605.... 2140.... 6  
 Householder 75 years and over..... 42614.... 2149.... 7

HB30. TENURE(2) BY AGE OF HOUSEHOLDER(4)  
 BY UNITS IN STRUCTURE(6) (48)  
 Universe: Occupied housing units  
 Owner occupied:  
 Householder 15 to 59 years:  
 1, detached..... 42623.... 2158.... 1,1,1  
 1, attached..... 42632.... 2167.... 1,1,2  
 2..... 42641.... 2176.... 1,1,3  
 3 or 4..... 42650.... 2185.... 1,1,4  
 5 or more..... 42659.... 2194.... 1,1,5  
 Mobile home, trailer, or other.. 42668.... 2203.... 1,1,6  
 Householder 60 to 64 years:  
 (Repeat UNITS IN STRUCTURE)..... 42677.... 2212.... 1,2,1  
 Householder 65 to 74 years:  
 (Repeat UNITS IN STRUCTURE)..... 42731.... 2266.... 1,3,1  
 Householder 75 years and over:  
 (Repeat UNITS IN STRUCTURE)..... 42785.... 2320.... 1,4,1  
 Renter occupied:  
 (Repeat AGE OF HOUSEHOLDER By  
 UNITS IN STRUCTURE)..... 42839.... 2374.... 2,1,1

HB31. AGGREGATE PERSONS(1) BY TENURE(2) BY  
AGE OF HOUSEHOLDER(4) (8)  
Universe: Persons in occupied housing  
units  
Total:  
Owner occupied:  
Householder 15 to 59 years..... 43055.... 2590.... 1,1,1  
Householder 60 to 64 years..... 43064.... 2599.... 1,1,2  
Householder 65 to 74 years..... 43073.... 2608.... 1,1,3  
Householder 75 years and over... 43082.... 2617.... 1,1,4  
Renter occupied:  
(Repeat AGE OF HOUSEHOLDER)..... 43091.... 2626.... 1,2,1

HB32. AGGREGATE ROOMS(1) BY TENURE(2) BY  
AGE OF HOUSEHOLDER(4) (8)  
Universe: Occupied housing units  
Total:  
Owner occupied:  
Householder 15 to 59 years..... 43127.... 2662.... 1,1,1  
Householder 60 to 64 years..... 43136.... 2671.... 1,1,2  
Householder 65 to 74 years..... 43145.... 2680.... 1,1,3  
Householder 75 years and over... 43154.... 2689.... 1,1,4  
Renter occupied:  
(Repeat AGE OF HOUSEHOLDER)..... 43163.... 2698.... 1,2,1

HB33. AGE OF HOUSEHOLDER(4) (4)  
Universe: Specified owner-occupied  
housing units  
Householder 15 to 59 years..... 43199.... 2734.... 1  
Householder 60 to 64 years..... 43208.... 2743.... 2  
Householder 65 to 74 years..... 43217.... 2752.... 3  
Householder 75 years and over..... 43226.... 2761.... 4

HB34. AGGREGATE VALUE(1) BY AGE OF HOUSE-  
HOLDER(4) (4)  
Universe: Specified owner-occupied  
housing units  
Total:  
Householder 15 to 59 years..... 43235.... 2770.... 1,1  
Householder 60 to 64 years..... 43250.... 2785.... 1,2  
Householder 65 to 74 years..... 43265.... 2800.... 1,3  
Householder 75 years and over..... 43280.... 2815.... 1,4

HB35. AGE OF HOUSEHOLDER(4) BY MEALS  
INCLUDED IN RENT(3) (12)  
Universe: Specified renter-occupied  
housing units  
Householder 15 to 59 years:  
With cash rent:  
Meals included in rent..... 43295.... 2830.... 1,1  
No meals included in rent..... 43304.... 2839.... 1,2

|       |   |           |          |       |
|-------|---|-----------|----------|-------|
|       | No cash rent.....   | 43313.... | 2848.... | 1,3   |
|       | Householder 60 to 64 years:   |           |          |       |
|       | (Repeat MEALS INCLUDED IN RENT)...  | 43322.... | 2857.... | 2,1   |
|       | Householder 65 to 74 years:   |           |          |       |
|       | (Repeat MEALS INCLUDED IN RENT)...  | 43349.... | 2884.... | 3,1   |
|       | Householder 75 years and over:  |           |          |       |
|       | (Repeat MEALS INCLUDED IN RENT)...  | 43376.... | 2911.... | 4,1   |
| HB36. | AGGREGATE CONTRACT RENT(1) BY AGE OF<br>HOUSEHOLDER(4) BY MEALS INCLUDED IN<br>RENT(2) (8)    |           |          |       |
|       | Universe: Specified renter-occupied<br>housing units paying cash rent                         |           |          |       |
|       | Total:  |           |          |       |
|       | Householder 15 to 59 years:   |           |          |       |
|       | Meals included in rent.....   | 43403.... | 2938.... | 1,1,1 |
|       | No meals included in rent.....  | 43418.... | 2953.... | 1,1,2 |
|       | Householder 60 to 64 years:   |           |          |       |
|       | (Repeat MEALS INCLUDED IN RENT).  | 43433.... | 2968.... | 1,2,1 |
|       | Householder 65 to 74 years:   |           |          |       |
|       | (Repeat MEALS INCLUDED IN RENT).  | 43463.... | 2998.... | 1,3,1 |
|       | Householder 75 years and over:  |           |          |       |
|       | (Repeat MEALS INCLUDED IN RENT).  | 43493.... | 3028.... | 1,4,1 |
| HB37. | AGE OF HOUSEHOLDER(4) BY GROSS<br>RENT(2) (8)   |           |          |       |
|       | Universe: Specified renter-occupied<br>housing units  |           |          |       |
|       | Householder 15 to 59 years:   |           |          |       |
|       | With cash rent.....   | 43523.... | 3058.... | 1,1   |
|       | No cash rent.....   | 43532.... | 3067.... | 1,2   |
|       | Householder 60 to 64 years:   |           |          |       |
|       | (Repeat GROSS RENT).....  | 43541.... | 3076.... | 2,1   |
|       | Householder 65 to 74 years:   |           |          |       |
|       | (Repeat GROSS RENT).....  | 43559.... | 3094.... | 3,1   |
|       | Householder 75 years and over:  |           |          |       |
|       | (Repeat GROSS RENT).....  | 43577.... | 3112.... | 4,1   |
| HB38. | AGGREGATE GROSS RENT(1) BY AGE OF<br>HOUSEHOLDER(4) (4)                                       |           |          |       |
|       | Universe: Specified renter-occupied<br>housing units paying cash rent                         |           |          |       |
|       | Total:  |           |          |       |
|       | Householder 15 to 59 years.....   | 43595.... | 3130.... | 1,1   |
|       | Householder 60 to 64 years.....   | 43610.... | 3145.... | 1,2   |
|       | Householder 65 to 74 years.....   | 43625.... | 3160.... | 1,3   |
|       | Householder 75 years and over.....  | 43640.... | 3175.... | 1,4   |
| HB39. | AGE OF HOUSEHOLDER(4) BY GROSS RENT<br>AS A PERCENTAGE OF HOUSEHOLD INCOME<br>IN 1989(6) (24) |           |          |       |



Universe: Specified renter-occupied housing units

Householder 15 to 59 years:

|                           |           |          |     |
|---------------------------|-----------|----------|-----|
| Less than 20 percent..... | 43655.... | 3190.... | 1,1 |
| 20 to 24 percent.....     | 43664.... | 3199.... | 1,2 |
| 25 to 29 percent.....     | 43673.... | 3208.... | 1,3 |
| 30 to 34 percent.....     | 43682.... | 3217.... | 1,4 |
| 35 percent or more.....   | 43691.... | 3226.... | 1,5 |
| Not computed.....         | 43700.... | 3235.... | 1,6 |

Householder 60 to 64 years:  
(Repeat GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989).....

|  |           |          |     |
|--|-----------|----------|-----|
|  | 43709.... | 3244.... | 2,1 |
|--|-----------|----------|-----|

Householder 65 to 74 years:  
(Repeat GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989).....

|  |           |          |     |
|--|-----------|----------|-----|
|  | 43763.... | 3298.... | 3,1 |
|--|-----------|----------|-----|

Householder 75 years and over:  
(Repeat GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989).....

|  |           |          |     |
|--|-----------|----------|-----|
|  | 43817.... | 3352.... | 4,1 |
|--|-----------|----------|-----|

HB40. AGE OF HOUSEHOLDER(4) BY MORTGAGE STATUS(2) BY SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989(6) (48)

Universe: Specified owner-occupied housing units

Householder 15 to 59 years:

With a mortgage:

|                           |           |          |       |
|---------------------------|-----------|----------|-------|
| Less than 20 percent..... | 43871.... | 3406.... | 1,1,1 |
| 20 to 24 percent.....     | 43880.... | 3415.... | 1,1,2 |
| 25 to 29 percent.....     | 43889.... | 3424.... | 1,1,3 |
| 30 to 34 percent.....     | 43898.... | 3433.... | 1,1,4 |
| 35 percent or more.....   | 43907.... | 3442.... | 1,1,5 |
| Not computed.....         | 43916.... | 3451.... | 1,1,6 |

Not mortgaged:  
(Repeat SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989).....

|  |           |          |       |
|--|-----------|----------|-------|
|  | 43925.... | 3460.... | 1,2,1 |
|--|-----------|----------|-------|

Householder 60 to 64 years:  
(Repeat MORTGAGE STATUS By SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989).....

|  |           |          |       |
|--|-----------|----------|-------|
|  | 43979.... | 3514.... | 2,1,1 |
|--|-----------|----------|-------|

Householder 65 to 74 years:  
(Repeat MORTGAGE STATUS By SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989).....

|  |           |          |       |
|--|-----------|----------|-------|
|  | 44087.... | 3622.... | 3,1,1 |
|--|-----------|----------|-------|

Householder 75 years and over:  
(Repeat MORTGAGE STATUS By SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME

|       |   |           |          |       |
|-------|---|-----------|----------|-------|
|       | IN 1989).....   | 44195.... | 3730.... | 4,1,1 |
| HB41. | TENURE(2) BY AGE OF HOUSEHOLDER(4)<br>BY KITCHEN FACILITIES(2) (16)<br>Universe: Occupied housing units<br>Owner occupied:<br>Householder 15 to 59 years:<br>Complete kitchen Facilities.....             | 44303.... | 3838.... | 1,1,1 |
|       | Lacking complete kitchen<br>facilities.....   | 44312.... | 3847.... | 1,1,2 |
|       | Householder 60 to 64 years:<br>(Repeat KITCHEN FACILITIES).....   | 44321.... | 3856.... | 1,2,1 |
|       | Householder 65 to 74 years:<br>(Repeat KITCHEN FACILITIES).....   | 44339.... | 3874.... | 1,3,1 |
|       | Householder 75 years and over:<br>(Repeat KITCHEN FACILITIES).....  | 44357.... | 3892.... | 1,4,1 |
|       | Renter occupied:<br>(Repeat AGE OF HOUSEHOLDER By<br>KITCHEN FACILITIES).....   | 44375.... | 3910.... | 2,1,1 |
| HB42. | TENURE(2) BY PERSONS IN UNIT(2) BY AGE OF<br>HOUSEHOLDER(4) (16)<br>Universe: Occupied housing units<br>Owner occupied:<br>1 person:<br>Householder 15 to 59 years.....                                   | 44447.... | 3982.... | 1,1,1 |
|       | Householder 60 to 64 years.....   | 44456.... | 3991.... | 1,1,2 |
|       | Householder 65 to 74 years.....   | 44465.... | 4000.... | 1,1,3 |
|       | Householder 75 years and over...<br>2 or more persons:<br>(Repeat AGE OF HOUSEHOLDER).....  | 44474.... | 4009.... | 1,1,4 |
|       | 44483....   | 4018....  | 1,2,1    |       |
|       | Renter occupied:<br>(Repeat PERSONS IN UNIT By AGE OF<br>HOUSEHOLDER).....  | 44519.... | 4054.... | 2,1,1 |
| HB43. | TENURE(2) BY AGE OF HOUSEHOLDER(4)<br>BY HOUSEHOLD TYPE(5) (40)<br>Universe: Occupied housing units<br>Owner occupied:<br>Householder 15 to 59 years:<br>Family households:<br>Married-couple family..... | 44591.... | 4126.... | 1,1,1 |
|       | Other family:<br>Male householder, no wife<br>present.....  | 44600.... | 4135.... | 1,1,2 |
|       | Female householder, no<br>husband present.....  | 44609.... | 4144.... | 1,1,3 |
|       | Nonfamily households:<br>Male householder.....  | 44618.... | 4153.... | 1,1,4 |
|       | Female householder.....   | 44627.... | 4162.... | 1,1,5 |
|       | Householder 60 to 64 years:   |           |          |       |

|       |   |           |          |       |
|-------|---|-----------|----------|-------|
|       | (Repeat HOUSEHOLD TYPE).....  | 44636.... | 4171.... | 1,2,1 |
|       | Householder 65 to 74 years:   |           |          |       |
|       | (Repeat HOUSEHOLD TYPE).....  | 44681.... | 4216.... | 1,3,1 |
|       | Householder 75 years and over:  |           |          |       |
|       | (Repeat HOUSEHOLD TYPE).....  | 44726.... | 4261.... | 1,4,1 |
|       | Renter occupied:  |           |          |       |
|       | (Repeat AGE OF HOUSEHOLDER By<br>HOUSEHOLD TYPE).....                 | 44771.... | 4306.... | 2,1,1 |
| HB44. | TENURE(2) BY AGE OF HOUSEHOLDER(4)<br>BY YEAR STRUCTURE BUILT(3) (24) |           |          |       |
|       | Universe: Occupied housing units                                      |           |          |       |
|       | Owner occupied:   |           |          |       |
|       | Householder 15 to 59 years:   |           |          |       |
|       | 1950 to March 1990.....   | 44951.... | 4486.... | 1,1,1 |
|       | 1940 to 1949.....   | 44960.... | 4495.... | 1,1,2 |
|       | 1939 or earlier.....  | 44969.... | 4504.... | 1,1,3 |
|       | Householder 60 to 64 years:   |           |          |       |
|       | (Repeat YEAR STRUCTURE BUILT)...                                      | 44978.... | 4513.... | 1,2,1 |
|       | Householder 65 to 74 years:   |           |          |       |
|       | (Repeat YEAR STRUCTURE BUILT)...                                      | 45005.... | 4540.... | 1,3,1 |
|       | Householder 75 years and over:  |           |          |       |
|       | (Repeat YEAR STRUCTURE BUILT)...                                      | 45032.... | 4567.... | 1,4,1 |
|       | Renter occupied:  |           |          |       |
|       | (Repeat AGE OF HOUSEHOLDER By<br>YEAR STRUCTURE BUILT).....           | 45059.... | 4594.... | 2,1,1 |
| HB45. | TENURE(2) BY AGE OF HOUSEHOLDER(4)<br>BY PLUMBING FACILITIES(2) (16)  |           |          |       |
|       | Universe: Occupied housing units                                      |           |          |       |
|       | Owner occupied:   |           |          |       |
|       | Householder 15 to 59 years:   |           |          |       |
|       | Complete plumbing facilities....                                      | 45167.... | 4702.... | 1,1,1 |
|       | Lacking complete plumbing<br>facilities.....                          | 45176.... | 4711.... | 1,1,2 |
|       | Householder 60 to 64 years:   |           |          |       |
|       | (Repeat PLUMBING FACILITIES)....                                      | 45185.... | 4720.... | 1,2,1 |
|       | Householder 65 to 74 years:   |           |          |       |
|       | (Repeat PLUMBING FACILITIES)....                                      | 45203.... | 4738.... | 1,3,1 |
|       | Householder 75 years and over:  |           |          |       |
|       | (Repeat PLUMBING FACILITIES)....                                      | 45221.... | 4756.... | 1,4,1 |
|       | Renter occupied:  |           |          |       |
|       | (Repeat AGE OF HOUSEHOLDER By<br>PLUMBING FACILITIES).....            | 45239.... | 4774.... | 2,1,1 |
| HB46. | TENURE(2) BY AGE OF HOUSEHOLDER(4)<br>BY VEHICLES AVAILABLE(2) (16)   |           |          |       |
|       | Universe: Occupied housing units                                      |           |          |       |
|       | Owner occupied:   |           |          |       |
|       | Householder 15 to 59 years:   |           |          |       |
|       | None.....   | 45311.... | 4846.... | 1,1,1 |

|       |                                    |           |          |         |
|-------|------------------------------------|-----------|----------|---------|
|       | 1 or more.....                     | 45320.... | 4855.... | 1,1,2   |
|       | Householder 60 to 64 years:        |           |          |         |
|       | (Repeat VEHICLES AVAILABLE).....   | 46329.... | 4864.... | 1,2,1   |
|       | Householder 65 to 74 years:        |           |          |         |
|       | (Repeat VEHICLES AVAILABLE).....   | 45347.... | 4882.... | 1,3,1   |
|       | Householder 75 years and over:     |           |          |         |
|       | (Repeat VEHICLES AVAILABLE).....   | 45365.... | 4900.... | 1,4,1   |
|       | Renter occupied:                   |           |          |         |
|       | (Repeat AGE OF HOUSEHOLDER By      |           |          |         |
|       | VEHICLES AVAILABLE).....           | 45383.... | 4918.... | 2,1,1   |
| HB47. | TENURE(2) BY AGE OF HOUSEHOLDER(4) |           |          |         |
|       | BY PERSONS IN UNIT(2) BY TELEPHONE |           |          |         |
|       | IN HOUSING UNIT(2) (32)            |           |          |         |
|       | Universe: Occupied housing units   |           |          |         |
|       | Owner occupied:                    |           |          |         |
|       | Householder 15 to 59 years:        |           |          |         |
|       | 1 person:                          |           |          |         |
|       | With telephone.....                | 45455.... | 4990.... | 1,1,1,1 |
|       | No telephone.....                  | 45464.... | 4999.... | 1,1,1,2 |
|       | 2 or more persons:                 |           |          |         |
|       | (Repeat TELEPHONE IN HOUSING       |           |          |         |
|       | UNIT).....                         | 45473.... | 5008.... | 1,1,2,1 |
|       | Householder 60 to 64 years:        |           |          |         |
|       | (Repeat PERSONS IN UNIT By TELE-   |           |          |         |
|       | PHONE IN HOUSING UNIT).....        | 45491.... | 5026.... | 1,2,1,1 |
|       | Householder 65 to 74 years:        |           |          |         |
|       | (Repeat PERSONS IN UNIT By TELE-   |           |          |         |
|       | PHONE IN HOUSING UNIT).....        | 45527.... | 5062.... | 1,3,1,1 |
|       | Householder 75 years and over:     |           |          |         |
|       | (Repeat PERSONS IN UNIT By TELE-   |           |          |         |
|       | PHONE IN HOUSING UNIT).....        | 45563.... | 5098.... | 1,4,1,1 |
|       | Renter occupied:                   |           |          |         |
|       | (Repeat AGE OF HOUSEHOLDER By      |           |          |         |
|       | PERSONS IN UNIT By TELEPHONE IN    |           |          |         |
|       | HOUSING UNIT).....                 | 45599.... | 5134.... | 2,1,1,1 |
| HB48. | AGGREGATE INCOME DEFICIT(1) BY     |           |          |         |
|       | TENURE(2) (2)                      |           |          |         |
|       | Universe: Occupied housing units   |           |          |         |
|       | with householder with income in    |           |          |         |
|       | 1989 below the poverty level       |           |          |         |
|       | Total:                             |           |          |         |
|       | Owner occupied.....                | 45743.... | 5278.... | 1,1     |
|       | Renter occupied.....               | 45758.... | 5293.... | 1,2     |
| HB49. | PERSONS PER ROOM(7) (7)            |           |          |         |
|       | Universe: Occupied housing units   |           |          |         |
|       | 0.50 or less.....                  | 45773.... | 5308.... | 1       |
|       | 0.51 to 0.75.....                  | 45782.... | 5317.... | 2       |
|       | 0.76 to 1.00.....                  | 45791.... | 5326.... | 3       |

|                   |           |          |   |
|-------------------|-----------|----------|---|
| 1.01 to 1.25..... | 45800.... | 5335.... | 4 |
| 1.26 to 1.50..... | 45809.... | 5344.... | 5 |
| 1.51 to 2.00..... | 45818.... | 5353.... | 6 |
| 2.01 or more..... | 45827.... | 5362.... | 7 |

HB50. TENURE(2) BY PERSONS IN UNIT(7) BY UNITS IN STRUCTURE(10) (140)

Universe: Occupied housing units

Owner occupied:

1 person:

|                             |           |          |        |
|-----------------------------|-----------|----------|--------|
| 1, detached.....            | 45836.... | 5371.... | 1,1,1  |
| 1, attached.....            | 45845.... | 5380.... | 1,1,2  |
| 2.....                      | 45854.... | 5389.... | 1,1,3  |
| 3 or 4.....                 | 45863.... | 5398.... | 1,1,4  |
| 5 to 9.....                 | 45872.... | 5407.... | 1,1,5  |
| 10 to 19.....               | 45881.... | 5416.... | 1,1,6  |
| 20 to 49.....               | 45890.... | 5425.... | 1,1,7  |
| 50 or more.....             | 45899.... | 5434.... | 1,1,8  |
| Mobile home or trailer..... | 45908.... | 5443.... | 1,1,9  |
| Other.....                  | 45917.... | 5452.... | 1,1,10 |

2 persons:

|                                  |           |          |       |
|----------------------------------|-----------|----------|-------|
| (Repeat UNITS IN STRUCTURE)..... | 45926.... | 5461.... | 1,2,1 |
|----------------------------------|-----------|----------|-------|

3 persons:

|                                  |           |          |       |
|----------------------------------|-----------|----------|-------|
| (Repeat UNITS IN STRUCTURE)..... | 46016.... | 5551.... | 1,3,1 |
|----------------------------------|-----------|----------|-------|

4 persons:

|                                  |           |          |       |
|----------------------------------|-----------|----------|-------|
| (Repeat UNITS IN STRUCTURE)..... | 46106.... | 5641.... | 1,4,1 |
|----------------------------------|-----------|----------|-------|

5 persons:

|                                  |           |          |       |
|----------------------------------|-----------|----------|-------|
| (Repeat UNITS IN STRUCTURE)..... | 46196.... | 5731.... | 1,5,1 |
|----------------------------------|-----------|----------|-------|

6 persons:

|                                  |           |          |       |
|----------------------------------|-----------|----------|-------|
| (Repeat UNITS IN STRUCTURE)..... | 46286.... | 5821.... | 1,6,1 |
|----------------------------------|-----------|----------|-------|

7 or more persons:

|                                  |           |          |       |
|----------------------------------|-----------|----------|-------|
| (Repeat UNITS IN STRUCTURE)..... | 46376.... | 5911.... | 1,7,1 |
|----------------------------------|-----------|----------|-------|

Renter occupied:

|   |           |          |       |
|---|-----------|----------|-------|
| (Repeat PERSONS IN UNIT By UNITS IN STRUCTURE)..... | 46466.... | 6001.... | 2,1,1 |
|---|-----------|----------|-------|

HB51. VALUE(26) (26)

Universe: Specified owner-occupied housing units

|                           |           |          |    |
|---------------------------|-----------|----------|----|
| Less than \$10,000.....   | 47096.... | 6631.... | 1  |
| \$10,000 to \$14,999..... | 47105.... | 6640.... | 2  |
| \$15,000 to \$19,999..... | 47114.... | 6649.... | 3  |
| \$20,000 to \$24,999..... | 47123.... | 6658.... | 4  |
| \$25,000 to \$29,999..... | 47132.... | 6667.... | 5  |
| \$30,000 to \$34,999..... | 47141.... | 6676.... | 6  |
| \$35,000 to \$39,999..... | 47150.... | 6685.... | 7  |
| \$40,000 to \$44,999..... | 47159.... | 6694.... | 8  |
| \$45,000 to \$49,999..... | 47168.... | 6703.... | 9  |
| \$50,000 to \$54,999..... | 47177.... | 6712.... | 10 |
| \$55,000 to \$59,999..... | 47186.... | 6721.... | 11 |
| \$60,000 to \$64,999..... | 47195.... | 6730.... | 12 |

|        |  |  |  |  |
|--------|--|--|--|--|
|        | \$65,000 to \$69,999.....  | 47204....  | 6739....   | 13   |
|        | \$70,000 to \$74,999.....  | 47213....  | 6748....   | 14   |
|        | \$75,000 to \$79,999.....  | 47222....  | 6757....   | 15   |
|        | \$80,000 to \$89,999.....  | 47231....  | 6766....   | 16   |
|        | \$90,000 to \$99,999.....  | 47240....  | 6775....   | 17   |
|        | \$100,000 to \$124,999.....  | 47249....  | 6784....   | 18   |
|        | \$125,000 to \$149,999.....  | 47258....  | 6793....   | 19   |
|        | \$150,000 to \$174,999.....  | 47267....  | 6802....   | 20   |
|        | \$175,000 to \$199,999.....  | 47276....  | 6811....   | 21   |
|        | \$200,000 to \$249,999.....  | 47285....  | 6820....   | 22   |
|        | \$250,000 to \$299,999.....  | 47294....  | 6829....   | 23   |
|        | \$300,000 to \$399,999.....  | 47303....  | 6838....   | 24   |
|        | \$400,000 to \$499,999.....  | 47312....  | 6847....   | 25   |
|        | \$500,000 or more.....   | 47321....  | 6856....   | 26   |
| HB51A. | MEDIAN VALUE(1) (1)<br>Universe: Specified owner-occupied<br>housing units<br>Median value.....  | 47330....  | 6865....   | 1  |
| HB52.  | AGGREGATE VALUE(1) (1)<br>Universe: Specified owner-occupied<br>housing units<br>Total.....  | 47339....  | 6874....   | 1  |
| HB53.  | TENURE(2) BY HOUSEHOLD INCOME IN<br>1989(13) BY PERSONS IN UNIT(7) (182)<br>Universe: Occupied housing units<br>Owner occupied:<br>Less than \$5,000:<br>1 person.....<br>2 persons.....<br>3 persons.....<br>4 persons.....<br>5 persons.....<br>6 persons.....<br>7 or more persons.....<br>\$5,000 to \$9,999:<br>(Repeat PERSONS IN UNIT).....<br>\$10,000 to \$14,999:<br>(Repeat PERSONS IN UNIT).....<br>\$15,000 to \$19,999:<br>(Repeat PERSONS IN UNIT).....<br>\$20,000 to \$24,999:<br>(Repeat PERSONS IN UNIT).....<br>\$25,000 to \$29,999:<br>(Repeat PERSONS IN UNIT).....<br>\$30,000 to \$34,999:<br>(Repeat PERSONS IN UNIT).....<br>\$35,000 to \$39,999:<br>(Repeat PERSONS IN UNIT)..... | 47364....<br>47363....<br>47372....<br>47381....<br>47390....<br>47399....<br>47408....<br>47417....<br>47480....<br>47543....<br>47606....<br>47669....<br>47732....<br>47795.... | 6889....<br>6898....<br>6907....<br>6916....<br>6925....<br>6934....<br>6943....<br>6952....<br>7015....<br>7078....<br>7141....<br>7204....<br>7267....<br>7330.... | 1,1,1<br>1,1,2<br>1,1,3<br>1,1,4<br>1,1,5<br>1,1,6<br>1,1,7<br>1,2,1<br>1,3,1<br>1,4,1<br>1,5,1<br>1,6,1<br>1,7,1<br>1,8,1 |

|                                  |           |          |        |
|----------------------------------|-----------|----------|--------|
| \$40,000 to \$49,999:            |           |          |        |
| (Repeat PERSONS IN UNIT).....    | 47858.... | 7393.... | 1,9,1  |
| \$50,000 to \$59,999:            |           |          |        |
| (Repeat PERSONS IN UNIT).....    | 47921.... | 7456.... | 1,10,1 |
| \$60,000 to \$74,999:            |           |          |        |
| (Repeat PERSONS IN UNIT).....    | 47984.... | 7519.... | 1,11,1 |
| \$75,000 to \$99,999:            |           |          |        |
| (Repeat PERSONS IN UNIT).....    | 48047.... | 7582.... | 1,12,1 |
| \$100,000 or more:               |           |          |        |
| (Repeat PERSONS IN UNIT).....    | 48110.... | 7645.... | 1,13,1 |
| Renter occupied:                 |           |          |        |
| (Repeat HOUSEHOLD INCOME IN 1989 |           |          |        |
| By PERSONS IN UNIT).....         | 48173.... | 7708.... | 2,1,1  |
| Filler.....                      | 48551.... | 8086     |        |
| End of Segment                   |           |          |        |
| Renter occupied:                 |           |          |        |
| (Repeat HOUSEHOLD INCOME IN 1989 |           |          |        |
| By PERSONS IN UNIT)-Con.....     | 48859.... | 301....  | 2,7,1  |

HB54. HOUSEHOLD INCOME IN 1989(13) BY  
 VALUE(20) (260)  
 Universe: Specified owner-occupied  
 housing units

|                             |           |          |      |
|-----------------------------|-----------|----------|------|
| Less than \$5,000:          |           |          |      |
| Less than \$15,000.....     | 49300.... | 742....  | 1,1  |
| \$15,000 to \$19,999.....   | 49309.... | 751....  | 1,2  |
| \$20,000 to \$24,999.....   | 49318.... | 760....  | 1,3  |
| \$25,000 to \$29,999.....   | 49327.... | 769....  | 1,4  |
| \$30,000 to \$34,999.....   | 49336.... | 778....  | 1,5  |
| \$35,000 to \$39,999.....   | 4934Z.... | 787....  | 1,6  |
| \$40,000 to \$44,999.....   | 49354.... | 796....  | 1,7  |
| \$45,000 to \$49,999.....   | 49363.... | 805....  | 1,8  |
| \$50,000 to \$59,999.....   | 49372.... | 814....  | 1,9  |
| \$60,000 to \$74,999.....   | 49381.... | 823....  | 1,10 |
| \$75,000 to \$99,999.....   | 49390.... | 832....  | 1,11 |
| \$100,000 to \$124,999..... | 49399.... | 841....  | 1,12 |
| \$125,000 to \$149,999..... | 49408.... | 850....  | 1,13 |
| \$150,000 to \$174,999..... | 49417.... | 859....  | 1,14 |
| \$175,000 to \$199,999..... | 49426.... | 868....  | 1,15 |
| \$200,000 to \$249,999..... | 49435.... | 877....  | 1,16 |
| \$250,000 to \$299,999..... | 49444.... | 886....  | 1,17 |
| \$300,000 to \$399,999..... | 49453.... | 895....  | 1,18 |
| \$400,000 to \$499,999..... | 49462.... | 904....  | 1,19 |
| \$500,000 or more.....      | 49471.... | 913....  | 1,20 |
| \$5,000 to \$9,999:         |           |          |      |
| (Repeat VALUE).....         | 49480.... | 922....  | 2,1  |
| \$10,000 to \$14,999:       |           |          |      |
| (Repeat VALUE).....         | 49660.... | 1102.... | 3,1  |
| \$15,000 to \$19,999:       |           |          |      |

|                       |           |          |      |
|-----------------------|-----------|----------|------|
| (Repeat VALUE).....   | 49840.... | 1282.... | 4,1  |
| \$20,000 to \$24,999: |           |          |      |
| (Repeat VALUE).....   | 50020.... | 1462.... | 5,1  |
| \$25,000 to \$29,999: |           |          |      |
| (Repeat VALUE).....   | 50200.... | 1642.... | 6,1  |
| \$30,000 to \$34,999: |           |          |      |
| (Repeat VALUE).....   | 50380.... | 1822.... | 7,1  |
| \$35,000 to \$39,999: |           |          |      |
| (Repeat VALUE).....   | 50560.... | 2002.... | 8,1  |
| \$40,000 to \$49,999: |           |          |      |
| (Repeat VALUE).....   | 50740.... | 2182.... | 9,1  |
| \$50,000 to \$59,999: |           |          |      |
| (Repeat VALUE).....   | 50920.... | 2362.... | 10,1 |
| \$60,000 to \$74,999: |           |          |      |
| (Repeat VALUE).....   | 51100.... | 2542.... | 11,1 |
| \$75,000 to \$99,999: |           |          |      |
| (Repeat VALUE).....   | 51280.... | 2722.... | 12,1 |
| \$100,000 or more:    |           |          |      |
| (Repeat VALUE).....   | 51460.... | 2902.... | 13,1 |

HB55. HOUSEHOLD INCOME IN 1989(13) BY  
GROSS RENT(17) (221)  
Universe: Specified renter-occupied  
housing units

|                          |           |          |      |
|--------------------------|-----------|----------|------|
| Less than \$5,000:       |           |          |      |
| With cash rent:          |           |          |      |
| Less than \$100.....     | 51640.... | 3082.... | 1,1  |
| \$100 to \$149.....      | 51649.... | 3091.... | 1,2  |
| \$150 to \$199.....      | 51658.... | 3100.... | 1,3  |
| \$200 to \$249.....      | 51667.... | 3109.... | 1,4  |
| \$250 to \$299.....      | 51676.... | 3118.... | 1,5  |
| \$300 to \$349.....      | 51685.... | 3127.... | 1,6  |
| \$350 to \$399.....      | 51694.... | 3136.... | 1,7  |
| \$400 to \$449.....      | 51703.... | 3145.... | 1,8  |
| \$450 to \$499.....      | 51712.... | 3164.... | 1,9  |
| \$500 to \$549.....      | 51721.... | 3163.... | 1,10 |
| \$550 to \$599.....      | 51730.... | 3172.... | 1,11 |
| \$600 to \$649.....      | 51739.... | 3181.... | 1,12 |
| \$650 to \$699.....      | 51748.... | 3190.... | 1,13 |
| \$700 to \$749.....      | 51757.... | 3199.... | 1,14 |
| \$750 to \$999.....      | 51766.... | 3208.... | 1,15 |
| \$1,000 or more.....     | 51775.... | 3217.... | 1,16 |
| No cash rent.....        | 51784.... | 3226.... | 1,17 |
| \$5,000 to \$9,999:      |           |          |      |
| (Repeat GROSS RENT)..... | 51793.... | 3235.... | 2,1  |
| \$10,000 to \$14,999:    |           |          |      |
| (Repeat GROSS RENT)..... | 51946.... | 3388.... | 3,1  |
| \$15,000 to \$19,999:    |           |          |      |
| (Repeat GROSS RENT)..... | 52099.... | 3541.... | 4,1  |
| \$20,000 to \$24,999:    |           |          |      |
| (Repeat GROSS RENT)..... | 52252.... | 3694.... | 5,1  |



|                          |           |          |      |
|--------------------------|-----------|----------|------|
| \$25,000 to \$29,999:    |           |          |      |
| (Repeat GROSS RENT)..... | 52405.... | 3847.... | 6,1  |
| \$30,000 to \$34,999:    |           |          |      |
| (Repeat GROSS RENT)..... | 52558.... | 4000.... | 7,1  |
| \$35,000 to \$39,999:    |           |          |      |
| (Repeat GROSS RENT)..... | 52711.... | 4153.... | 8,1  |
| \$40,000 to \$49,999:    |           |          |      |
| (Repeat GROSS RENT)..... | 52864.... | 4306.... | 9,1  |
| \$50,000 to \$59,999:    |           |          |      |
| (Repeat GROSS RENT)..... | 53017.... | 4459.... | 10,1 |
| \$60,000 to \$74,999:    |           |          |      |
| (Repeat GROSS RENT)..... | 53170.... | 4612.... | 11,1 |
| \$75,000 to \$99,999:    |           |          |      |
| (Repeat GROSS RENT)..... | 53323.... | 4765.... | 12,1 |
| \$100,000 or more:       |           |          |      |
| (Repeat GROSS RENT)..... | 53476.... | 4918.... | 13,1 |

HB56. AGE OF HOUSEHOLDER(2) BY RATIO OF INCOME IN 1989 TO POVERTY LEVEL(3) BY SELECTED CHARACTERISTICS(2) BY GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989(4) BY PERSONS IN UNIT(3) (144)

Universe: Specified renter-occupied housing units

Householder 15 to 61 years:

Under 1.00:

With selected characteristics:

30 percent or less:

|                        |           |                 |
|------------------------|-----------|-----------------|
| 1 or 2 persons.....    | 53629.... | 5071..1,1,1,1,1 |
| 3 or 4 persons.....    | 53638.... | 5080..1,1,1,1,2 |
| 5 or more persons..... | 53647.... | 5089..1,1,1,1,3 |

31 to 50 percent:

|                              |           |                 |
|------------------------------|-----------|-----------------|
| (Repeat PERSONS IN UNIT).... | 53656.... | 5098..1,1,1,2,1 |
|------------------------------|-----------|-----------------|

51 percent or more:

|                              |           |                 |
|------------------------------|-----------|-----------------|
| (Repeat PERSONS IN UNIT).... | 53683.... | 5125..1,1,1,3,1 |
|------------------------------|-----------|-----------------|

Not computed:

|                              |           |                 |
|------------------------------|-----------|-----------------|
| (Repeat PERSONS IN UNIT).... | 53710.... | 5152..1,1,1,4,1 |
|------------------------------|-----------|-----------------|

No selected characteristics:

|  |           |                 |
|--|-----------|-----------------|
| (Repeat GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989 By PERSONS IN UNIT).. | 53737.... | 5179..1,1,2,1,1 |
|--|-----------|-----------------|

1.00 to 1.49:

|   |           |                 |
|---|-----------|-----------------|
| (Repeat SELECTED CHARACTERISTICS By GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989 By PERSONS IN UNIT)..... | 53845.... | 5287..1,2,1,1,1 |
|---|-----------|-----------------|

1.50 and over

(Repeat SELECTED CHARACTERISTICS By GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989 By

|  |           |                 |
|--|-----------|-----------------|
| PERSONS IN UNIT).....  | 54061.... | 5503..1,3,1,1,1 |
| Householder 62 years and over<br>(Repeat RATIO OF INCOME IN 1989 TO<br>POVERTY LEVEL By SELECTED CHAR-<br>ACTERISTICS By GROSS RENT AS A<br>PERCENTAGE OF HOUSEHOLD INCOME IN<br>1989 By PERSONS IN UNIT).....   | 54277.... | 5719..2,1,1,1,1 |
| HB57. AGE OF HOUSEHOLDER(2) BY RATIO OF<br>INCOME IN 1989 TO POVERTY LEVEL(3)<br>BY SELECTED CHARACTERISTICS(2) BY<br>SELECTED MONTHLY OWNER COSTS AS A<br>PERCENTAGE OF INCOME IN 1989(4) BY<br>PERSONS IN UNIT(3) (144)<br>Universe: Specified owner-occupied<br>housing units<br>Householder 15 to 61 years:<br>Under 1.00:<br>With selected characteristics:<br>30 percent or less:<br>1 or 2 persons..... | 54925.... | 6367..1,1,1,1,1 |
| 3 or 4 persons.....  | 54934.... | 6376..1,1,1,1,2 |
| 5 or more persons.....   | 54943.... | 6385..1,1,1,1,3 |
| 31 to 50 percent:<br>(Repeat PERSONS IN UNIT)....  | 54952.... | 6394..1,1,1,2,1 |
| 51 percent or more:<br>(Repeat PERSONS IN UNIT)....  | 54979.... | 6421..1,1,1,3,1 |
| Not computed:<br>(Repeat PERSONS IN UNIT)....  | 55006.... | 6448..1,1,1,4,1 |
| No selected characteristics:<br>(Repeat SELECTED MONTHLY OWNER<br>COSTS AS A PERCENTAGE OF<br>HOUSEHOLD INCOME IN 1989 By<br>PERSONS IN UNIT).....   | 55033.... | 6475..1,1,2,1,1 |
| 1.00 to 1.49:<br>(Repeat SELECTED CHARACTERISTICS<br>By SELECTED MONTHLY OWNER COSTS<br>AS A PERCENTAGE OF HOUSEHOLD<br>INCOME IN 1989 By PERSONS IN<br>UNIT).....   | 55141.... | 6583..1,2,1,1,1 |
| 1.50 and over:<br>(Repeat SELECTED CHARACTERISTICS<br>By SELECTED MONTHLY OWNER COSTS<br>AS A PERCENTAGE OF HOUSEHOLD<br>INCOME IN 1989 By PERSONS IN<br>UNIT).....  | 55357.... | 6799..1,3,1,1,1 |
| Householder 62 years and over:<br>(Repeat RATIO OF INCOME IN 1989 TO<br>POVERTY LEVEL By SELECTED CHAR-<br>ACTERISTICS By SELECTED MONTHLY<br>OWNER COSTS AS A PERCENTAGE OF   |           |                 |

HOUSEHOLD INCOME IN 1989 By  
 PERSONS IN UNIT)..... 55573.... 7015..2,1,1,1,1

HB58. TENURE(2) BY PLUMBING FACILITIES(2)  
 BY KITCHEN FACILITIES(2) BY PERSONS  
 PER ROOM(2) BY YEAR STRUCTURE  
 BUILT(3) BY POVERTY STATUS IN  
 1989(2) (96)

Universe: Occupied housing units  
 Owner occupied:

Complete plumbing facilities:

Complete kitchen facilities:

1.00 or less:

1950 to March 1990:

Income in 1989 above  
 poverty level..... 56221.... 7663..1,1,1,1,1,1

Income in 1989 below  
 poverty level..... 56230.... 7672..1,1,1,1,1,2

1940 to 1949:

(Repeat POVERTY STATUS IN  
 1989)..... 56239.... 7681..1,1,1,1,2,1

1939 or earlier:

(Repeat POVERTY STATUS IN  
 1989)..... 56257.... 7699..1,1,1,1,3,1

1.01 or more:

(Repeat YEAR STRUCTURE BUILT  
 By POVERTY STATUS IN 1989). 56275.... 7717..1,1,1,2,1,1

Lacking complete kitchen  
 facilities:

(Repeat PERSONS PER ROOM By  
 YEAR STRUCTURE BUILT By  
 POVERTY STATUS IN 1989)..... 56329.... 7771..1,1,2,1,1,1

Lacking complete plumbing  
 facilities:

(Repeat KITCHEN FACILITIES By  
 PERSONS PER ROOM By YEAR  
 STRUCTURE BUILT By POVERTY  
 STATUS IN 1989)56437..... 56437.... 7879..1,2,1,1,1,1

Filler..... 56644.... 8086

End of Segment

Lacking complete plumbing  
 facilities:

(Repeat KITCHEN FACILITIES By  
 PERSONS PER ROOM By YEAR  
 STRUCTURE BUILT By POVERTY  
 STATUS IN 1989)-Con..... 56952.... 301..1,2,2,2,3,2

Renter occupied:

(Repeat PLUMBING FACILITIES By  
 KITCHEN FACILITIES By PERSONS PER

ROOM By YEAR STRUCTURE BUILT By  
 POVERTY STATUS IN 1989)..... 56961.... 310..2,1,1,1,1,1

HB59. SELECTED CONDITIONS(2) BY AGE OF  
 HOUSEHOLDER(3) BY PERSONS IN UNIT(5)  
 BY HOUSEHOLD INCOME IN 1989(13) (390)

Universe: Owner-occupied housing  
 units

With selected conditions:

Householder 15 to 61 years:

1 person:

|                           |           |                |
|---------------------------|-----------|----------------|
| Less than \$5,000.....    | 57393.... | 742... 1,1,1,1 |
| \$5,000 to \$9,999.....   | 57402.... | 751... 1,1,1,2 |
| \$10,000 to \$14,999..... | 57411.... | 760... 1,1,1,3 |
| \$15,000 to \$19,999..... | 57420.... | 769... 1,1,1,4 |
| \$20,000 to \$24,999..... | 57429.... | 778... 1,1,1,5 |
| \$25,000 to \$29,999..... | 57438.... | 787... 1,1,1,6 |
| \$30,000 to \$34,999..... | 57447.... | 796... 1,1,1,7 |
| \$35,000 to \$39,999..... | 57456.... | 805... 1,1,1,8 |
| \$40,000 to \$49,999..... | 57465.... | 814... 1,1,1,9 |
| \$50,000 to \$59,999..... | 57474.... | 823...1,1,1,10 |
| \$60,000 to \$74,999..... | 57483.... | 832...1,1,1,11 |
| \$75,000 to \$99,999..... | 57492.... | 841...1,1,1,12 |
| \$100,000 or more.....    | 57501.... | 850...1,1,1,13 |

2 persons:

(Repeat HOUSEHOLD INCOME IN  
 1989)..... 57510.... 859... 1,1,2,1

3 persons:

(Repeat HOUSEHOLD INCOME IN  
 1989)..... 57627.... 976... 1,1,3,1

4 persons:

(Repeat HOUSEHOLD INCOME IN  
 1989)..... 57744.... 1093... 1,1,4,1

5 or more persons:

(Repeat HOUSEHOLD INCOME IN  
 1989)..... 57861.... 1210... 1,1,5,1

Householder 62 to 74 years:

(Repeat PERSONS IN UNIT By  
 HOUSEHOLD INCOME IN 1989)..... 57978.... 1327... 1,2,1,1

Householder 75 years and over

(Repeat PERSONS IN UNIT By  
 HOUSEHOLD INCOME IN 1989)..... 58563.... 1912... 1,3,1,1

No selected conditions:

(Repeat AGE OF HOUSEHOLDER By  
 PERSONS IN UNIT By HOUSEHOLD  
 INCOME IN 1989)..... 59148.... 2497... 2,1,1,1

HB60. SELECTED CONDITIONS(2) BY AGE OF  
 HOUSEHOLDER(3) BY PERSONS IN  
 UNIT(5) BY HOUSEHOLD INCOME IN  
 1989(13) (390)

Universe: Renter-occupied housing units

With selected conditions:

Householder 15 to 61 years:

1 person:

|                           |           |         |          |
|---------------------------|-----------|---------|----------|
| Less than \$5,000.....    | 60903.... | 4252... | 1,1,1,1  |
| \$5,000 to \$9,999.....   | 60912.... | 4261... | 1,1,1,2  |
| \$10,000 to \$14,999..... | 60921.... | 4270... | 1,1,1,3  |
| \$15,000 to \$19,999..... | 60930.... | 4279... | 1,1,1,4  |
| \$20,000 to \$24,999..... | 60939.... | 4288... | 1,1,1,5  |
| \$25,000 to \$29,999..... | 60948.... | 4297... | 1,1,1,6  |
| \$30,000 to \$34,999..... | 60957.... | 4306... | 1,1,1,7  |
| \$35,000 to \$39,999..... | 60966.... | 4315... | 1,1,1,8  |
| \$40,000 to \$49,999..... | 60975.... | 4324... | 1,1,1,9  |
| \$50,000 to \$59,999..... | 60984.... | 4333... | 1,1,1,10 |
| \$60,000 to \$74,999..... | 60993.... | 4342... | 1,1,1,11 |
| \$75,000 to \$99,999..... | 61002.... | 4351... | 1,1,1,12 |
| \$100,000 or more.....    | 61011.... | 4360... | 1,1,1,13 |

2 persons:

|  |           |         |         |
|--|-----------|---------|---------|
| (Repeat HOUSEHOLD INCOME IN 1989)..... | 61020.... | 4369... | 1,1,2,1 |
|--|-----------|---------|---------|

3 persons:

|  |           |         |         |
|--|-----------|---------|---------|
| (Repeat HOUSEHOLD INCOME IN 1989)..... | 61137.... | 4486... | 1,1,3,1 |
|--|-----------|---------|---------|

4 persons:

|  |           |         |         |
|--|-----------|---------|---------|
| (Repeat HOUSEHOLD INCOME IN 1989)..... | 61254.... | 4603... | 1,1,4,1 |
|--|-----------|---------|---------|

5 or more persons:

|  |           |         |         |
|--|-----------|---------|---------|
| (Repeat HOUSEHOLD INCOME IN 1989)..... | 61371.... | 4720... | 1,1,5,1 |
|--|-----------|---------|---------|

Householder 62 to 74 years:

|   |           |         |         |
|---|-----------|---------|---------|
| (Repeat PERSONS IN UNIT By HOUSEHOLD INCOME IN 1989)..... | 61488.... | 4837... | 1,2,1,1 |
|---|-----------|---------|---------|

Householder 75 years and over

|   |           |         |         |
|---|-----------|---------|---------|
| (Repeat PERSONS IN UNIT By HOUSEHOLD INCOME IN 1989)..... | 62073.... | 5422... | 1,3,1,1 |
|---|-----------|---------|---------|

No selected conditions:

|   |           |         |         |
|---|-----------|---------|---------|
| (Repeat AGE OF HOUSEHOLDER By PERSONS IN UNIT By HOUSEHOLD INCOME IN 1989)..... | 62658.... | 6007... | 2,1,1,1 |
|---|-----------|---------|---------|

HB61. IMPUTATION OF TENURE(2) (2)

Universe: Occupied housing units

|                    |           |          |   |
|--------------------|-----------|----------|---|
| Allocated.....     | 64413.... | 7762.... | 1 |
| Not allocated..... | 64422.... | 7771.... | 2 |

HB62. IMPUTATION OF YEAR HOUSEHOLDER MOVED INTO UNIT(2) (2)

Universe: Occupied housing units

|                    |           |          |   |
|--------------------|-----------|----------|---|
| Allocated.....     | 64431.... | 7780.... | 1 |
| Not allocated..... | 64440.... | 7789.... | 2 |

|       |   |            |           |   |
|-------|---|------------|-----------|---|
| HB63. | IMPUTATION OF BEDROOMS(2) (2)                       |            |           |   |
|       | Universe: Occupied housing units                    |            |           |   |
|       | Allocated.....                                      | 64449..... | 7798..... | 1 |
|       | Not allocated.....                                  | 64458..... | 7807..... | 2 |
| HB64. | IMPUTATION OF PLUMBING FACILITIES(2) (2)            |            |           |   |
|       | Universe: Occupied housing units                    |            |           |   |
|       | Allocated.....                                      | 64467..... | 7816..... | 1 |
|       | Not allocated.....                                  | 64476..... | 7825..... | 2 |
| HB65. | IMPUTATION OF KITCHEN FACILITIES(2) (2)             |            |           |   |
|       | Universe: Occupied housing units                    |            |           |   |
|       | Allocated.....                                      | 64485..... | 7834..... | 1 |
|       | Not allocated.....                                  | 64494..... | 7843..... | 2 |
| HB66. | IMPUTATION OF TELEPHONE IN HOUSING<br>UNIT(2) (2)   |            |           |   |
|       | Universe: Occupied housing units                    |            |           |   |
|       | Allocated.....                                      | 64503..... | 7852..... | 1 |
|       | Not allocated.....                                  | 64512..... | 7861..... | 2 |
| HB67. | IMPUTATION OF VEHICLES AVAILABLE(2) (2)             |            |           |   |
|       | Universe: Occupied housing units                    |            |           |   |
|       | Allocated.....                                      | 64521..... | 7870..... | 1 |
|       | Not allocated.....                                  | 64530..... | 7879..... | 2 |
| HB68. | IMPUTATION OF HOUSE HEATING FUEL(2) (2)             |            |           |   |
|       | Universe: Occupied housing units                    |            |           |   |
|       | Allocated.....                                      | 64539..... | 7888..... | 1 |
|       | Not allocated.....                                  | 64548..... | 7897..... | 2 |
| HB69. | IMPUTATION OF SOURCE OF WATER(2) (2)                |            |           |   |
|       | Universe: Occupied housing units                    |            |           |   |
|       | Allocated.....                                      | 64557..... | 7906..... | 1 |
|       | Not allocated.....                                  | 64566..... | 7915..... | 2 |
| HB70. | IMPUTATION OF SEWAGE DISPOSAL(2) 12)                |            |           |   |
|       | Universe: Occupied housing units                    |            |           |   |
|       | Allocated.....                                      | 64575..... | 7924..... | 1 |
|       | Not allocated.....                                  | 64584..... | 7933..... | 2 |
| HB71. | IMPUTATION OF YEAR STRUCTURE BUILT(2) (2)           |            |           |   |
|       | Universe: Occupied housing units                    |            |           |   |
|       | Allocated.....                                      | 64593..... | 7942..... | 1 |
|       | Not allocated.....                                  | 64602..... | 7951..... | 2 |
| HB72. | IMPUTATION OF MORTGAGE STATUS(2) (2)                |            |           |   |
|       | Universe: Specified owner-occupied<br>housing units |            |           |   |
|       | Allocated.....                                      | 64611..... | 7960..... | 1 |
|       | Not allocated.....                                  | 64620..... | 7969..... | 2 |

|       |  |           |          |   |
|-------|--|-----------|----------|---|
| HB73. | IMPUTATION OF MORTGAGE STATUS AND<br>SELECTED MONTHLY OWNER COSTS(4) (4) |           |          |   |
|       | Universe: Specified owner-occupied<br>housing units                      |           |          |   |
|       | With a mortgage:   |           |          |   |
|       | Allocated.....   | 64629.... | 7978.... | 1 |
|       | Not allocated.....   | 64638.... | 7987.... | 2 |
|       | Not mortgaged:   |           |          |   |
|       | Allocated.....   | 64647.... | 7996.... | 3 |
|       | Not allocated.....   | 64656.... | 8005.... | 4 |
| HB74. | IMPUTATION OF GROSS RENT(2) (2)  |           |          |   |
|       | Universe: Specified renter-occupied<br>housing units                     |           |          |   |
|       | Allocated.....   | 64665.... | 8014.... | 1 |
|       | Not allocated.....   | 64674.... | 8023.... | 2 |
|       | Filler.....  | 64683.... | 8032     |   |
|       | End of Record  |           |          |   |





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 Virgin Islands (See Outlying Areas of the United States, See State)  
 Voting District (VTD)..... 601  
 Water Area (See Area Measurement)  
 ZIP Code..... 602

These definitions are for all geographic entities and concepts that the Census Bureau will include in its standard 1990 census data products. Not all entities and concepts are shown in any one 1990 census data product. For a description of geographic areas included in each data product, see appendix F.

AMERICAN INDIAN AND ALASKA NATIVE AREA

ALASKA NATIVE REGIONAL CORPORATION (ANRC)

Alaska Native Regional Corporations (ANRC's) are corporate entities established under the Alaska Native Claims Settlement Act of 1972, Public Law 92-203, as amended by Public Law 94-204, to conduct both business and nonprofit affairs of Alaska Natives. Alaska is divided into 12 ANRC's that cover the entire State, except for the Annette Islands Reserve. The boundaries of the 12 ANRC's were established by the Department of the Interior, in cooperation with Alaska Natives. Each ANRC was designed to include, as far as practicable, Alaska Natives with a common heritage and common interests. The ANRC boundaries for the 1990 census were identified by the Bureau of Land Management. A 13th region was established for Alaska Natives who are not permanent residents and who chose not to enroll in one of the 12 ANRC'S; no census products are prepared for the 13th region. ANRC's were first identified for the 1980 census.

Each ANRC is assigned a two-digit census code ranging from 07 through 84. These census codes are assigned in alphabetical order of the ANRC's.

ALASKA NATIVE VILLAGE (ANV) STATISTICAL AREA

Alaska Native villages (ANV's) constitute tribes, bands, clans, groups, villages, communities, or associations in Alaska that are recognized pursuant to the Alaska Native Claims Settlement Act of

1972, Public Law 92-203. Because ANV's do not have legally designated boundaries, the Census Bureau has established Alaska Native village statistical areas (ANVSA's) for statistical purposes. For the 1990 census, the Census Bureau cooperated with officials of the nonprofit corporation within each participating Alaska Native Regional Corporation (ANRC), as well as other knowledgeable officials, to delineate boundaries that encompass the settled area associated with each ANV. ANVSA's are located within ANRC's and do not cross ANRC boundaries. ANVSA's for the 1990 census replace the ANV's that the Census Bureau recognized for the 1980 census.

Each ANVSA is assigned a four-digit census code ranging from 6001 through 8989. Each ANVSA also is assigned a five-digit FIPS code. Both the census and FIPS codes are assigned in alphabetical order of ANVSA'S.

#### AMERICAN INDIAN RESERVATION AND TRUST LAND

AMERICAN INDIAN RESERVATION-Federal American Indian reservations are areas with boundaries established by treaty, statute, and/or executive or court order, and recognized by the Federal Government as territory in which American Indian tribes have jurisdiction. State reservations are lands held in trust by State governments for the use and benefit of a given tribe. The reservations and their boundaries were identified for the 1990 census by the Bureau of Indian Affairs (BIA), Department of Interior (for Federal reservations), and State governments (for State reservations). The names of American Indian reservations recognized by State governments, but not by the Federal Government, are followed by "(State)." Areas composed of reservation lands that are administered jointly and/or are claimed by two reservations, as identified by the BIA, are called "joint areas," and are treated as separate American Indian reservations for census purposes.

Federal reservations may cross State boundaries, and Federal and State reservations may cross county, county subdivision, and place boundaries. For reservations that cross State boundaries, only the portion of the reservations in a given State are shown in the data products for that State; the entire reservations are shown in data products for the United States.

Each American Indian reservation is assigned a four-digit census code ranging from 0001 through 4989. These census codes are assigned in alphabetical order of American Indian reservations nationwide, except that joint areas appear at the end of the code range. Each American Indian reservation also is assigned a five-digit FIPS code; because the FIPS codes are assigned in alphabetical sequence of American Indian reservations within each State, the FIPS code is different in each State for reservations in more than one State.

TRUST LAND-Trust lands are property associated with a particular American Indian reservation or tribe, held in trust by the Federal Government. Trust lands may be held in trust either for a tribe (tribal trust land) or for an individual member of a tribe

(individual trust land). Trust lands recognized for the 1990 census comprise all tribal trust lands and inhabited individual trust lands located outside of a reservation boundary. As with other American Indian areas, trust lands may be located in more than one State. Only the trust lands in a given State are shown in the data products for that State; all trust lands associated with a reservation or tribe are shown in data products for the United States. The Census Bureau first reported data for tribal trust lands for the 1980 census.

Trust lands are assigned a four-digit census code and a five-digit FIPS code, the same as that for the reservation with which they are associated. Trust lands not associated with a reservation are presented by tribal name, interspersed alphabetically among the reservations.

#### TRIBAL DESIGNATED STATISTICAL AREA (TDSA)

Tribal designated statistical areas (TDSA's) are areas, delineated outside Oklahoma by federally- and State- recognized tribes without a land base or associated trust lands, to provide statistical areas for which the Census Bureau tabulates data. TDSA's represent areas generally containing the American Indian population over which federally-recognized tribes have jurisdiction and areas in which State tribes provide benefits and services to their members. The names of TDSA's delineated by State-recognized tribes are followed by "(State)." The Census Bureau did not recognize TDSA's before the 1990 census.

Each TDSA is assigned a four-digit census code ranging from 9001 through 9589. The census codes are assigned in alphabetical order of TDSA's nationwide. Each TDSA also is assigned a five-digit FIPS code in alphabetical order within State.

#### TRIBAL JURISDICTION STATISTICAL AREA (TJSA)

Tribal jurisdiction statistical areas (TJSA's) are areas, delineated by federally-recognized tribes in Oklahoma without a reservation, for which the Census Bureau tabulates data. TJSA's represent areas generally containing the American Indian population over which one or more tribal governments have jurisdiction; if tribal officials delineated adjacent TJSA's so that they include some duplicate territory, the overlap area is called a "joint use area," which is treated as a separate TJSA for census purposes.

TJSA's replace the "Historic Areas of Oklahoma (excluding urbanized areas)" shown in 1980 census data products. The Historic Areas of Oklahoma comprised the territory located within reservations that had legally established boundaries from 1900 to 1907; these reservations were dissolved during the 2- to 3-year period preceding the statehood of Oklahoma in 1907. The Historic Areas of Oklahoma (excluding urbanized areas) were identified only for the 1980 census.

Each TJSA is assigned a four-digit census code ranging from 5001 through 5989. The census codes are assigned in alphabetical order of

TJSA'S, except that joint areas appear at the end of the code range. Each TJSA also is assigned a five-digit FIPS code in alphabetical order within Oklahoma.

#### AREA MEASUREMENT

Area measurements provide the size, in square kilometers (also in square miles in printed reports), recorded for each geographic entity for which the Census Bureau tabulates data in general-purpose data products (except crews-of-vessels entities and ZIP Codes). (Square kilometers may be divided by 2.59 to convert an area measurement to square miles.) Area was calculated from the specific set of boundaries recorded for the entity in the Census Bureau's geographic data base (see "TIGER"). On machine-readable files, area measurements are shown to three decimal places; the decimal point is implied. In printed reports and listings, area measurements are shown to one decimal.

The Census Bureau provides measurements for both land area and total water area for the 1990 census; the water figure includes inland, coastal, Great Lakes, and territorial water. (For the 1980 census, the Census Bureau provided area measurements for land and inland water.) The Census Bureau will provide measurements for the component types of water for the affected entities in a separate file. "Inland water" consists of any lake, reservoir, pona or similar body of water that is recorded in the Census Bureau's geographic data base. It also includes any river, creek, canal, stream, or similar feature that is recorded in that data base as a two dimensional feature (rather than as a single line). The portions of the oceans and related large embayments (such as the Chesapeake Bay and Puget Sound), the Gulf of Mexico, and the Caribbean Sea that belong to the United States and its territories are considered to be "coastal" and "territorial" waters; the Great Lakes are treated as a separate water entity. Rivers and bays that empty into these bodies of water are treated as "inland water" from the point beyond which they are narrower than one nautical mile across. Identification of land and inland, coastal, and territorial waters is for statistical purposes, and does not necessarily reflect legal definitions thereof.

By definition, census blocks do not include water within their boundaries; therefore, the water area of a block is always zero. Land area measurements may disagree with the information displayed on census maps and in the TIGER file because, for area measurement purposes, features identified as "intermittent water" and "glacier" are reported as land area. For this reason, it may not be possible to derive the land area for an entity by summing the land area of its component census blocks. In addition, the water area measurement reported for some geographic entities includes water that is not included in any lower-level geographic entity. Therefore, because water is contained only in a higher-level geographic entity, summing the water measurements for all the component lower-level geographic entities will not yield the water area of that higher-level entity. This occurs, for example, where water is associated with a county but

is not within the legal boundary of any minor civil division, or the water is associated with a State but is not within the legal boundary of any county. Crews-of-vessels entities (see "Census Tract and Block Numbering Area" and "Block") do not encompass territory and therefore have no area measurements. ZIP Codes do not have specific boundaries, and therefore, also do not have area measurements.

The accuracy of any area measurement figure is limited by the inaccuracy inherent in (1) the location and shape of the various boundary features in the data base, and (2) rounding affecting the last digit in all operations that compute and/or sum the area measurements.

#### BLOCK

Census blocks are small areas bounded on all sides by visible features such as streets, roads, streams, and railroad tracks, and by invisible boundaries such as city, town, township, and county limits, property lines, and short, imaginary extensions of streets and roads.

Tabulation blocks, used in census data products, are in most cases the same as collection blocks, used in the census enumeration. In some cases, collection blocks have been "split" into two or more parts required for data tabulations. Tabulation blocks do not cross the boundaries of counties, county subdivisions, places, census tracts or block numbering areas, American Indian and Alaska Native areas, congressional districts, voting districts, urban or rural areas, or urbanized areas. The 1990 census is the first for which the entire United States and its possessions are block-numbered.

Blocks are numbered uniquely within each census tract or BNA. A block is identified by a three-digit number, sometimes with a single alphabetical suffix. Block numbers with suffixes generally represent collection blocks that were "split" in order to identify separate geographic entities that divide the original block. For example, when a city limit runs through data collection block 101, the data for the portion inside the city is tabulated in block 101A and the portion outside, in block 101B. A block number with the suffix "Z" represents a "crews-of-vessels" entity for which the Census Bureau tabulates data, but that does not represent a true geographic area; such a block is shown on census maps associated with an anchor symbol and a census tract or block numbering area with a .99 suffix.

#### BLOCK GROUP (BG)

##### GEOGRAPHIC BLOCK GROUP

A geographic block group (BG) is a cluster of blocks having the same first digit of their three-digit identifying numbers within a census tract or block numbering area (BNA). For example, BG 3 within a census tract or BNA includes all blocks numbered between 301 and 397. In most cases, the numbering involves substantially fewer than 97 blocks. Geographic BG's never cross census tract or BNA boundaries, but may cross the boundaries of county subdivisions,

places, American Indian and Alaska Native areas, urbanized areas, voting districts, and congressional districts. BG's generally contain between 250 and 550 housing units, with the ideal size being 400 housing units.

#### TABULATION BLOCK GROUP

In the data tabulations, a geographic BG may be split to present data for every unique combination of county subdivision, place, American Indian and Alaska Native area, urbanized area, voting district, urban/rural and congressional district shown in the data product; for example, if BG 3 is partly in a city and partly outside the city, there will be separate tabulated records for each portion of BG 3. BG's are used in tabulating decennial census data nationwide in the 1990 census, in all block-numbered areas in the 1980 census, and in Tape Address Register (TAR) areas in the 1970 census. For purposes of data presentation, BG's are a substitute for the enumeration districts (ED's) used for reporting data in many parts of the United States for the 1970 and 1980 censuses, and in all areas for pre-1970 censuses.

#### BOUNDARY CHANGES

The boundaries of some counties, county subdivisions, American Indian and Alaska Native areas, and many incorporated places, changed between those reported for the 1980 census and January 1, 1990. Boundary changes to legal entities result from:

1. Annexations to or detachments from legally established governmental units.
2. Mergers or consolidations of two or more governmental units.
3. Establishment of new governmental units.
4. Disincorporations or disorganizations of existing governmental units.
5. Changes in treaties and Executive Orders.

The historical counts shown for counties, county subdivisions, and places are not updated for such changes, and thus reflect the population and housing units in the area as delineated at each census. Information on boundary changes reported between the 1980 and 1990 censuses for counties, county subdivisions, and incorporated places is presented in the "User Notes" section of the technical documentation of Summary Tape Files 1 and 3, and in the 1990 CPH-2, POPULATION AND HOUSING UNIT COUNTS printed reports. For information on boundary changes for such areas in the decade preceding other decennial censuses, see the NUMBER OF INHABITANTS reports for each census. Boundary changes are not reported for some areas, such as



census designated places and block groups.

CENSUS REGION AND CENSUS DIVISION

CENSUS DIVISION

Census divisions are groupings of States that are subdivisions of the four census regions. There are nine divisions, which the Census Bureau adopted in 1910 for the presentation of data. The regions, divisions, and their constituent States are:

NORTHEAST REGION

New England Division:

Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut

Middle Atlantic Division:

New York, New Jersey, Pennsylvania

MIDWEST REGION

East North Central Division:

Ohio, Indiana, Illinois, Michigan, Wisconsin

West North Central Division:

Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, Kansas

SOUTH REGION

South Atlantic Division:

Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida

East South Central Division:

Kentucky, Tennessee, Alabama, Mississippi

West South Central Division:

Arkansas, Louisiana, Oklahoma, Texas

WEST REGION

Mountain Division:

Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada  
Pacific Division:

Washington, Oregon, California, Alaska, Hawaii

#### CENSUS REGION

Census regions are groupings of States that subdivide the United States for the presentation of data. There are four regions-Northeast, Midwest, South, and West. Each of the four census regions is divided into two or more census divisions. Prior to 1984, the Midwest region was named the North Central region. From 1910, when census regions were established, through the 1940's, there were three regions-North, South, and West.

#### CENSUS TRACT AND BLOCK NUMBERING AREA

##### BLOCK NUMBERING AREA (BNA)

Block numbering areas (BNA's) are small statistical subdivisions of a county for grouping and numbering blocks in nonmetropolitan counties where local census statistical areas committees have not established census tracts. State agencies and the Census Bureau delineated BNA's for the 1990 census, using guidelines similar to those for the delineation of census tracts. BNA's do not cross county boundaries.

BNA's are identified by a four-digit basic number and may have a two-digit suffix; for example, 9901.07. The decimal point separating the four-digit basic BNA number from the two-digit suffix is shown in printed reports, in microfiche, and on census maps; in machine-readable files, the decimal point is implied. Many BNA's do not have a suffix; in such cases, the suffix field is left blank in all data products. BNA numbers range from 9501 through 9989.99, and are unique within a county (numbers in the range of 0001 through 9499.99 denote a census tract). The suffix .99 identifies a BNA that was populated entirely by persons aboard one or more civilian or military ships. A "crews-of-vessels" BNA appears on census maps only as an anchor symbol with its BNA number (and block numbers on maps showing block numbers); the BNA relates to the ships associated with the onshore BNA's having the same four-digit basic number. Suffixes in the range .80 through .98 usually identify BNA's that either were revised or were created during the 1990 census data collection activities. Some of these revisions produced BNA's that have extremely small land area and may have little or no population or housing. For data analysis, such a BNA can be summarized with an adjacent BNA.

#### CENSUS TRACT

Census tracts are small, relatively permanent statistical subdivisions of a county. Census tracts are delineated for all metropolitan areas (MA's) and other densely populated counties by local census statistical areas committees following Census Bureau guidelines (more than 3,000 census tracts have been established in 221 counties outside MA's). Six States (California, Connecticut, Delaware, Hawaii, New Jersey, and Rhode Island) and the District of Columbia are covered entirely by census tracts. Census tracts usually have between 2,500 and 8,000 persons and, when first delineated, are designed to be homogeneous with respect to population characteristics, economic status, and living conditions. Census tracts do not cross county boundaries. The spatial size of census tracts varies widely depending on the density of settlement. Census tract boundaries are delineated with the intention of being maintained over a long time so that statistical comparisons can be made from census to census. However, physical changes in street patterns caused by highway construction, new development, etc., may require occasional revisions; census tracts occasionally are split due to large population growth, or combined as a result of substantial population decline. Census tracts are referred to as "tracts" in all 1990 data products.

Census tracts are identified by a four-digit basic number and may have a two-digit suffix; for example, 6059.02. The decimal point separating the four-digit basic tract number from the two-digit suffix is shown in printed reports, in microfiche, and on census maps; in machine-readable files, the decimal point is implied. Many census tracts do not have a suffix; in such cases, the suffix field is left blank in all data products. Leading zeros in a census tract number (for example, 002502) are shown only on machine-readable files.

Census tract numbers range from 0001 through 9499.99 and are unique within a county (numbers in the range of 9501 through 9989.99 denote a block numbering area). The suffix .99 identifies a census tract that was populated entirely by persons aboard one or more civilian or military ships. A "crews-of-vessels" census tract appears on census maps only as an anchor symbol with its census tract number (and block numbers on maps showing block numbers). These census tracts relate to the ships associated with the onshore census tract having the same four-digit basic number. Suffixes in the range revised or were created during the 1990 census data collection activities. Some of these revisions may have resulted in census tracts that have extremely small land area and may have little or no population or housing. For data analysis, such a census tract can be summarized with an adjacent census tract.

#### CONGRESSIONAL DISTRICT (CD)

Congressional districts (CD's) are the 435 areas from which persons are elected to the U.S. House of Representatives. After the apportionment of congressional seats among the States, based on census population counts, each State is responsible for establishing

CD's for the purpose of electing representatives. Each CD is to be as equal in population to all other CD's in the State as practicable, based on the decennial census counts.

The CD's that were in effect on January 1, 1990 were those of the 101st Congress. Data on the 101st Congress appear in an early 1990 census data product (Summary Tape File 1A). The CD's of the 101st Congress are the same as those in effect for the 102nd Congress. CD's of the 103rd Congress, reflecting redistricting based on the 1990 census, are summarized in later 1990 data products (STF's 1D and 3D, and 1990 CPH-4, POPULATION AND HOUSING CHARACTERISTICS FOR CONGRESSIONAL DISTRICTS OF THE 103RD CONGRESS printed reports).

#### COUNTY

The primary political divisions of most States are termed "counties." In Louisiana, these divisions are known as "parishes." In Alaska, which has no counties, the county equivalents are the organized "boroughs" and the "census areas" that are delineated for statistical purposes by the State of Alaska and the Census Bureau. In four States (Maryland, Missouri, Nevada, and Virginia), there are one or more cities that are independent of any county organization and thus constitute primary divisions of their States. These cities are known as "independent cities" and are treated as equivalent to counties for statistical purposes. That part of Yellowstone National Park in Montana is treated as a county equivalent. The District of Columbia has no primary divisions, and the entire area is considered equivalent to a county for statistical purposes.

Each county and county equivalent is assigned a three-digit FIPS code that is unique within State. These codes are assigned in alphabetical order of county or county equivalent within State, except for the independent cities, which follow the listing of counties.

#### COUNTY SUBDIVISION

County subdivisions are the primary subdivisions of counties and their equivalents for the reporting of decennial census data. They include census county divisions, census subareas, minor civil divisions, and unorganized territories.

Each county subdivision is assigned a three-digit census code in alphabetical order within county and a five-digit FIPS code in alphabetical order within State.

#### CENSUS COUNTY DIVISION (CCD)

Census county divisions (CCD's) are subdivisions of a county that were delineated by the Census Bureau in cooperation with State officials and local census statistical areas committees, for statistical purposes. CCD's were established in 21 States where there are no legally established minor civil divisions (MCD's), where the MCD's do not have governmental or administrative purposes, where

the boundaries of the MCD's change frequently, and/or where the MCD's are not generally known to the public. CCD's have no legal functions, and are not governmental units.

The boundaries of CCD's usually are delineated to follow visible features, and in most cases coincide with census tract or block numbering area boundaries. The name of each CCD is based on a place, county, or well-known local name that identifies its location. CCD's have been established in the following 21 States: Alabama, Arizona, California, Colorado, Delaware, Florida, Georgia, Hawaii, Idaho, Kentucky, Montana, Nevada, New Mexico, Oklahoma, Oregon, South Carolina, Tennessee, Texas, Utah, Washington, and Wyoming. For the 1980 census, the county subdivisions recognized for Nevada were MCD'S.

#### CENSUS SUBAREA (Alaska)

Census subareas are statistical subdivisions of boroughs and census areas (county equivalents) in Alaska. Census subareas were delineated cooperatively by the State of Alaska and the Census Bureau. The census subareas, identified first in 1980, replaced the various types of subdivisions used in the 1970 census.

#### MINOR CIVIL DIVISION (MCD)

Minor civil divisions (MCD's) are the primary political or administrative divisions of a county. MCD's represent many different kinds of legal entities with a wide variety of governmental and/or administrative functions. MCD's are variously designated as American Indian reservations, assessment districts, boroughs, election districts, gores, grants, magisterial districts, parish governing authority districts, plantations, precincts, purchases, supervisors' districts, towns, and townships. In some States, all or some incorporated places are not located in any MCD and thus serve as MCD's in their own right. In other States, incorporated places are subordinate to (part of) the MCD's in which they are located or the pattern is mixed-some incorporated places are independent of MCD's and others are subordinate to one or more MCD'S.

The Census Bureau recognizes MCD's in the following 28 States: Arkansas, Connecticut, Illinois, Indiana, Iowa, Kansas, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Hampshire, New Jersey, New York, North Carolina, North Dakota, Ohio, Pennsylvania, Rhode Island, South Dakota, Vermont, Virginia, West Virginia, and Wisconsin. The District of Columbia has no primary divisions, and the entire area is considered equivalent to an MCD for statistical purposes.

The MCD's in 12 selected States (Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin) also serve as general-purpose local governments. The Census Bureau presents data for these MCD's in all data products in which it provides data for places.

## UNORGANIZED TERRITORY (UNORG.)

In nine States (Arkansas, Iowa, Kansas, Louisiana, Maine, Minnesota, North Carolina, North Dakota, and South Dakota), some counties contain territory that is not included in an MCD recognized by the Census Bureau. Each separate area of unorganized territory in these States is recognized as one or more separate county subdivisions for census purposes. Each unorganized territory is given a descriptive name, followed by the designation "unorg."

## GEOGRAPHIC CODE

Geographic codes are shown primarily on machine-readable data products, such as computer tape and compact disc-read only memory (CD-ROM), but also appear on other products such as microfiche; they also are shown on some census maps. Codes are identified as "census codes" only if there is also a Federal Information Processing Standards (FIPS) code for the same geographic entity. A code that is not identified as either "census" or "FIPS" is usually a census code for which there is no FIPS equivalent, or for which the Census Bureau does not use the FIPS code. The exceptions, which use only the FIPS code in census products, are county, congressional district, and metropolitan area (that is, metropolitan statistical area, consolidated metropolitan statistical area, and primary metropolitan statistical area).

## CENSUS CODE

Census codes are assigned for a variety of geographic entities, including American Indian and Alaska Native area, census division, census region, county subdivision, place, State, urbanized area, and voting district. The structure, format, and meaning of census codes appear in the 1990 census GEOGRAPHIC IDENTIFICATION CODE SCHEME, in the data dictionary portion of the technical documentation for summary tape files, CD-ROM's, and microfiche.

## FEDERAL INFORMATION PROCESSING STANDARDS (FIPS) CODE

Federal Information Processing Standards (FIPS) codes are assigned for a variety of geographic entities, including American Indian and Alaska Native area, congressional district, county, county subdivision, metropolitan area, place, and State. The structure, format, and meaning of FIPS codes used in the census are shown in the 1990 census GEOGRAPHIC IDENTIFICATION CODE SCHEME, in the data dictionary portion of the technical documentation for summary tape files CD-ROM's, and microfiche.

The objective of the FIPS codes is to improve the use of data resources of the Federal Government and avoid unnecessary duplication and incompatibilities in the collection, processing, and dissemination of data. More information about FIPS and FIPS code

documentation is available from the National Technical Information Service, Springfield, VA 22161.

#### UNITED STATES POSTAL SERVICE (USPS) CODE

United States Postal Service (USPS) codes for States are used in all 1990 data products. The codes are two-character alphabetic abbreviations. These codes are the same as the FIPS two-character alphabetic abbreviations.

#### GEOGRAPHIC PRESENTATION

#### HIERARCHICAL PRESENTATION

A hierarchical geographic presentation shows the geographic entities in a superior/subordinate structure in census products. This structure is derived from the legal, administrative, or areal relationships of the entities. The hierarchical structure is depicted in report tables by means of indentation, and is explained for machine-readable media in the discussion of file structure in the geographic coverage portion of the abstract in the technical documentation. An example of hierarchical presentation is the "standard census geographic hierarchy": block, within block group, within census tract or block numbering area, within place, within county subdivision, within county, within State, within division, within region, within the United States. Graphically, this is shown as:

```
United States
  Region
    Division
      State
        County
          County subdivision
            Place (or part)
              Census tract/ block numbering area (or part)
                Block group (or part)
                  Block
```

#### INVENTORY PRESENTATION

An inventory presentation of geographic entities is one in which all entities of the same type are shown in alphabetical or code sequence, without reference to their hierarchical relationships. Generally, an inventory presentation shows totals for entities that may be split in a hierarchical presentation, such as place, census tract/ block numbering area, or block group. An example of a series of inventory presentations is: State, followed by all the counties in that State, followed by all the places in that State. Graphically, this is shown as:

State

County "A"

County "B"

County "C"

Place "X"

Place "Y"

Place "Z"

#### HISTORICAL COUNTS

Historical counts for total population and total housing units are shown in the 1990 CPH-2, POPULATION AND HOUSING UNIT COUNTS report series. As in past censuses, the general rule for presenting historical data for States, counties, county subdivisions, and places is to show historical counts only for single, continually existing entities. Stated another way, if an entity existed for both the current and preceding censuses, the tables show counts for the preceding censuses. Included in this category are entities of the same type (county, county subdivision, place) even if they had changed their names. Also included are entities that merged, but only if the new entity retained the name of one of the merged entities. The historical counts shown are for each entity as it was bounded at each census.

In cases where an entity was formed since a preceding census, such as a newly incorporated place or a newly organized township, the symbol three dots "..." is shown for earlier censuses. The three-dot symbol also is shown for those parts of a place that have extended into an additional county or county subdivision through annexation or other revision of boundaries since the preceding census.

In a few cases, changes in the boundaries of county subdivisions caused a place to be split into two or more parts, or to be split differently than in the preceding census. If historical counts for the parts of the place as currently split did not appear in a preceding census, "(NA)" is shown for the place in each county subdivision; however, the historical population and housing unit counts of the place appear in tables that show the entire place. For counties, county subdivision, and places formed since January 1, 1980, 1980 census population and housing unit counts in the 1990 territory are reported in the geographic change notes included in the "User Notes" text section of 1990 CPH-2, POPULATION AND HOUSING UNIT COUNTS, and in the technical documentation of Summary Tape Files 1 and 3.

In some cases, population and housing unit counts for individual areas were revised since publication of the 1980 reports (indicated by the prefix "r"). In a number of tables of 1990 CPH-2, POPULATION AND HOUSING UNIT COUNTS, 1980 counts are shown for aggregations of individual areas, such as the number, population, and housing unit counts of places in size groups, or urban and rural distributions. Revisions of population and housing unit counts for individual areas



were not applied to the various aggregations. Therefore, it may not be possible to determine the individual areas in a given aggregation using the historical counts; conversely, the sum of the counts shown for individual areas may not agree with the aggregation.

#### INTERNAL POINT

An internal point is a set of geographic coordinates (latitude and longitude) that is located within a specified geographic entity. A single point is identified for each entity; for many entities, this point represents the approximate geographic center of that entity. If the shape of the entity caused this point to be located outside the boundaries of the entity, it is relocated from the center so that it is within the entity. If the internal point for a block falls in a water area, it is relocated to a land area within the block. On machine-readable products, internal points are shown to six decimal places; the decimal point is implied.

#### METROPOLITAN AREA (MA)

The general concept of a metropolitan area (MA) is one of a large population nucleus, together with adjacent communities that have a high degree of economic and social integration with that nucleus. Some MA's are defined around two or more nuclei.

The MA classification is a statistical standard developed for use by Federal agencies in the production, analysis, and publication of data on MA's. The MA's are designated and defined by the Federal Office of Management and Budget, following a set of official published standards. These standards were developed by the interagency Federal Executive Committee on Metropolitan Areas, with the aim of producing definitions that are as consistent as possible for all MA's nationwide.

Each MA must contain either a place with a minimum population of 50,000 or a Census Bureau-defined urbanized area and a total MA population of at least 100,000 (75,000 in New England). An MA comprises one or more central counties. An MA also may include one or more outlying counties that have close economic and social relationships with the central county. An outlying county must have a specified level of commuting to the central counties and also must meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, MA's are composed of cities and towns rather than whole counties.

The territory, population, and housing units in MA's are referred to as "metropolitan." The metropolitan category is subdivided into "inside central city" and "outside central city." The territory, population, and housing units located outside MA's are referred to as "nonmetropolitan." The metropolitan and nonmetropolitan classification cuts across the other hierarchies; for example, there is generally both urban and rural territory within both metropolitan and nonmetropolitan areas.

To meet the needs of various users, the standards provide for a flexible structure of metropolitan definitions that classify an MA either as a metropolitan statistical area (MSA) or as a consolidated metropolitan statistical area (CMSA) that is divided into primary metropolitan statistical areas (PMSA's). Documentation of the MA standards and how they are applied is available from the Secretary, Federal Executive Committee on Metropolitan Areas, Population Division, U.S. Bureau of the Census, Washington, DC 20233.

#### CENTRAL CITY

In each MSA and CMSA, the largest place and, in some cases, additional places are designated as "Central cities" under the official standards. A few PMSA's do not have central cities. The largest central city and, in some cases, up to two additional central cities are included in the title of the MA; there also are central cities that are not included in an MA title. An MA central city does not include any part of that city that extends outside the MA boundary.

#### Consolidated and Primary Metropolitan Statistical Area (CMSA and PMSA)

If an area that qualifies as an MA has more than one million persons, primary metropolitan statistical areas (PMSA's) may be defined within it. PMSA's consist of a large urbanized county or cluster of counties that demonstrates very strong internal economic and social links, in addition to close ties to other portions of the larger area. When PMSA's are established, the larger area of which they are component parts is designated a consolidated metropolitan statistical area (CMSA).

#### METROPOLITAN STATISTICAL AREA (MSA)

Metropolitan statistical areas (MSA's) are relatively freestanding MA's and are not closely associated with other MA's. These areas typically are surrounded by nonmetropolitan counties.

#### METROPOLITAN AREA TITLE AND CODE

The title of an MSA contains the name of its largest central city and up to two additional city names, provided that the additional places meet specified levels of population employment, and community. Generally, a city with a population of 250,000 or more is in the title, regardless of other criteria.

The title of a PMSA may contain up to three place names, as determined above, or up to three county names, sequenced in order of population. A CMSA title also may include up to three names, the first of which generally is the most populous central city in the area. The second name may be the first city or county name in the most populous remaining PMSA; the third name may be the first city or county name in the next most populous PMSA. A regional designation

may be substituted for the second and/or third names in a CMSA title if such a designation is supported by local opinion and is deemed to be unambiguous and suitable by the Office of Management and Budget.

The titles for all MA's also contain the name of each State in which the area is located. Each metropolitan area is assigned a four-digit FIPS code, in alphabetical order nationwide. If the fourth digit of the code is a "2," it identifies a CMSA. Additionally, there is a separate set of two-digit codes for CMSA'S, also assigned alphabetically.

#### OUTLYING AREAS OF THE UNITED STATES

The Census Bureau treats the outlying areas as the statistical equivalents of States for the 1990 census. The outlying areas are American Samoa, Guam, the Commonwealth of the Northern Mariana Islands (Northern Mariana Islands), Republic of Palau (Palau), Puerto Rico, and the Virgin Islands of the United States (Virgin Islands). Geographic definitions specific to each outlying area are shown in appendix A of the text in the data products for each area.

#### PLACE

Places, for the reporting of decennial census data, include census designated places and incorporated places. Each place is assigned a four-digit census code that is unique within State. Each place is also assigned a five-digit FIPS code that is unique within State. Both the census and FIPS codes are assigned based on alphabetical order within State. Consolidated cities (see below) are assigned a one-character alphabetical census code that is unique nationwide and a five-digit FIPS code that is unique within State.

#### CENSUS DESIGNATED PLACE (CDP)

Census designated places (CDP's) are delineated for the decennial census as the statistical counterparts of incorporated places. CDP's comprise densely settled concentrations of population that are identifiable by name, but are not legally incorporated places. Their boundaries, which usually coincide with visible features or the boundary of an adjacent incorporated place, have no legal status, nor do these places have officials elected to serve traditional municipal functions. CDP boundaries may change with changes in the settlement pattern; a CDP with the same name as in previous censuses does not necessarily have the same boundaries.

Beginning with the 1950 census, the Census Bureau, in cooperation with State agencies and local census statistical areas committees, has identified and delineated boundaries for CDP'S. In the 1990 census, the name of each such place is followed by "CDP." In the 1980 census, "(CDP)" was used; in 1970, 1960, and 1950 censuses, these places were identified by "(U)," meaning "unincorporated place,"

To qualify as a CDP for the 1990 census, an unincorporated

community must have met the following criteria:

1. In all States except Alaska and Hawaii, the Census Bureau uses three population size criteria to designate a CDP. These criteria are:
  - a. 1,000 or more persons if outside the boundaries of an urbanized area (UA) delineated for the 1980 census or a subsequent special census.
  - b. 2,500 or more persons if inside the boundaries of a UA delineated for the 1980 census or a subsequent special census.
  - c. 250 or more persons if outside the boundaries of a UA delineated for the 1980 census or a subsequent special census, and within the official boundaries of an American Indian reservation recognized for the 1990 census.
2. In Alaska, 25 or more persons if outside a UA, and 2,500 or more persons if inside a UA delineated for the 1980 census or a subsequent special census.
3. In Hawaii, 300 or more persons, regardless of whether the community is inside or outside a UA.

For the 1990 census, CDP's qualified on the basis of the population counts prepared for the 1990 Postcensus Local Review Program. Because these counts were subject to change, a few CDP's may have final population counts lower than the minimums shown above.

Hawaii is the only State with no incorporated places recognized by the Bureau of the Census. All places shown for Hawaii in the data products are CDP'S. By agreement with the State of Hawaii, the Census Bureau does not show data separately for the city of Honolulu, which is coextensive with Honolulu County.

#### CONSOLIDATED CITY

A consolidated government is a unit of local government for which the functions of an incorporated place and its county or minor civil division (MCD) have merged. The legal aspects of this action may result in both the primary incorporated place and the county or MCD continuing to exist as legal entities, even though the county or MCD performs few or no governmental functions and has few or no elected officials. Where this occurs, and where one or more other incorporated places in the county or MCD continue to function as separate governments, even though they have been included in the consolidated government, the primary incorporated place is referred to as a "consolidated city."

The data presentation for consolidated cities varies depending upon the geographic presentation. In hierarchical presentations,

consolidated cities are not shown. These presentations include the semi-independent places and the "consolidated city (remainder)." Where the consolidated city is coextensive with a county or county subdivision, the data shown for those areas in hierarchical presentations are equivalent to those for the consolidated government.

For inventory geographic presentations, the consolidated city appears at the end of the listing of places. The data for the consolidated city include places that are part of the consolidated city. The "consolidated city (remainder)" is the portion of the consolidated government minus the semi-independent places, and is shown in alphabetical sequence with other places.

In summary presentations by size of place, the consolidated city is not included. The places semi-independent of consolidated cities are categorized by their size, as is the "consolidated city (remainder)."

Each consolidated city is assigned a one-character alphabetic census code. Each consolidated city also is assigned a five-digit FIPS code that is unique within State. The semi-independent places and the "consolidated city (remainder)" are assigned a four-digit census code and a five-digit FIPS place code that are unique within State. Both the census and FIPS codes are assigned based on alphabetical order within State.

#### INCORPORATED PLACE

Incorporated places recognized in 1990 census data products are those reported to the Census Bureau as legally in existence on January 1, 1990 under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: the towns in the New England States, New York and Wisconsin, and the boroughs in New York are recognized as minor civil divisions for census purposes; the boroughs in Alaska are county equivalents.

#### POPULATION OR HOUSING UNIT DENSITY

Population or housing unit density is computed by dividing the total population or housing units of a geographic unit (for example, United States, State, county, place) by its land area measured in square kilometers or square miles. Density is expressed as both "persons (or housing units) per square kilometer" and "persons (or housing units) per square mile" of land area in 1990 census printed reports.

#### STATE

States are the primary governmental divisions of the United States. The District of Columbia is treated as a statistical equivalent of a State for census purposes. The four census regions, nine census divisions, and their component States are shown under "CENSUS REGION AND CENSUS DIVISION" in this appendix.

The Census Bureau treats the outlying areas as State equivalents for the 1990 census. The outlying areas are American Samoa, Guam, the Northern Mariana Islands, Palau, Puerto Rico, and the Virgin Islands of the United States. Geographic definitions specific to each outlying area are shown in appendix A in the data products for each area.

Each State and equivalent is assigned a two-digit numeric Federal Information Processing Standards (FIPS) code in alphabetical order by State name, followed by the outlying area names. Each State and equivalent area also is assigned a two-digit census code. This code is assigned on the basis of the geographic sequence of each State within each census division; the first digit of the code is the code for the respective division. Puerto Rico, the Virgin Islands, and the outlying areas of the Pacific are assigned "0" as the division code. Each State and equivalent area also is assigned the two-letter FIPS/United States Postal Service (USPS) code.

In 12 selected States (Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin), the minor civil divisions also serve as general-purpose local governments. The Census Bureau presents data for these minor civil divisions in all data products in which it provides data for places.

#### TIGER

TIGER is an acronym for the new digital (computer-readable) geographic data base that automates the mapping and related geographic activities required to support the Census Bureau's census and survey programs. The Census Bureau developed the Topologically Integrated Geographic Encoding and Referencing (TIGER) System to automate the geographic support processes needed to meet the major geographic needs of the 1990 census: producing the cartographic products to support data collection and map publication, providing the geographic structure for tabulation and publication of the collected data, assigning residential and employer addresses to their geographic location and relating those locations to the Census Bureau's geographic units, and so forth. The content of the TIGER data base is made available to the public through a variety of "TIGER Extract" files that may be obtained from the Data User Services Division, U.S. Bureau of the Census, Washington, DC 20233.

#### UNITED STATES

The United States comprises the 50 States and the District of Columbia. In addition, the Census Bureau treats the outlying areas as statistical equivalents of States for the 1990 census. The outlying areas include American Samoa, Guam, the Northern Mariana Islands, Palau, Puerto Rico, and the Virgin Islands.

#### URBAN AND RURAL

The Census Bureau defines "urban" for the 1990 census as comprising all territory, population and housing units in urbanized areas and in places of 2,500 or more persons outside urbanized areas. More specifically, "urban" consists of territory, persons, and housing units in:

1. Places of 2,500 or more persons incorporated as cities, villages, boroughs (except in Alaska and New York), and towns (except in the six New England States, New York, and Wisconsin), but excluding the rural portions of "extended cities."
2. Census designated places of 2,500 or more persons.
3. Other territory, incorporated or unincorporated, included in urbanized areas.

Territory, population, and housing units not classified as urban constitute "rural." In the 100-percent data products, "rural" is divided into "places of less than 2,500" and "not in places." The "not in places" category comprises "rural" outside incorporated and census designated places and the rural portions of extended cities. In many data products, the term "other rural" is used; "other rural" is a residual category specific to the classification of the rural in each data product.

In the sample data products, rural population and housing units are subdivided into "rural farm" and "rural nonfarm." "Rural farm" comprises all rural households and housing units on farms (places from which \$1,000 or more of agricultural products were sold in 1989); "rural nonfarm" comprises the remaining rural.

The urban and rural classification cuts across the other hierarchies; for example, there is generally both urban and rural territory within both metropolitan and nonmetropolitan areas.

In censuses prior to 1950, "urban" comprised all territory, persons, and housing units in incorporated places of 2,500 or more persons, and in areas (usually minor civil divisions) classified as urban under special rules relating to population size and density. The definition of urban that restricted itself to incorporated places having 2,500 or more persons excluded many large, densely settled areas merely because they were not incorporated. Prior to the 1950 census, the Census Bureau attempted to avoid some of the more obvious omissions by classifying selected areas as "urban under special rules." Even with these rules, however, many large, closely built-up areas were excluded from the urban category.

To improve its measure of urban territory, population, and housing units, the Census Bureau adopted the concept of the urbanized area and delineated boundaries for unincorporated places (now, census designated places) for the 1950 census. Urban was defined as territory, persons, and housing units in urbanized areas and, outside urbanized areas, in all places, incorporated or unincorporated, that had 2,500 or more persons. With the following three exceptions, the

1950 census definition of urban has continued substantially unchanged. First, in the 1960 census (but not in the 1970, 1980, or 1990 censuses), certain towns in the New England States, townships in New Jersey and Pennsylvania, and Arlington County, Virginia, were designated as urban. However, most of these "special rule" areas would have been classified as urban anyway because they were included in an urbanized area or in an unincorporated place of 2,500 or more persons. Second, "extended cities" were identified for the 1970, 1980, and 1990 censuses. Extended cities primarily affect the figures for urban and rural territory (area), but have very little effect on the urban and rural population and housing units at the national and State levels-although for some individual counties and urbanized areas, the effects have been more evident. Third, changes since the 1970 census in the criteria for defining urbanized areas have permitted these areas to be defined around smaller centers.

Documentation of the urbanized area and extended city criteria is available from the Chief, Geography Division, U.S. Bureau of the Census, Washington, DC 20233.

#### EXTENDED CITY

Since the 1960 census, there has been a trend in some States toward the extension of city boundaries to include territory that is essentially rural in character. The classification of all the population and living quarters of such places as urban would include in the urban designation territory, persons, and housing units whose environment is primarily rural. For the 1970, 1980, and 1990 censuses, the Census Bureau identified as rural such territory and its population and housing units for each extended city whose closely settled area was located in an urbanized area. For the 1990 census, this classification also has been applied to certain places outside urbanized areas.

In summary presentations by size of place, the urban portion of an extended city is classified by the population of the entire place; the rural portion is included in "other rural."

#### URBANIZED AREA (UA)

The Census Bureau delineates urbanized areas (UA's) to provide a better separation of urban and rural territory, population, and housing in the vicinity of large places. A UA comprises one or more places "central place") and the adjacent densely settled surrounding territory ("urban fringe") that together have a minimum of 50,000 persons. The urban fringe generally consists of contiguous territory having a density of least 1,000 persons per square mile. The urban fringe also includes outlying territory of such density if it was connected to the core of the contiguous area by road and is within 1 1/2 road miles of that core, or within 5 road miles of the core but separated by water or other undevelopable territory. Other territory with a population density of fewer than 1,000 people per square mile is included in the urban fringe if it eliminates an enclave or closes



an indentation in the boundary of the urbanized area. The population density is determined by (1) outside of a place, one or more contiguous census blocks with a population density of at least 1,000 persons per square mile or (2) inclusion of a place containing census blocks that have at least 50 percent of the population of the place and a density of at least 1,000 persons per square mile. The complete criteria are available from the Chief, Geography Division, U.S. Bureau of the Census, Washington, DC 20233.

#### URBANIZED AREA CENTRAL PLACE

One or more central places function as the dominant centers of each UA. The identification of a UA central place permits the comparison of this dominant center with the remaining territory in the UA. There is no limit on the number of central places, and not all central places are necessarily included in the UA title. UA central places include:

1. Each place entirely (or partially, if the place is an extended city) within the UA that is a central city of a metropolitan area (MA).
2. If the UA does not contain an MA central city or is located outside of an MA, the central place(s) is determined by population size.

#### URBANIZED AREA TITLE AND CODE

The title of a UA identifies those places that are most important within the UA; it links the UA to the encompassing MA, where appropriate. If a single MA includes most of the UA, the title and code of the UA generally are the same as the title and code of the MA. If the UA is not mostly included in a single MA, if it does not include any place that is a central city of the encompassing MA, or if it is not located in an MA, the Census Bureau uses the population size of the included places, with a preference for incorporated places, to determine the UA title. The name of each State in which the UA is located also is in each UA title.

The numeric code used to identify each UA is the same as the code for the mostly encompassing MA (including CMSA and PMSA). If MA title cities represent multiple UA's, or the UA title city does not correspond to the first name of an MA title, the Census Bureau assigns a code based on the alphabetical sequence of the UA title in relationship to the other UA and MA titles.

#### VOTING DISTRICT (VTD)

A voting district (VTD) is any of a variety of types of areas (for example, election districts, precincts, wards, legislative districts) established by State and local governments for purposes of elections. For census purposes, each State participating in Phase 2

of the 1990 Census Redistricting Data Program outlined the boundaries of VTD's around groups of whole census blocks on census maps. The entities identified as VTD's are not necessarily those legally or currently established. Also, to meet the "whole block" criterion, a State may have had to adjust VTD boundaries to nearby block boundaries. Therefore, the VTD's shown on the 1990 census tapes, listings, and maps may not represent the actual VTD's in effect at the time of the census. In the 1980 census, VTD's were referred to as "election precincts."

Each VTD is assigned a four-character alphanumeric code that is unique within each county. The code "ZZZZ" is assigned to nonparticipating areas; the Census Bureau reports data for areas coded "ZZZZ."

#### ZIP CODE

ZIP Codes are administrative units established by the United States Postal Service (USPS) for the distribution of mail. ZIP Codes serve addresses for the most efficient delivery of mail, and therefore generally do not respect political or census statistical area boundaries. ZIP Codes usually do not have clearly identifiable boundaries, often serve a continually changing area, are changed periodically to meet postal requirements, and do not cover all the land area of the United States. ZIP Codes are identified by five-digit codes assigned by the USPS. The first three digits identify a major city or sectional distribution center, and the last two digits generally signify a specific post office's delivery area or point. For the 1990 census, ZIP Code data are tabulated for the five-digit codes in STF 3B.

APPENDIX B.  
Definitions of Subject Characteristics

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## POPULATION CHARACTERISTICS

### AGE

The data on age were derived from answers to questionnaire item 5, which was asked of all persons. The age classification is based on the age of the person in complete years as of April 1, 1990. The age response in question 5a was used normally to represent a person's age. However, when the age response was unacceptable or unavailable, a person's age was derived from an acceptable year-of-birth response in question 5b.

Data on age are used to determine the applicability of other questions for a person and to classify other characteristics in census tabulations. Age data are needed to interpret most social and economic characteristics used to plan and examine many programs and policies. Therefore, age is tabulated by single years of age and by many different groupings, such as 5-year age groups.

Some tabulations are shown by the age of the householder. These data were derived from the age responses for each householder. (For more information on householder, see the discussion under "Household Type and Relationship.")

**MEDIAN AGE**-This measure divides the age distribution into two equal parts: one-half of the cases falling below the median value and one-half above the value. Generally, median age is computed on the basis of more detailed age intervals than are shown in some census publications; thus, a median based on a less detailed distribution may differ slightly from a corresponding median for the same population based on a more detailed distribution. (For more information on medians, see the discussion under "Derived Measures.")

LIMITATION OF THE DATA-Counts in 1970 and 1980 for persons 100 years old and over were substantially overstated. Improvements were made in the questionnaire design, in the allocation procedures, and to the respondent instruction guide to attempt to minimize this problem for the 1990 census.

Review of detailed 1990 census information indicated that respondents tended to provide their age as of the date of completion of the questionnaire, not their age as of April 1, 1990. In addition, there may have been a tendency for respondents to round their age up if they were close to having a birthday. It is likely that approximately 10 percent of persons in most age groups are actually 1 year younger. For most single years of age, the misstatements are largely offsetting. The problem is most pronounced at age 0 because persons lost to age 1 may not have been fully offset by the inclusion of babies born after April 1, 1990, and because there may have been more rounding up to age 1 to avoid reporting age as 0 years. (Age in complete months was not collected for infants under age 1.)

The reporting of age 1 year older than age on April 1, 1990, is likely to have been greater in areas where the census data were collected later in 1990. The magnitude of this problem was much less in the three previous censuses where age was typically derived from respondent data on year of birth and quarter of birth. (For more information on the design of the age question, see the section below that discusses "Comparability.")

COMPARABILITY-Age data have been collected in every census. For the first time since 1950, the 1990 data are not available by quarter year of age. This change was made so that coded information could be obtained for both age and year of birth. In each census since 1940, the age of a person was assigned when it was not reported. In censuses before 1940, with the exception of 1880, persons of unknown age were shown as a separate category. Since 1960, assignment of unknown age has been performed by a general procedure described as "imputation." The specific procedures for imputing age have been different in each census. (For more information on imputation, see Appendix C, Accuracy of the Data.)

#### ANCESTRY

The data on ancestry were derived from answers to questionnaire item 13, which was asked of a sample of persons. The question was based on self-identification; the data on ancestry represent self-classification by people according to the ancestry group(s) with which they most closely identify. Ancestry refers to a person's ethnic origin or descent, "roots," or heritage or the place of birth of the person or the person's parents or ancestors before their arrival in the United States. Some ethnic identities, such as "Egyptian" or "Polish" can be traced to geographic areas outside the United States, while other ethnicities such as "Pennsylvania Dutch" or "Cajun" evolved in the United States.

The intent of the ancestry question was not to measure the degree of attachment the respondent had to a particular ethnicity. For example, a response of "Irish" might reflect total involvement in an "Irish" community or only a memory of ancestors several generations removed from the individual.

The Census Bureau coded the responses through an automated review, edit, and coding operation. The open-ended write-in ancestry item was coded by subject-matter specialists into a numeric representation using a code list containing over 1,000 categories. The 1990 code list reflects the results of the Census Bureau's own research and consultations with many ethnic experts. Many decisions were made to determine the classification of responses. These decisions affected the grouping of the tabulated data. For example, the "Assyrian" category includes both responses of "Assyrian" and "Chaldean."

The ancestry question allowed respondents to report one or more ancestry groups. While a large number of respondents listed a single ancestry, the majority of answers included more than one ethnic entry. Generally, only the first two responses reported were coded in 1990. If a response was in terms of a dual ancestry, for example, Irish-English, the person was assigned two codes, in this case one for Irish and another for English.

However, in certain cases, multiple responses such as "French Canadian," "Scotch-Irish," "Greek Cypriote," and "Black Dutch" were assigned a single code reflecting their status as unique groups. If a person reported one of these unique groups in addition to another group, for example, "Scotch-Irish English," resulting in three terms, that person received one code for the unique group ("Scotch-Irish") and another one for the remaining group ("English"). If a person reported "English Irish French," only English and Irish were coded. Certain combinations of ancestries where the ancestry group is a part of another, such as "German-Bavarian," the responses were coded as a single ancestry using the smaller group ("Bavarian"). Also, responses such as "Polish-American" or "Italian-American" were coded and tabulated as a single entry ("Polish" or "Italian").

The Census Bureau accepted "American" as a unique ethnicity if it was given alone, with an ambiguous response, or with State names. If the respondent listed any other ethnic identity such as "Italian American," generally the "American" portion of the response was not coded. However, distinct groups such as "American Indian," "Mexican American," and "African American" were coded and identified separately because they represented groups who considered themselves different from those who reported as "Indian," "Mexican," or "African," respectively.

In all tabulations, when respondents provided an unacceptable ethnic identity (for example, an uncodeable or unintelligible response such as "multi-national," "adopted," or "I have no idea"), the answer was included in "Ancestry not reported"

The tabulations on ancestry are presented using two types of data presentations—one used total persons as the base, and the other used total responses as the base. The following are categories shown



in the two data presentations

PRESENTATION BASED ON PERSONS:

SINGLE ANCESTRIES REPORTED-Includes all persons who reported only one ethnic group. Included in this category are with multiple-term such as "Scotch-Irish" who are assigned a single code.

MULTIPLE ANCESTRIES REPORTED-Includes all persons who reported more than one group and were assigned two ancestry codes.

ANCESTRY UNCLASSIFIED-Includes all persons who provided a response that could not be assigned an ancestry code because they provided nonsensical entries or religious responses.

PRESENTATIONS BASED ON RESPONSES:

TOTAL ANCESTRIES REPORTED-Includes the total number of ancestries reported and coded. If a person reported a multiple ancestry such as "French Danish," that response was counted twice in the tabulations-once in the "French" category and again in the "Danish" category. Thus, the sum of the counts in this type of presentation is not the total population but the total of all responses.

FIRST ANCESTRY REPORTED-Includes the first response of all persons who reported at least one codeable entry. For example, in this category, the count for "Danish" would include all those who reported only Danish and those who reported Danish first and then some other group.

SECOND ANCESTRY Reported-Includes the second response of all persons who reported a multiple ancestry. Thus, the count for "Danish" in this category includes all persons who reported Danish as the second response, regardless of the first response provided.

The Census Bureau identified hundreds of ethnic groups in the 1990 census. However, it was impossible to show information for every group in all census tabulations because of space constraints. Publications such as the 1990 CP-2, SOCIAL AND ECONOMIC CHARACTERISTICS and the 1990 CPH-3, POPULATION AND HOUSING CHARACTERISTICS FOR CENSUS TRACTS AND BLOCK NUMBERING AREAS reports show a limited number of groups based on the number reported and the advice received from experts. A more complete distribution of groups is presented in the 1990 Summary Tape File 4, SUPPLEMENTARY REPORTS, and a special subject report on ancestry. In addition, groups identified specifically in the questions on race and Hispanic origin (for example, Japanese, Laotian, Mexican, Cuban, and Spaniard, in general, are not shown separately in ancestry tabulations.

LIMITATION OF THE DATA-Although some experts consider religious affiliation a component of ethnic identity, the ancestry question was not designed to collect any information concerning religion. The Bureau of the Census is prohibited from collecting information on religion. Thus, if a religion was given as an answer to the ancestry question, it was coded as an "Other" response.

COMPARABILITY-A question on ancestry was first asked in the 1980 census. Although there were no comparable data prior to the 1980 census, related information on ethnicity was collected through questions on parental birthplace, own birthplace, and language which were included in previous censuses. Unlike other census questions, there was no imputation for nonresponse to the ancestry question.

In 1990, respondents were allowed to report more than one ancestry group; however, only the first two ancestry groups identified were coded. In 1980, the Census Bureau attempted to code a third ancestry for selected triple-ancestry responses.

New categories such as "Arab" and "West Indian" were added to the 1990 question to meet important data needs. The "West Indian" category excluded "Hispanic" groups such as "Puerto Rican" and "Cuban" that were identified primarily through the question on Hispanic origin. In 1990, the ancestry group, "American" is recognized and tabulated as a unique ethnicity. In 1980, "American" was tabulated but included under the category "Ancestry not specified."

A major improvement in the 1990 census was the use of an automated coding system for ancestry responses. The automated coding system used in the 1990 census greatly reduced the potential for error associated with a clerical review. Specialists with a thorough knowledge of the subject matter reviewed, edited, coded, and resolved inconsistent or incomplete responses.

#### CITIZENSHIP

The data on citizenship were derived from answers to questionnaire item 9, which was asked of a sample of persons.

CITIZEN-Persons who indicated that they were native-born and foreign-born persons who indicated that they have become naturalized (For more information on native and foreign born, see the discussion under "Place of Birth.")

There are four categories of citizenship (1) born in the United States, (2) born in Puerto Rico, Guam, the Virgin Islands of the United States, or the Commonwealth of the Northern Mariana Islands, (3) born abroad of American parents, and (4) citizen by naturalization.

NATURALIZED CITIZEN-Foreign-born persons who had completed the naturalization process at the time of

the census and upon whom the rights of citizenship had been conferred.

NOT A CITIZEN-Foreign-born persons who were not citizens, including persons who had begun but not completed the naturalization process at the time of the census.

LIMITATION OF THE DATA-Evaluation studies completed after previous censuses indicated that some persons may have reported themselves as citizens although they had not yet attained the status.

COMPARABILITY-Similar questions on citizenship were asked in the censuses of 1820, 1830, 1870, 1890 through 1950, 1970, and 1980. The 1980 question was asked of a sample of the foreign-born population. In 1990, both native and foreign-born persons who received the long-form questionnaire were asked to respond to the citizenship question.

#### EDUCATIONAL ATTAINMENT

Data on educational attainment were derived from answers to questionnaire item 12, which was asked of a sample of persons. Data are tabulated as attainment for persons 15 years old and over. Persons are classified according to the highest level of school completed or the highest degree received. The question included instructions to report the level of the previous grade attended or the highest degree received for persons currently enrolled in school. The question included response categories which allowed persons to report completing the 12th grade without receiving a high school diploma, and which instructed respondents to report as "high school graduate(s)"-persons who received either a high school diploma or the equivalent, for example, passed the Test of General Educational Development (G.E.D.), and did not attend college. (On the Military Census Report questionnaire, the lowest response category was "Less than 9th grade.")

Instructions included in the 1990 respondent instruction guide, which was mailed with the census questionnaire, further specified that schooling completed in foreign or ungraded school systems should be reported as the equivalent level of schooling in the regular American system; that vocational certificates or diplomas from vocational, trade, or business schools or colleges were not to be reported unless they were college level degrees; and that honorary degrees were not to be reported. The instructions gave "medicine, dentistry, chiropractic, optometry, osteopathic medicine, pharmacy, podiatry, veterinary medicine, law, and theology" as examples of professional school degrees, and specifically excluded "barber school, cosmetology, or other training for a specific trade" from the professional school category. The order in which they were listed suggested that doctorate degrees were "higher" than professional school degrees, which were "higher" than masters degrees.

Persons who did not report educational attainment were assigned

the attainment of a person of the same age, race or Spanish origin, and sex who resided in the same or a nearby area. Persons who filled more than one circle were edited to the highest level or degree reported.

HIGH SCHOOL GRADUATE OR HIGHER-Includes persons whose highest degree was a high school diploma or its equivalent, persons who attended college or professional school, and persons who received a college, university, or professional degree. Persons who reported completing the 12th grade but not receiving a diploma are not included.

NOT ENROLLED, NOT HIGH SCHOOL GRADUATE-Includes persons of compulsory school attendance age or above who were not enrolled in school and were not high school graduates; these persons may be taken to be "high school dropouts." There is no restriction on when they "dropped out" of school, and they may have never attended high school.

In prior censuses, "Median school years completed" was used as a summary measure of educational attainment. In 1990, the median can only be calculated for groups of which less than half the members have attended college. "Percent high school graduate or higher" and "Percent bachelor's degree or higher" are summary measures which can be calculated from the present data and offer quite readily interpretable measures of differences between population subgroups. To make comparisons over time, "Percent high school graduate or higher" can be calculated and "Percent bachelors degree or higher" can be approximated with data from previous censuses.

COMPARABILITY-From 1840 to 1930, the census measured educational attainment by means of a basic literacy question. In 1940, a single question was asked on highest grade of school completed. In the censuses of 1950 through 1980, a two-part question asking highest grade of school attended and whether that grade was finished was used to construct highest grade or year of school completed. For persons who have not attended college, the response categories in the 1990 educational attainment question should produce data which are comparable to data on highest grade completed from earlier censuses.

The response categories for persons who have attended college were modified from earlier censuses because there was some ambiguity in interpreting responses in terms of the number of years of college completed. For instance, R was not clear whether "completed the fourth year of college," "completed the senior year of college," and "college graduate" were synonymous. Research conducted shortly before the census suggests that these terms were more distinct in 1990 than in earlier decades, and this change may have threatened the ability to estimate the number of "college graduates" from the number of persons reported as having completed the fourth or a higher year of college. It was even more difficult to make inferences about post-baccalaureate degrees and "Associate" degrees from highest year

of college completed. Thus, comparisons of post-secondary educational attainment in this and earlier censuses should be made with great caution.

In the 1960 and subsequent censuses, persons for whom educational attainment was not reported were assigned the same attainment level as a similar person whose residence was in the same or a nearby area. In the 1940 and 1950 censuses, persons for whom educational attainment was not reported were not allocated.

#### EMPLOYMENT STATUS

The data on employment status were derived from answers to questionnaire items 21, 25, and 26, which were asked of a sample of persons. The series of questions on employment status was asked of all persons 15 years old and over and was designed to identify, in this sequence: (1) persons who worked at any time during the reference week; (2) persons who did not work during the reference week but who had jobs or businesses from which they were temporarily absent (excluding layoff); (3) persons on layoff; and (4) persons who did not work during the reference week, but who were looking for work during the last four weeks and were available for work during the reference week. (For more information, see the discussion under "Reference Week.")

The employment status data shown in this and other 1990 census tabulations relate to persons 16 years old and over. Some tabulations showing employment status, however, include persons 15 years old. By definition, these persons are classified as "Not in Labor Force.". In the 1940, 1950, and 1960 censuses, employment status data were presented for persons 14 years old and over. The change in the universe was made in 1970 to agree with the official measurement of the labor force as revised in January 1967 by the U.S. Department of Labor. The 1970 census was the last to show employment data for persons 14 and 15 years old.

EMPLOYED-All civilians 16 years old and over who were either (1) "at work"-those who did any work at all during the reference week as paid employees, worked in their own business or profession, worked on their own farm, or worked 15 hours or more as unpaid workers on a family farm or in a family business; or (2) were "with a job but not at work"-those who did not work during the reference week but had jobs or businesses from which they were temporarily absent due to illness, bad weather, industrial dispute, vacation, or other personal reasons. Excluded from the employed are persons whose only activity consisted of work around the house or unpaid volunteer work for religious, charitable, and similar organizations; also excluded are persons on active duty in the United States Armed Forces.

UNEMPLOYED-All civilians 16 years old and over are classified as unemployed if they (1) were neither "at work" nor "with a job but not at work" during the reference week, and (2) were looking for work during the last 4 weeks, and (3) were available to accept a job.

Also included as unemployed are civilians who did not work at all during the reference week and were waiting to be called back to a job from which they had been laid off. Examples of job seeking activities are:

- Registering at a public or private employment office
- Meeting with prospective employers
- Investigating possibilities for starting a professional practice or opening a business
- Placing or answering advertisements
- Writing letters of application
- Being on a union or professional register

CIVILIAN LABOR FORCE-Consists of persons classified as employed or unemployed in accordance with the criteria described above.

EXPERIENCED UNEMPLOYED-These are unemployed persons who have worked at any time in the past.

EXPERIENCED CIVILIAN LABOR FORCE-Consists of the employed and the experienced unemployed.

LABOR FORCE-All persons classified in the civilian labor force plus members of the U.S. Armed Forces (persons on active duty with the United States Army, Air Force, Navy, Marine Corps, or Coast Guard).

NOT IN LABOR FORCE-All persons 16 years old and over who are not classified as members of the labor force. This category consists mainly of students, housewives, retired workers, seasonal workers enumerated in an off season who were not looking for work, institutionalized persons, and persons doing only incidental unpaid family work (less than 15 hours during the reference week).

WORKER-This term appears in connection with several subjects: journey-to-work items, class of worker, weeks worked in 1989, and number of workers in family in 1989. Its meaning varies and, therefore, should be determined in each case by referring to the definition of the subject in which it appears.

ACTUAL HOURS WORKED LAST WEEK-All persons who reported working during the reference week were asked to report in questionnaire item 21b the number of hours that they worked. The statistics on hours worked pertain to the number of hours actually worked at all jobs, and do not necessarily reflect the number of hours typically or usually worked or the scheduled number of hours. The concept of "actual hours" differs from that of "usual hours" described below. The

number of persons who worked only a small number of hours is probably understated since such persons sometimes consider themselves as not working. Respondents were asked to include overtime or extra hours worked, but to exclude lunch hours, sick leave, and vacation leave.

LIMITATION OF THE DATA-The census may understate the number of employed persons because persons who have irregular, casual, or unstructured jobs sometimes report themselves as not working. The number of employed persons "at work" is probably overstated in the census (and conversely, the number of employed "with a job, but not at work" is understated) since some persons on vacation or sick leave erroneously reported themselves as working. This problem has no effect on the total number of employed persons. The reference week for the employment data is not the same for all persons. Since persons can change their employment status from one week to another, the lack of a uniform reference week may mean that the employment data do not reflect the reality of the employment situation of any given week. (For more information, see the discussion under "Reference Week.")

COMPARABILITY-The questionnaire items and employment status concepts for the 1990 census are essentially the same as those used in the 1980 and 1970 censuses. However, these concepts differ in many respects from those associated with the 1950 and 1960 censuses.

Since employment data from the census are obtained from respondents in households, they differ from statistics based on reports from individual business establishments, farm enterprises, and certain government programs. Persons employed at more than one job are counted only once in the census and are classified according to the job at which they worked the greatest number of hours during the reference week. In statistics based on reports from business and farm establishments, persons who work for more than one establishment may be counted more than once. Moreover, some tabulations may exclude private household workers, unpaid family workers, and self-employed persons, but may include workers less than 16 years of age.

An additional difference in the data arises from the fact that persons who had a job but were not at work are included with the employed in the census statistics, whereas many of these persons are likely to be excluded from employment figures based on establishment payroll reports. Furthermore, the employment status data in census tabulations include persons on the basis of place of residence regardless of where they work, whereas establishment data report persons at their place of work regardless of where they live. This latter consideration is particularly significant when comparing data for workers who commute between areas.

Census data on actual hours worked during the reference week may differ from data from other sources. The census measures hours actually worked, whereas some surveys measure hours paid for by employers. Comparability of census actual hours worked data may also be affected by the nature of the reference week (see "Reference

Week").

For several reasons, the unemployment figures of the Census Bureau are not comparable with published figures on unemployment compensation claims. For example, figures on unemployment compensation claims exclude persons who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (including some workers in agriculture, domestic services, and religious organizations, and self-employed and unpaid family workers). In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used by the Census Bureau. Persons working only a few hours during the week and persons with a job but not at work are sometimes eligible for unemployment compensation but are classified as "Employed" in the census. Differences in the geographical distribution of unemployment data arise because the place where claims are filed may not necessarily be the same as the place of residence of the unemployed worker.

The figures on employment status from the decennial census are generally comparable with similar data collected in the Current Population Survey. However, some difference may exist because of variations in enumeration and processing techniques.

#### FERTILITY

The data on fertility (also referred to as "children ever born") were derived from answers to questionnaire item 20, which was asked of a sample of women 15 years old and over regardless of marital status. Stillbirths, step-children, and adopted children were excluded from the number of children ever born. Ever-married women were instructed to include all children born to them before and during their most recent marriage, children no longer living and children away from home, as well as children who were still living in the home. Never-married women were instructed to include all children born to them.

Data are most frequently presented in terms of the aggregate number of children ever born to women in the specified category and in terms of the rate per 1,000 women. For purposes of calculating the aggregate, the open-ended response category, "12 or more" is assigned a value of 13.

LIMITATION OF THE DATA-Although the data are assumed to be less complete for out-of-wedlock births than for births occurring within marriage, comparisons of 1980 census data on the fertility of single women with other census sources and administrative records indicate that no significant differences were found between different data sources; that is, 1980 census data on children ever born to single women were complete with no significant understatements of childbearing.

COMPARABILITY-The wording of the question on children ever born was



the same in 1990 as in 1980. In 1970, however, the question on children ever born was asked of all ever-married women but only of never-married women who received self-administered questionnaires. Therefore, rates and numbers of children ever born to single women in 1970 may be understated. Data presented for children ever born to ever-married women are comparable for the 1990 census and all previous censuses containing this question.

#### GROUP QUARTERS

All persons not living in households are classified by the Census Bureau as living in group quarters. Two general categories of persons in group quarters are recognized: (1) institutionalized persons and (2) other persons in group quarters (also referred to as "noninstitutional group quarters").

**Institutionalized Persons**-Includes persons under formally authorized, supervised care or custody in institutions at the time of enumeration. Such persons are classified as "patients or inmates" of an institution regardless of the availability of nursing or medical care, the length of stay, or the number of persons in the institution. Generally, institutionalized persons are restricted to the institutional buildings and grounds (or must have passes or escorts to leave) and thus have limited interaction with the surrounding community. Also, they are generally under the care of trained staff who have responsibility for their safekeeping and supervision.

**TYPE OF INSTITUTION**-The type of institution was determined as part of census enumeration activities. For institutions which specialize in only one specific type of service, all patients or inmates were given the same classification. For institutions which had multiple types of major services (usually general hospitals and Veterans' Administration hospitals), patients were classified according to selected types of wards. For example, in psychiatric wards of hospitals, patients were classified in "mental (psychiatric) hospitals"; in hospital wards for persons with chronic diseases, patients were classified in "hospitals for the chronically ill." Each patient or inmate was classified in only one type of institution. Institutions include the following types:

**CORRECTIONAL INSTITUTIONS**-Includes prisons, Federal detention centers, military stockades and jails, police lockups, halfway houses, local jails, and other confinement facilities, including work farms.

**PRISONS**-Where persons convicted of crimes serve their sentences. In some census products, the prisons are classified by two types of control: (1) "Federal" (operated by the Bureau of Prisons of the Department of Justice) and (2) "State." Residents who are criminally insane were

classified on the basis of where they resided at the time of enumeration: (1) in institutions (or hospital wards) operated by departments of correction or similar agencies; or (2) in institutions operated by departments of mental health or similar agencies.

FEDERAL DETENTION CENTERS-Operated by the Immigration and Naturalization Service (INS) and the Bureau of Prisons. These facilities include detention centers used by the Park Police; Bureau of Indian Affairs Detention Centers; INS Centers, such as the INS Federal Alien Detention Facility; INS Processing Centers; and INS Contract Detention Centers used to detain aliens under exclusion or deportation proceedings, as well as those aliens who have not been placed into proceedings, such as custodial required departures; and INS Detention Centers operated within local jails, and State and Federal prisons.

MILITARY STOCKADES, JAILS-Operated by military police and used to hold persons awaiting trial or convicted of violating military laws.

LOCAL JAILS AND OTHER CONFINEMENT FACILITIES-Includes facilities operated by counties and cities that primarily hold persons beyond arraignment, usually for more than 48 hours. Also included in this category are work farms used to hold persons awaiting trial or serving time on relatively short sentences and jails run by private businesses under contract for local governments (but not by State governments).

POLICE LOCKUPS-Temporary-holding facilities operated by county and city police that hold persons for 48 hours or less only if they have not been formally charged in court.

HALFWAY HOUSES-Operated for correctional purposes and include probation and restitution centers, pre-release centers, and community-residential centers.

OTHER TYPES OF CORRECTIONAL INSTITUTIONS-Privately operated correctional facilities and correctional facilities specifically for alcohol/drug abuse.

NURSING HOMES-Comprises a heterogeneous group of places. The majority of patients are elderly, although persons who require nursing care because of chronic physical conditions may be found in these homes regardless of their age. Included in this category are skilled-nursing facilities, intermediate-care facilities, long-term care rooms in wards or buildings on the grounds of hospitals, or long-term care rooms/nursing wings in congregate housing facilities. Also included are nursing,

convalescent, and rest homes, such as soldiers', sailors', veterans', and fraternal or religious homes for the aged, with or without nursing care. In some census products, nursing homes are classified by type of ownership as "Federal," "State," "Private not-for-profit," and "Private for profit."

MENTAL (PSYCHIATRIC) HOSPITALS-Includes hospitals or wards for the criminally insane not operated by a prison, and psychiatric wards of general hospitals and veterans' hospitals. Patients receive supervised medical/nursing care from formally-trained staff. In some census products, mental hospitals are classified by type of ownership as "Federal," "State or local," "Private," and "Ownership not known."

HOSPITALS FOR CHRONICALLY ILL-Includes hospitals for patients who require long-term care, including those in military hospitals and wards for the chronically ill located on military bases, or other hospitals or wards for the chronically ill, which include tuberculosis hospitals or wards, wards in general and Veterans' Administration hospitals for the chronically ill, neurological wards, hospices, wards for patients with Hansen's Disease (leprosy) and other incurable diseases, and other unspecified wards for the chronically ill. Patients who had no usual home elsewhere were enumerated as part of the institutional population in the wards of general and military hospitals. Most hospital patients are at the hospital temporarily and were enumerated at their usual place of residence. (For more information see "Wards in General and Military Hospitals for Patients Who Have No Usual Home Elsewhere.")

SCHOOLS, HOSPITALS, OR WARDS FOR THE MENTALLY RETARDED-Includes those institutions such as wards in hospitals for the mentally retarded and intermediate-care facilities for the mentally retarded that provide supervised medical/nursing care from formally-trained staff. In some census products, this category is classified by type of ownership as "Federal," "State or local," "Private," and "Ownership not known."

SCHOOLS, HOSPITALS, OR WARDS FOR THE PHYSICALLY HANDICAPPED-Includes three types of institutions: institutions for the blind, those for the deaf, and orthopedic wards and institutions for the physically handicapped. Institutions for persons with speech problems are classified with "institutions for the deaf." The category "orthopedic wards and institutions for the physically handicapped" includes those institutions providing relatively long-term care to accident victims, and to persons with polio, cerebral palsy, and muscular dystrophy. In some census products, this category is classified by type of ownership as "Public," "Private," and "Ownership not known."

HOSPITALS, AND WARDS FOR DRUG/ALCOHOL ABUSE-Includes hospitals, and hospital wards in psychiatric and general hospitals. These facilities are equipped medically and designed for the diagnosis and treatment of medical or psychiatric illnesses associated with alcohol or drug abuse. Patients receive supervised medical care from formally-trained staff.

WARDS IN GENERAL AND MILITARY HOSPITALS FOR PATIENTS WHO HAVE NO USUAL HOME ELSEWHERE-Includes maternity, neonatal, pediatric (including wards for boarder babies), military, and surgical wards of hospitals, and wards for persons with infectious diseases.

JUVENILE INSTITUTIONS-Includes homes, schools, and other institutions providing care for children (short- or long-term care). Juvenile institutions include the following types:

HOMES FOR ABUSED, DEPENDENT, AND NEGLECTED CHILDREN-Includes orphanages and other institutions which provide long-term care (usually more than 30 days) for children. This category is classified in some census products by type of ownership as "Public" and "Private."

RESIDENTIAL TREATMENT CENTERS-Includes those institutions which primarily serve children who, by clinical diagnosis, are moderately or seriously disturbed emotionally. Also, these institutions provide long-term treatment services, usually supervised or directed by a psychiatrist.

TRAINING SCHOOLS FOR JUVENILE DELINQUENTS-Includes residential training schools or homes, and industrial schools, camps, or farms for juvenile delinquents.

PUBLIC TRAINING SCHOOLS FOR JUVENILE DELINQUENTS-Usually operated by a State agency (for example, department of welfare, corrections, or a youth authority). Some are operated by county and city governments. These public training schools are specialized institutions serving delinquent children, generally between the ages of 10 and 17 years old, all of whom are committed by the courts.

PRIVATE TRAINING SCHOOLS-Operated under private auspices. Some of the children they serve are committed by the courts as delinquents. Others are referred by parents or social agencies because of delinquent behavior. One difference between private and public training schools is that, by their administrative policy, private schools have control over their selection and intake.

DETENTION CENTERS-Includes institutions providing short-term care (usually 30 days or less) primarily for delinquent

children pending disposition of their cases by a court. This category also covers diagnostic centers. In practice, such institutions may be caring for both delinquent and neglected children pending court disposition.

OTHER PERSONS IN GROUP QUARTERS (ALSO REFERRED TO AS "NONINSTITUTIONAL GROUP QUARTERS")-Includes all persons who live in group quarters other than institutions. Persons who live in the following living quarters are classified as "other persons in group quarters" when there are 10 or more unrelated persons living in the unit; otherwise, these living quarters are classified as housing units.

ROOMING HOUSES-Includes persons residing in rooming and boarding houses and living in quarters with 10 or more unrelated persons.

GROUP HOMES-Includes "community-based homes" that provide care and supportive services. Such places include homes for the mentally ill, mentally retarded, and physically handicapped; drug/alcohol halfway houses; communes; and maternity homes for unwed mothers.

HOMES FOR THE MENTALLY ILL-Includes community-based homes that provide care primarily for the mentally ill. In some data products, this category is classified by type of ownership as "Federal," "State," "Private," and "Ownership not known." Homes which combine treatment of the physically handicapped with treatment of the mentally ill are counted as homes for the mentally ill.

HOMES FOR THE MENTALLY RETARDED-Includes community-based homes that provide care primarily for the mentally retarded. Homes which combine treatment of the physically handicapped with treatment of the mentally retarded are counted as homes for the mentally retarded. This category is classified by type of ownership in some census products, as "Federal," "State," "Private," or "Ownership not known."

HOMES FOR THE PHYSICALLY HANDICAPPED-Includes community-based homes for the blind for the deaf, and other community-based homes for the physically handicapped. Persons with speech problems are classified with homes for the deaf. In some census products, this category is classified by type of ownership as "Public," "Private," or "Ownership not known."

HOMES FOR HALFWAY HOUSES FOR DRUG/ALCOHOL ABUSE-Includes persons with no usual home elsewhere in places that provide community-based care and supportive services to persons suffering from a drug/alcohol addiction and to recovering alcoholics and drug abusers. Places providing community-based care for drug and alcohol abusers include group homes, detoxification centers, quarterway houses (residential

treatment facilities that work closely with accredited hospitals), halfway houses, and recovery homes for ambulatory, mentally competent recovering alcoholics and drug abusers who may be re-entering the work force.

MATERNITY HOMES FOR UNWED MOTHERS-Includes persons with no usual home elsewhere in places that provide domestic care for unwed mothers and their children. These homes may provide social services and post-natal care within the facility, or may make arrangements for women to receive such services in the community. Nursing services are usually available in the facility.

OTHER GROUP HOMES-Includes persons with no usual home elsewhere in communes, foster care homes, and job corps centers with 10 or more unrelated persons. These types of places provide communal living quarters, generally for persons who have formed their own community in which they have common interests and often share or own property jointly.

RELIGIOUS GROUP QUARTERS-Includes, primarily, group quarters for nuns teaching in parochial schools and for priests living in rectories. It also includes other convents and monasteries, except those associated with a general hospital or an institution.

COLLEGE QUARTERS OFF CAMPUS-Includes privately-owned rooming and boarding houses off campus, if the place is reserved exclusively for occupancy by college students and if there are 10 or more unrelated persons. In census products, persons in this category are classified as living in a college dormitory.

Persons residing in certain other types of living arrangements are classified as living in "noninstitutional group quarters" regardless of the number of people sharing the unit. These include persons residing in the following types of group quarters:

COLLEGE DORMITORIES-Includes college students in dormitories (provided the dormitory is restricted to students who do not have their families living with them), fraternity and sorority houses, and on-campus residential quarters used exclusively for those in religious orders who are attending college. Students in privately-owned rooming and boarding houses off campus are also included, if the place is reserved exclusively for occupancy by college-level students and if there are 10 or more unrelated persons.

MILITARY QUARTERS-Includes military personnel living in barracks and dormitories on base, in transient quarters on base for temporary residents (both civilian and military), and on military ships. However, patients in military hospitals

receiving treatment for chronic diseases or who had no usual home elsewhere, and persons being held in military stockades were included as part of the institutional population.

AGRICULTURE WORKERS' DORMITORIES-Includes persons in migratory farm workers' camps on farms, bunkhouses for ranch hands, and other dormitories on farms, such as those on "tree farms."

OTHER WORKERS' DORMITORIES-Includes persons in logging camps, construction workers' camps, firehouse dormitories, job-training camps, energy enclaves (Alaska only), and nonfarm migratory workers' camps (for example, workers in mineral and mining camps).

EMERGENCY SHELTERS FOR HOMELESS PERSONS (WITH SLEEPING FACILITIES) AND VISIBLE IN STREET LOCATIONS-Includes persons enumerated during the "Shelter-and-Street-Night" operation primarily on March 20-21, 1990. Enumerators were instructed not to ask if a person was "homeless." If a person was at one of the locations below on March 20-21, the person was counted as described below. (For more information on the "Shelter-and-Street-Night" operation, see Appendix D, Collection and Processing Procedures.) This category is divided into four classifications:

EMERGENCY SHELTERS FOR HOMELESS PERSONS (WITH SLEEPING FACILITIES)-Includes persons who stayed overnight on March 20, 1990, in permanent and temporary emergency housing, missions, hotels/motels, and flophouses charging \$12 or less (excluding taxes) per night; Salvation Army shelters, hotels, and motels used entirely for homeless persons regardless of the nightly rate charged; rooms in hotels and motels used partially for the homeless; and similar places known to have persons who have no usual home elsewhere staying overnight. If not shown separately, shelters and group homes that provide temporary sleeping facilities for run-away, neglected, and homeless children are included in this category in data products.

SHELTERS FOR RUNAWAY, NEGLECTED, AND HOMELESS CHILDREN-Includes shelters/group homes which provide temporary sleeping facilities for juveniles.

VISIBLE IN STREET LOCATIONS-Includes street blocks and open public locations designated before March 20, 1990, by city and community officials as places where the homeless congregate at night. All persons found at predesignated street sites from 2 a.m. to 4 a.m. and leaving abandoned or boarded-up buildings from 4 a.m. to 8 a.m. on March 21, 1990, were enumerated during "street" enumeration, except persons in uniform such as police and persons engaged in obvious

money-making activities other than begging or panhandling. Enumerators were instructed not to ask if a person was "homeless."

This cannot be considered a complete count of all persons living on the streets because those who were so well hidden that local people did not know where to find them were likely to have been missed as were persons moving about or in places not identified by local officials. It is also possible that persons with homes could have been included in the count of "visible in street locations" if they were present when the enumerator did the enumeration of a particular block.

Predesignated street sites include street corners, parks, bridges, persons emerging from abandoned and boarded-up buildings, noncommercial campsites (tent cities), all-night movie theaters, all-night restaurants, emergency hospital waiting rooms, train stations, airports, bus depots, and subway stations.

SHELTERS FOR ABUSED WOMEN (SHELTERS AGAINST DOMESTIC VIOLENCE OR FAMILY CRISIS CENTERS)-Includes community-based homes or shelters that provide domiciliary care for women who have sought shelter from family violence and who may have been physically abused. Most shelters also provide care for children of abused women. These shelters may provide social services, meals, psychiatric treatment, and counseling. In some census products, "shelters for abused women" are included in the category "other noninstitutional group quarters."

DORMITORIES FOR NURSES AND INTERNS IN GENERAL AND MILITARY HOSPITALS-Includes group quarters for nurses and other staff members. It excludes patients.

CREWS OF MARITIME VESSELS-Includes officers, crew members, and passengers of maritime U.S. flag vessels. All ocean-going and Great Lakes ships are included.

STAFF RESIDENTS OF INSTITUTIONS-Includes staff residing in group quarters on institutional grounds who provide formally-authorized supervised care or custody for the institutionalized population.

OTHER NONHOUSEHOLD LIVING SITUATIONS-Includes persons with no usual home elsewhere enumerated during transient or "T-Night" enumeration at YMCA'S, YWCA'S, youth hostels, commercial and government-run campgrounds, campgrounds at racetracks, fairs, and carnivals, and similar transient sites.

LIVING QUARTERS FOR VICTIMS OF NATURAL DISASTERS-Includes living quarters for persons temporarily displaced by natural disasters.

LIMITATION OF THE DATA-Two types of errors can occur in the



classification of "types of group quarters":

1. MISCLASSIFICATION OF GROUP QUARTERS-During the 1990 Special Place Prelist operation, the enumerator determined the type of group quarters associated with each special place in their assignment. The enumerator used the Alphabetical Group Quarters Code List and Index to the Alphabetical Group Quarters Code List to assign a two-digit code number followed by either an "I," for institutional, or an "N," for noninstitutional to each group quarters. In 1990, unacceptable group quarter codes were edited. (For more information on editing of unacceptable data, see Appendix C, Accuracy of the Data.)
2. NO CLASSIFICATION (UNKNOWN)-The imputation rate for type of institution was higher in 1980 (23.5 percent) than in 1970 (3.3 percent). Improvements were made to the 1990 Alphabetical Group Quarters Code List; that is, the inclusion of more group quarters categories and an "Index to the Alphabetical Group Quarters Code List." (For more information on the allocation rates for Type of Institution, see the allocation rates in 1990 CP-1, GENERAL POPULATION CHARACTERISTICS.)

In previous censuses, allocation rates for demographic characteristics (such as age, sex, race, and marital status) of the institutional population were similar to those for the total population. The allocation rates for sample characteristics such as school enrollment, highest grade completed, income, and veteran status for the institutional and noninstitutional group quarters population have been substantially higher than the population in households at least as far back as the 1960 census. The data, however, have historically presented a reasonable picture of the institutional and noninstitutional group quarters population.

SHELTER AND STREET NIGHT (S-NIGHT)-For the 1990 census "Shelter-and-Street-Night" operation, persons well hidden, moving about, or in locations enumerators did not visit were likely to be missed. The number of people missed will never be known; thus, the 1990 census cannot be considered to include a definitive count of America's total homeless population. It does, however, give an idea of relative differences among areas of the country. Other components were counted as part of regular census procedures.

The count of persons in shelters and visible on the street could have been affected by many factors. How much the factors affected the count can never be answered definitively, but some elements include:

1. How well enumerators were trained and how well they followed procedures.
2. How well the list of shelter and street locations given to the Census Bureau by the local government reflected the actual

places that homeless persons stay at night.

3. Cities were encouraged to open temporary shelters for census night, and many did that and actively encouraged people to enter the shelters. Thus, people who may have been on the street otherwise were in shelters the night of March 20, so that the ratio of shelter-to-street population could be different than usual.
4. The weather, which was unusually cold in some parts of the country, could affect how likely people were to seek emergency shelter or to be more hidden than usual if they stayed outdoors.
5. The media occasionally interfered with the ability to do the count.
6. How homeless people perceived the census and whether they wanted to be counted or feared the census and hid from it.

The Census Bureau conducted two assessments of Shelter and Street Night: (1) the quality of the lists of shelters used for the Shelter-and-Street-Night operation, and (2) how well procedures were followed by census-takers for the street count in parts of five cities (Chicago, Los Angeles, New Orleans, New York, and Phoenix). Information about these two assessments is available from the Chief, Center for Survey Methods Research, Bureau of the Census, Washington, DC 20233.

COMPARABILITY-For the 1990 census, the definition of institutionalized persons was revised so that the definition of "care" only includes persons under organized medical or formally-authorized, supervised care or custody. As a result of this change to the institutional definition, maternity homes are classified as noninstitutional rather than institutional group quarters as in previous censuses. The following types of other group quarters are classified as institutional rather than noninstitutional group quarters: "halfway houses (operated for correctional purposes)" and "wards in general and military hospitals for patients who have no usual home elsewhere," which includes maternity, neonatal, pediatric, military, and surgical wards of hospitals, other-purpose wards of hospitals, and wards for infectious diseases. These changes should not significantly affect the comparability of data with earlier censuses because of the relatively small number of persons involved.

As in 1980, 10 or more unrelated persons living together were classified as living in noninstitutional group quarters. In 1970, the criteria was six or more unrelated persons.

Several changes also have occurred in the identification of specific types of group quarters. For the first time, the 1990 census identifies separately the following types of correctional institutions: persons in halfway houses (operated for correctional purposes), military stockades and jails, and police lockups. In

1990, tuberculosis hospitals or wards are included with hospitals for the chronically ill; in 1980, they were shown separately. For 1990, the noninstitutional group quarters category, "Group homes" is further classified as: group homes for drug/alcohol abuse; maternity homes for unwed mothers), group homes for the mentally ill, group homes for the mentally retarded and group homes for the physically handicapped. Persons living in communes, foster-care homes, and job corps centers are classified with "Other group homes" only if 10 or more unrelated persons share the unit; otherwise, they are classified as housing units.

In 1990, workers' dormitories were classified as group quarters regardless of the number of persons sharing the dorm. In 1980, 10 or more unrelated persons had to share the dorm for it to be classified as a group quarters. In 1960, data on persons in military barracks were shown only for men. In subsequent censuses, they include both men and women.

In 1990 census data products, the phrase "inmates of institutions" was changed to "institutionalized persons." Also, persons living in noninstitutional group quarters were referred to as "other persons in group quarters," and the phrase "staff residents" was used for staff living in institutions.

In 1990, there are additional institutional categories and noninstitutional group quarters categories compared with the 1980 census. The institutional categories added include "hospitals and wards for drug/alcohol abuse" and "military hospitals for the chronically ill." The noninstitutional group quarters categories added include emergency shelters for homeless persons; shelters for runaway, neglected, and homeless children; shelters for abused women; and visible-in-street locations. Each of these noninstitutional group quarters categories was enumerated on March 20-21, 1990, during the "Shelter-and-Street-Night" operation. (For more information on the "Shelter-and-Street-Night" operation, see Appendix D, Collection and Processing Procedures.)

#### HISPANIC ORIGIN

The data on Spanish/Hispanic origin were derived from answers to questionnaire item 7, which was asked of all persons. Persons of Hispanic origin are those who classified themselves in one of the specific Hispanic origin categories listed on the questionnaire- "Mexican," "Puerto Rican," or "Cuban"-as well as those who indicated that they were of "other Spanish/Hispanic" origin. Persons of "Other Spanish/Hispanic" origin are those whose origins are from Spain, the Spanish-speaking countries of Central or South America, or the Dominican Republic, or they are persons of Hispanic origin identifying themselves generally as Spanish, Spanish-American, Hispanic, Hispano, Latino, and so on. Write-in responses to the "other Spanish/Hispanic" category were coded only for sample data.

Origin can be viewed as the ancestry, nationality group, lineage, or country of birth of the person or the person's parents or ancestors before their arrival in the United States. Persons of

Hispanic origin may be of any race.

Some tabulations are shown by the Hispanic origin of the householder. In all cases where households, families, or occupied housing units are classified by Hispanic origin, the Hispanic origin of the householder is used (See the discussion of householder under "Household Type and Relationship.")

During direct interviews conducted by enumerators, if a person could not provide a single origin response, he or she was asked to select, based on self-identification, the group which best described his or her origin or descent. If a person could not provide a single group, the origin of the person's mother was used. If a single group could not be provided for the person's mother, the first origin reported by the person was used.

If any household member failed to respond to the Spanish/Hispanic origin question, a response was assigned by the computer according to the reported entries of other household members by using specific rules of precedence of household relationship. In the processing of sample questionnaires, responses to other questions on the questionnaire, such as ancestry and place of birth, were used to assign an origin before any reference was made to the origin reported by other household members. If an origin was not entered for any household member, an origin was assigned from another household according to the race of the householder. This procedure is a variation of the general imputation process described in Appendix C, Accuracy of the Data.

COMPARABILITY-There may be differences between the total Hispanic origin population based on 100-percent tabulations and sample tabulations. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures for the Spanish/ Hispanic origin item on the sample questionnaires. (For more information on sampling variability and nonsampling error, see Appendix C, Accuracy of the Data.)

The 1990 data on Hispanic origin are generally comparable with those for the 1980 census. However, there are some differences in the format of the Hispanic origin question between the two censuses. For 1990, the word "descent" was deleted from the 1980 wording. In addition, the term "Mexican-Amer." used in 1980 was shortened further to "Mexican-Am." to reduce misreporting (of "American") in this category detected in the 1980 census. Finally, the 1990 question allowed those who reported as "other Spanish/Hispanic" to write in their specific Hispanic origin group.

Misreporting in the "Mexican-Amer." category of the 1980 census item on Spanish/Hispanic origin may affect the comparability of 1980 and 1990 census data for persons of Hispanic origin for certain areas of the country. An evaluation of the 1980 census item on Spanish/Hispanic origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the Midwest Region. Also, results

based on available data suggest that the impact of possible misreporting of Mexican origin in the 1980 census was severe in those portions of the above-mentioned regions where the Hispanic origin population was generally sparse. However, national 1980 census data on the Mexican origin population or total Hispanic origin population at the national level was not seriously affected by the reporting problem. (For a more detailed discussion of the evaluation of the 1980 census Spanish/Hispanic origin item, see the 1980 census Supplementary Reports.)

The 1990 and 1980 census data on the Hispanic population are not directly comparable with 1970 Spanish origin data because of a number of factors: (1) overall improvements in the 1980 and 1990 censuses, (2) better coverage of the population, (3) improved question designs, and (4) an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups.

Specific changes in question design between the 1980 and 1970 censuses included the placement of the category "No, not Spanish/Hispanic" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted because in 1970 some respondents misinterpreted the category, furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish/Hispanic origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population.

#### HOUSEHOLD TYPE AND RELATIONSHIP

##### HOUSEHOLD

A household includes all the persons who occupy a housing unit. A housing unit is a house, an apartment, a mobile home, a group of rooms, or a single room that is occupied (or if vacant, is intended for occupancy) as separate living quarters. Separate living quarters are those in which the occupants live and eat separately from any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements.

In 100-percent tabulations, the count of households or householders always equals the count of occupied housing units. In sample tabulations, the numbers may differ as a result of the weighting process.

PERSONS PER HOUSEHOLD-A measure obtained by dividing the number of persons in households by the number of households (or householders). In cases where persons in households are cross-classified by race or Hispanic origin, persons in the household are classified by the race or Hispanic origin of the householder rather than the race or Hispanic origin of each individual.

## RELATIONSHIP TO HOUSEHOLDER

HOUSEHOLDER-The data on relationship to householder were derived from answers to questionnaire item 2, which was asked of all persons in housing units. One person in each household is designated as the householder. In most cases, this is the person, or one of the persons, in whose name the home is owned, being bought, or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member 15 years old and over could be designated as the householder.

Households are classified by type according to the sex of the householder and the presence of relatives. Two types of householders are distinguished: a family householder and a nonfamily householder. A family householder is a householder living with one or more persons related to him or her by birth, marriage, or adoption. The householder and all persons in the household related to him or her are family members. A nonfamily householder is a householder living alone or with nonrelatives only.

SPOUSE-Includes a person married to and living with a householder. This category includes persons in formal marriages, as well as persons in common-law marriages.

The number of spouses is equal to the number of "married-couple families" or "married-couple households" in 100-percent tabulations. The number of spouses, however, is generally less than half of the number of "married persons with spouse present" in sample tabulations, since more than one married couple can live in a household but only spouses of householders are specifically identified as "spouse." For sample tabulations, the number of "married persons with spouse present" includes married-couple subfamilies and couple families.

CHILD-Includes a son or daughter by birth, a stepchild or adopted child of the householder, regardless of the child's age or marital status. The category excludes sons-in-law, daughters-in-law, and foster children.

NATURAL-BORN OR ADOPTED SON/DAUGHTER-A son or daughter of the householder by birth, regardless of the age of the child. Also, this category includes sons or daughters of the householder by legal adoption, regardless of the age of the child. If the stepson/stepdaughter of the householder has been legally adopted by the householder, the child is still classified as a stepchild.

STEPSON/STEPDAUGHTER-A son or daughter of the householder through marriage but not by birth regardless of the age of the child. If the stepson/stepdaughter of the householder has been legally adopted by the householder, the child is still classified as a stepchild.

OWN CHILD-A never-married child under 18 years who is a son or daughter by birth, a stepchild, or an adopted child of the householder. In certain tabulations, own children are further classified as living with two parents or with one parent only. Own children of the householder living with two parents are by definition found only in married-couple families.

In a subfamily, an "own child" is a never-married child under 18 years of age who is a son, daughter, stepchild, or an adopted child of a mother in a mother-child subfamily, a father in a father-child subfamily, or either spouse in a married-couple subfamily.

"Related children" in a family include own children and all other persons under 18 years of age in the household, regardless of marital status, who are related to the householder, except the spouse of the householder. Foster children are not included since they are not related to the householder.

OTHER RELATIVES-In tabulations, includes any household member related to the householder by birth, marriage, or adoption, but not included specifically in another relationship category. In certain detailed tabulations, the following categories may be shown:

GRANDCHILD-The grandson or granddaughter of the householder.

BROTHER/SISTER-The brother or sister of the householder, including stepbrothers, stepsisters, and brothers and sisters by adoption. Brothers-in-law and sisters-in-law are included in the "Other relative" category on the questionnaire.

PARENT-The father or mother of the householder, including a stepparent or adoptive parent. Fathers-in-law and mothers-in-law are included in the "Other relative" category on the questionnaire.

OTHER RELATIVES-Anyone not listed in a reported category above who is related to the householder by birth, marriage, or adoption (brother-in-law, grandparent, nephew, aunt, mother-in-law, daughter-in-law, cousin, and so forth).

NONRELATIVES-Includes any household member, including foster children not related to the householder by birth, marriage, or adoption. The following categories may be presented in more detailed tabulations:

ROOMER, BOARDER, OR FOSTER CHILD-Roomer, boarder, lodger, and foster children or foster adults of the householder.

HOUSEMATE OR ROOMMATE-A person who is not related to the householder and who shares living quarters primarily in order to share expenses.

UNMARRIED PARTNER-A person who is not related to the householder, who shares living quarters, and who has a close personal relationship with the householder.

OTHER NONRELATIVES-A person who is not related by birth, marriage, or adoption to the householder and who is not described by the categories given above.

When relationship is not reported for an individual, it is imputed according to the responses for age, sex, and marital status for that person while maintaining consistency with responses for other individuals in the household. (For more information on imputation, see Appendix C, Accuracy of the Data.)

#### UNRELATED INDIVIDUAL

An unrelated individual is: (1) a householder living alone or with nonrelatives only, (2) a household member who is not related to the householder, or (3) a person living in group quarters who is not an inmate of an institution.

#### FAMILY TYPE

A family consists of a householder and one or more other persons living in the same household who are related to the householder by birth, marriage, or adoption. All persons in a household who are related to the householder are regarded as members of his or her family. A household can contain only one family for purposes of census tabulations. Not all households contain families since a household may comprise a group of unrelated persons or one person living alone.

Families are classified by type as either a "married-couple family" or "other family" according to the sex of the householder and the presence of relatives. The data on family type are based on answers to questions on sex and relationship which were asked on a 100-percent basis.

MARRIED-COUPLE FAMILY-A family in which the householder and his or her spouse are enumerated as members of the same household.

#### OTHER FAMILY:

MALE HOUSEHOLDER, NO WIFE PRESENT-A family with a male householder and no spouse of householder present.

FEMALE HOUSEHOLDER, NO HUSBAND PRESENT-A family with a female householder and no spouse of householder present.

PERSONS PER FAMILY-A measure obtained by dividing the number of persons in families by the total number of families (or family



householders). In cases where the measure, "persons in family" or "persons per family" are cross-tabulated by race or Hispanic origin, the race or Hispanic origin refers to the householder rather than the race or Hispanic origin of each individual.

#### SUBFAMILY

A subfamily is a married couple (husband and wife enumerated as members of the same household with or without never-married children under 18 years old, or one parent with one or more never-married children under 18 years old, living in a household and related to, but not including, either the householder or the householder's spouse. The number of subfamilies is not included in the count of families, since subfamily members are counted as part of the householders family.

Subfamilies are defined during processing of sample data. In selected tabulations, subfamilies are further classified by type: married-couple subfamilies, with or without own children; mother-child subfamilies; and father-child subfamilies.

Lone parents include people maintaining either one-parent families or one-parent subfamilies. Married couples include husbands and wives in both married-couple families and married-couple subfamilies.

#### UNMARRIED-PARTNER HOUSEHOLD

An unmarried-partner household is a household other than a "married-couple household" that includes a householder and an "unmarried partner." An "unmarried partner" can be of the same sex or of the opposite sex of the householder. An "unmarried partner" in an "unmarried-partner householder" is an adult who is unrelated to the householder, but shares living quarters and has a close personal relationship with the householder.

#### UNMARRIED-COUPLE HOUSEHOLD

An unmarried-couple household is composed of two unrelated adults of the opposite sex (one of whom is the householder who share a housing unit with or without the presence of children under 15 years old.

#### FOSTER CHILDREN

Foster children are nonrelatives of the householder and are included in the category, "Roomer, boarder, or foster child" on the questionnaire. Foster children are identified as persons under 18 years old and living in households that have no nonrelatives 18 years old and over (who might be parents of the nonrelatives under 18 years old).

#### STEPFAMILY

A stepfamily is a "married-couple family" with at least one stepchild of the householder present, where the householder is the husband.

Comparability-The 1990 definition of a household is the same as that used in 1980. The 1980 relationship category "Son/daughter" has been replaced by two categories, "Natural-born or adopted son/daughter" and "Stepson/stepdaughter." "Grandchild" has been added as a separate category. The 1980 nonrelative categories: "Roomer, boarder" and "Partner, roommate" have been replaced by the categories "Roomer, boarder, or foster child," "Housemate, roommate," and "Unmarried partner." The 1980 nonrelative category "Paid employee" has been dropped.

#### INCOME IN 1989

The data on income in 1989 were derived from answers to questionnaire items 32 and 33. Information on money income received in the calendar year 1989 was requested from persons 15 years old and over. "Total income" is the algebraic sum of the amounts reported separately for wage or salary income; net nonfarm self-employment income; net farm self-employment income; interest dividend or net rental or royalty income; Social Security or railroad retirement income; public assistance or welfare income; retirement or disability income; and all other income. "Earnings" is defined as the algebraic sum of wage or salary income and net income from farm and nonfarm self-employment. "Earnings" represent the amount of income received regularly before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources are not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer contributions for persons, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

#### INCOME TYPE IN 1989

The eight types of income reported in the census are defined as follows:

1. WAGE OR SALARY INCOME-Includes total money earnings received for work performed as an employee during the calendar year 1989. It includes wages, salary, Armed Forces pay, commissions, tips, piece-rate payments, and cash bonuses earned before deductions were made for taxes, bonds, pensions, union dues, etc.

2. NONFARM SELF-EMPLOYMENT INCOME-Includes net money income (gross receipts minus expenses) from one's own business, professional enterprise, or partnership. Gross receipts include the value of all goods sold and services rendered. Expenses includes costs of goods purchased, rent, heat, light, power, depreciation charges, wages and salaries paid, business taxes (not personal income taxes), etc.
3. FARM SELF-EMPLOYMENT INCOME-Includes net money income (gross receipts minus operating expenses) from the operation of a farm by a person on his or her own account, as an owner, renter, or sharecropper. Gross receipts include the value of all products sold, government farm programs, money received from the rental of farm equipment to others, and incidental receipts from the sale of wood, sand, gravel, etc. Operating expenses include cost of feed, fertilizer, seed, and other farming supplies, cash wages paid to farmhands, depreciation charges, cash rent, interest on farm mortgages, farm building repairs, farm taxes (not State and Federal personal income taxes), etc. The value of fuel, food, or other farm products used for family living is not included as part of net income.
4. INTEREST, DIVIDEND, OR NET RENTAL INCOME-Includes interest on savings or bonds, dividends from stockholdings or membership in associations, net income from rental of property to others and receipts from boarders or lodgers, net royalties, and periodic payments from an estate or trust fund.
5. SOCIAL SECURITY INCOME-Includes Social Security pensions and survivors benefits and permanent disability insurance payments made by the Social Security Administration prior to deductions for medical insurance, and railroad retirement insurance checks from the U.S. Government. Medicare reimbursements are not included.
6. PUBLIC ASSISTANCE Income-Includes: (1) supplementary security income payments made by Federal or State welfare agencies to low income persons who are aged (65 years old or over), blind, or disabled; (2) aid to families with dependent children, and (3) general assistance. Separate payments received for hospital or other medical care (vendor payments) are excluded from this item.
7. RETIREMENT OR DISABILITY INCOME-Includes: (1) retirement pensions and survivor benefits from a former employer, labor union, or Federal, State, county, or other governmental agency; (2) disability income from sources such as worker's compensation; companies or unions; Federal, State, or local government; and the U.S. military; (3) periodic receipts from annuities and insurance; and (4) regular income from IRA and KEOGH plans.

8. ALL OTHER INCOME-Includes unemployment compensation, Veterans Administration (VA) payments, alimony and child support, contributions received periodically from persons not living in the household, military family allotments, net gambling winnings, and other kinds of periodic income other than earnings.

INCOME OF HOUSEHOLDS-Includes the income of the householder and all other persons 15 years old and over in the household, whether related to the householder or not. Because many households consist of only one person, average household income is usually less than average family income.

INCOME OF FAMILIES AND PERSONS-In compiling statistics on family income, the incomes of all members 15 years old and over in each family are summed and treated as a single amount. However, for persons 15 years old and over, the total amounts of their own incomes are used. Although the income statistics covered the calendar year 1989, the characteristics of persons and the composition of families refer to the time of enumeration (April 1990). Thus, the income of the family does not include amounts received by persons who were members of the family during all or part of the calendar year 1989 if these persons no longer resided with the family at the time of enumeration. Yet, family income amounts reported by related persons who did not reside with the family during 1989 but who were members of the family at the time of enumeration are included. However, the composition of most families was the same during 1989 as in April 1990.

MEDIAN INCOME-The median divides the income distribution into two equal parts, one having incomes above the median and the other having incomes below the median. For households and families, the median income is based on the distribution of the total number of units including those with no income. The median for persons is based on persons with income. The median income values for all households, families, and persons are computed on the basis of more detailed income intervals than shown in most tabulations. Median household or family income figures of \$50,000 or less are calculated using linear interpolation. For persons, corresponding median values of \$40,000 or less are also computed using linear interpolation. All other median income amounts are derived through Pareto interpolation. (For more information on medians and interpolation, see the discussion under "Derived Measures.")

MEAN INCOME-This is the amount obtained by dividing the total income of a particular statistical universe by the number of units in that universe. Thus, mean household income is obtained by dividing total household income by the total number of households. For the various types of income the means are based on households having those types of income. "Per capita income" is the mean income computed for every man, woman, and child in a particular group. It is derived by

dividing the total income of a particular group by the total population in that group.

Care should be exercised in using and interpreting mean income values for small subgroups of the population. Because the mean is influenced strongly by extreme values in the distribution, it is especially susceptible to the effects of sampling variability, misreporting, and processing errors. The median, which is not affected by extreme values, is, therefore, a better measure than the mean when the population base is small. The mean, nevertheless, is shown in some data products for most small subgroups because, when weighted according to the number of cases, the means can be added to obtained summary measures for areas and groups other than those shown in census tabulations.

**LIMITATION OF THE DATA**-Since questionnaire entries for income frequently are based on memory and not on records, many persons tended to forget minor or irregular sources of income and, therefore, underreport their income. Underreporting tends to be more pronounced for income sources that are not derived from earnings, such as Social Security, public assistance, or from interest, dividends, and net rental income.

There are errors of reporting due to the misunderstanding of the income questions such as reporting gross rather than net dollar amounts for the two questions on net self-employment income, which resulted in an overstatement of these items. Another common error is the reporting of identical dollar amounts in two of the eight type of income items where a respondent with only one source of income assumed that the second amount should be entered to represent total income. Such instances of overreporting had an impact on the level of mean nonfarm or farm self-employment income and mean total income published for the various geographical subdivisions of the State.

Extensive computer editing procedures were instituted in the data processing operation to reduce some of these reporting errors and to improve the accuracy of the income data. These procedures corrected various reporting deficiencies and improved the consistency of reported income items associated with work experience and information on occupation and class of worker. For example, if persons reported they were self-employed on their own farm, not incorporated, but had reported wage and salary earnings only, the latter amount was shifted to net farm self-employment income. Also, if any respondent reported total income only, the amount was generally assigned to one of the type of income items according to responses to the work experience and class-of-worker questions. Another type of problem involved nonreporting of income data. Where income information was not reported, procedures were devised to impute appropriate values with either no income or positive or negative dollar amounts for the missing entries. (For more information on imputation, see Appendix C, Accuracy of the Data.)

In income tabulations for households and families, the lowest income group (e.g., less than \$5,000) includes units that were classified as having no 1989 income. Many of these were living on

income "in kind," savings, or gifts, were newly created families, or families in which the sole breadwinner had recently died or left the household. However, many of the households and families who reported no income probably had some money income which was not recorded in the census.

The income data presented in the tabulations covers money income only. The fact that many farm families receive an important part of their income in the form of "free" housing and goods produced and consumed on the farm rather than in money should be taken into consideration in comparing the income of farm and nonfarm residents. Nonmoney income such as business expense accounts, use of business transportation and facilities, or partial compensation by business for medical and educational expenses was also received by some nonfarm residents. Many low income families also receive income "in kind" from public welfare programs. In comparing income data for 1989 with earlier years, it should be noted that an increase or decrease in money income does not necessarily represent a comparable change in real income, unless adjustments for changes in prices are made.

COMPARABILITY-The income data collected in the 1980 and 1970 censuses are similar to the 1990 census data, but there are variations in the detail of the questions. In 1980, income information for 1979 was collected from persons in approximately 19 percent of all housing units and group quarters. Each person was required to report:

- Wage or salary income
- Net nonfarm self-employment income
- Net farm self-employment income
- Interest, dividend, or net rental or royalty income
- Social Security income
- Public assistance income
- Income from all other sources

Between the 1980 and 1990 censuses, there were minor differences in the processing of the data. In both censuses, all persons with missing values in one or more of the detailed type of income items and total income were designated as allocated. Each missing entry was imputed either as a "no" or as a dollar amount. If total income was reported and one or more of the type of income fields was not answered then the entry in total income generally was assigned to one of the income types according to the socioeconomic characteristics of the income recipient. This person was designated as unallocated.

In 1980 and 1990, all nonrespondents with income not reported (whether heads of households or other persons) were assigned the

reported income of persons with similar characteristics. (For more information on imputation, see Appendix C, "Accuracy of the Data.")

There was a difference in the method of computer derivation of aggregate income from individual amounts between the two census processing operations. In the 1980 census, income amounts less than \$100,000 were coded in tens of dollars, and amounts of \$100,000 or more were coded in thousands of dollars; \$5 was added to each amount coded in tens of dollars and \$500 to each amount coded in thousands of dollars. Entries of \$999,000 or more were treated as \$999,500 and losses of \$9,999 or more were treated as minus \$9,999. In the 1990 census, income amounts less than \$999,999 were keyed in dollars. Amounts of \$999,999 or more were treated as \$999,999 and losses of \$9,999 or more were treated as minus \$9,999 in all of the computer derivations of aggregate income.

In 1970, information on income in 1969 was obtained from all members in every fifth housing unit and small group quarters (less than 15 persons) and every fifth person in all other group quarters. Each person was required to report:

- Wage or salary income
- Net nonfarm self-employment income
- Net farm self-employment income
- Social Security or Railroad Retirement
- Public assistance or welfare payments
- Income from all other sources

If a person reported a dollar amount in wage or salary, net nonfarm self-employment income, or net farm self-employment income, the person was considered as unallocated only if no further dollar amounts were imputed for any additional missing entries.

In 1960, data on income were obtained from all members in every fourth housing unit and from every fourth person 14 years old and over living in group quarters. Each person was required to report wage or salary income, net self-employment income, and income other than earnings received in 1959. An assumption was made in the editing process that no other type of income was received by a person who reported the receipt of either wage and salary income or self-employment but who had failed to report the receipt of other money income.

For several reasons, the income data shown in census tabulations are not directly comparable with those that may be obtained from statistical summaries of income tax returns. Income, as defined for Federal tax purposes, differs somewhat from the Census Bureau concept. Moreover, the coverage of income tax statistics is different because of the exemptions of persons having small amounts of income and the inclusion of net capital gains in tax returns.

Furthermore, members of some families file separate returns and others file joint returns; consequently, the income reporting unit is not consistently either a family or a person.

The earnings data shown in census tabulations are not directly comparable with earnings records of the Social Security Administration. The earnings record data for 1989 excluded the earnings of most civilian government employees, some employees of nonprofit organizations, workers covered by the Railroad Retirement Act, and persons not covered by the program because of insufficient earnings. Furthermore, earnings received from any one employer in excess of \$48,000 in 1989 are not covered by earnings records. Finally, because census data are obtained from household questionnaires, they may differ from Social Security Administration earnings record data, which are based upon employers' reports and the Federal income tax returns of self-employed persons.

The Bureau of Economic Analysis (BEA) of the Department of Commerce publishes annual data on aggregate and per-capita personal income received by the population for States, metropolitan areas, and selected counties. Aggregate income estimates based on the income statistics shown in census products usually would be less than those shown in the BEA income series for several reasons. The Census Bureau data are obtained directly from households, whereas the BEA income series is estimated largely on the basis of data from administrative records of business and governmental sources. Moreover, the definitions of income are different. The BEA income series includes some items not included in the income data shown in census publications, such as income "in kind," income received by nonprofit institutions, the value of services of banks and other financial intermediaries rendered to persons without the assessment of specific charges, Medicare payments, and the income of persons who died or emigrated prior to April 1, 1990. On the other hand, the census income data include contributions for support received from persons not residing in the same household and employer contributions for social insurance.

#### INDUSTRY, OCCUPATION, AND CLASS OF WORKER

The data on industry, occupation, and class of worker were derived from answers to questionnaire items 28, 29, and 30 respectively. These questions were asked of a sample of persons. Information on industry relates to the kind of business conducted by a person's employing organization; occupation describes the kind of work the person does on the job.

For employed persons, the data refer to the person's job during the reference week. For those who worked at two or more jobs, the data refer to the job at which the person worked the greatest number of hours. For unemployed persons, the data refer to their last job. The industry and occupation statistics are derived from the detailed classification systems developed for the 1990 census as described below. The CLASSIFIED INDEX OF INDUSTRIES AND OCCUPATIONS provided additional information on the industry and occupation classification



systems.

Respondents provided the data for the tabulations by writing on the questionnaires descriptions of their industry and occupation. These descriptions were keyed and passed through automated coding software which assigned a portion of the written entries to categories in the classification system. The automated system assigned codes to 59 percent of the industry entries and 38 percent of the occupation entries.

Those cases not coded by the computer were referred to clerical staff in the Census Bureau's Kansas City processing office for coding. The clerical staff converted the written questionnaire descriptions to codes by comparing these descriptions to entries in the ALPHABETICAL INDEX OF INDUSTRIES AND OCCUPATIONS. For the industry code, these coders also referred to an Employer Name List (formerly called Company Name List). This list, prepared from the Standard Statistical Establishment List developed by the Census Bureau for the economic censuses and surveys, contained the names of business establishments and their Standard Industrial Classification (SIC) codes converted to population census equivalents. This list facilitated coding and maintained industrial classification comparability.

#### INDUSTRY

The industry classification system developed for the 1990 census consists of 235 categories for employed persons, classified into 13 major industry groups. Since 1940, the industrial classification has been based on the Standard Industrial Classification Manual (SIC). The 1990 census classification was developed from the 1987 SIC published by the Office of Management and Budget Executive Office of the President.

The SIC was designed primarily to classify establishments by the type of industrial activity in which they were engaged. However, census data, which were collected from households, differ in detail and nature from those obtained from establishment surveys. Therefore, the census classification systems, while defined in SIC terms, cannot reflect the full detail in all categories. There are several levels of industrial classification found in census products. For example, the 1990 CP-2, Social and Economic Characteristics report includes 41 unique industrial categories, while the 1990 Summary Tape File 4 (STF 4) presents 72 categories.

#### OCCUPATION

The occupational classification system developed for the 1990 census consists of 500 specific occupational categories for employed persons arranged into 6 summary and 13 major occupational groups. This classification was developed to be consistent with the Standard Occupational Classification (SOC) Manual: 1980, published by the Office of Federal Statistical Policy and Standards, U.S. Department of Commerce. Tabulations with occupation as the primary

characteristic present several levels of occupational detail. The most detailed tabulations are shown in a special 1990 subject report and tape files on occupation. These products contain all 500 occupational categories plus industry or class of worker subgroupings of occupational categories.

Some occupation groups are related closely to certain industries. Operators of transportation equipment, farm operators and workers, and private household workers account for major portions of their respective industries of transportation, agriculture, and private households. However, the industry categories include persons in other occupations. For example, persons employed in agriculture include truck drivers and bookkeepers; persons employed in the transportation industry include mechanics, freight handlers, and payroll clerks; and persons employed in the private household industry include occupations such as chauffeur, gardener, and secretary.

#### CLASS OF WORKER

The data on class of worker were derived from answers to questionnaire item 30. The information on class of worker refers to the same job as a respondent's industry and occupation and categorizes persons according to the type of ownership of the employing organization. The class of worker categories are defined as follows:

**PRIVATE WAGE AND SALARY WORKERS**-Includes persons who worked for wages, salary, commission, tips, pay-in-kind, or piece rates for a private for profit employer or a private not-for-profit, tax-exempt or charitable organization. Self-employed persons whose business was incorporated are included with private wage and salary workers because they are paid employees of their own companies. Some tabulations present data separately for these subcategories: "For profit," "Not for profit" and "Own business incorporated."

Employees of foreign governments, the United Nations, or other formal international organizations were classified as "Private-not-for-profit."

**GOVERNMENT WORKERS**-Includes persons who were employees of any local, State, or Federal governmental unit, regardless of the activity of the particular agency. For some tabulations, the data were presented separately for the three levels of government.

**SELF-EMPLOYED WORKERS**-Includes persons who worked for profit or fees in their own unincorporated business, profession, or trade, or who operated a farm.

**UNPAID FAMILY WORKERS**-Includes persons who worked 15 hours or more without pay in a business or on a farm operated by a relative.

**SALARIED/SELF-EMPLOYED**-In tabulations that categorize persons as

either salaried or self-employed the salaried category includes private and government wage and salary workers; self-employed includes self-employed persons and unpaid family workers.

The industry category, "Public administration," is limited to regular government functions such as legislative, judicial, administrative, and regulatory activities of governments. Other government organizations such as schools, hospitals, liquor stores, and bus lines are classified by industry according to the activity in which they are engaged. On the other hand, the class of worker government categories include all government workers.

Occasionally respondents supplied industry, occupation, or class of worker descriptions which were not sufficiently specific for precise classification or did not report on these items at all. Some of these cases were corrected through the field editing process and during the coding and tabulation operations. In the coding operation, certain types of incomplete entries were corrected using the ALPHABETICAL INDEX OF INDUSTRIES AND OCCUPATIONS. For example, R was possible in certain situations to assign an industry code based on the occupation reported.

Following the coding operations, there was a computer edit and an allocation process. The edit first determined whether a respondent was in the universe which required an industry and occupation code. The codes for the three items (industry, occupation, and class of worker) were checked to ensure they were valid and were edited for their relation to each other. Invalid and inconsistent codes were either blanked or changed to a consistent code.

If one or more of the three codes were blank after the edit, a code was assigned from a "similar" person based on other items such as age, sex, education, farm or nonfarm residence, and weeks worked. If all the labor force and income data also were blank, all these economic items were assigned from one other person who provided all the necessary data.

COMPARABILITY-Comparability of industry and occupation data was affected by a number of factors, primarily the systems used to classify the questionnaire responses. For both the industry and occupation classification systems, the basic structures were generally the same from 1940 to 1970, but changes in the individual categories limited comparability of the data from one census to another. These changes were needed to recognize the "birth" of new industries and occupations, the "death" of others, and the growth and decline in existing industries and occupations, as well as, the desire of analysts and other users for more detail in the presentation of the data. Probably the greatest cause of incomparability is the movement of a segment of a category to a different category in the next census. Changes in the nature of jobs and respondent terminology, and refinement of category composition made these movements necessary.

In the 1990 census, the industry classification had minor

revisions to reflect recent changes to the SIC. The 1990 occupational classification system is essentially the same as that for the 1980 census. However, the conversion of the census classification to the SOC in 1980 meant that the 1990 classification system was less comparable to the classifications used prior to the 1980 census.

Other factors that affected data comparability included the universe to which the data referred (in 1970, the age cutoff for labor force was changed from 14 years to 16 years); how the industry and occupation questions were worded on the questionnaire (for example, important changes were made in 1970); improvements in the coding procedures (the Employer Name List technique was introduced in 1960); and how the "not reported" cases are handled. Prior to 1970, they were placed in the residual categories, "Industry not reported" and "Occupation not reported" In 1970, an allocation process was introduced that assigned these cases to major groups. In 1990, as in 1980, the "Not reported" cases were assigned to individual categories. Therefore, the 1980 and 1990 data for individual categories included some numbers of persons who were tabulated in a "Not reported" category in previous censuses.

The following publications contain information on the various factors affecting comparability and are particularly useful for understanding differences in the occupation and industry information from earlier censuses: U.S. Bureau of the Census, CHANGES BETWEEN THE 1950 AND 1960 OCCUPATION AND INDUSTRY CLASSIFICATIONS WITH DETAILED ADJUSTMENTS OF 1950 DATA TO THE 1960 CLASSIFICATIONS, Technical Paper No. 18, 1968; U.S. Bureau of the Census, 1970 OCCUPATION AND INDUSTRY CLASSIFICATION SYSTEMS IN TERMS OF THEIR 1960 OCCUPATION AND INDUSTRY ELEMENTS, TECHNICAL PAPER No. 26, 1972; and U.S. Bureau of the Census, THE RELATIONSHIP BETWEEN THE 1970 and 1980 INDUSTRY AND OCCUPATION CLASSIFICATION SYSTEMS, Technical Paper No. 59, 1988. For citations for earlier census years, see the 1980 Census of Population report, PC80-1-D, DETAILED POPULATION CHARACTERISTICS.

The 1990 census introduced an additional class of worker category for "private not-for-profit" employers. This category is a subset of the 1980 category "employee of private employer" so there is no comparable data before 1990. Also in 1990, employees of foreign governments, the United Nations, etc., are classified as "private not-for-profit," rather than Federal Government as in 1970 and 1980, While in theory, there was a change in comparability, in practice, the small number of U.S. residents working for foreign governments made this change negligible.

Comparability between the statistics on industry and occupation from the 1990 census and statistics from other sources is affected by many of the factors described in the section on "Employment Status." These factors are primarily geographic differences between residence and place of work, different dates of reference, and differences in counts because of dual job holding. Industry data from population censuses cover all industries and all kinds of workers, whereas, data from establishments often excluded private household workers,

government workers, and the self-employed. Also, the replies from household respondents may have differed in detail and nature from those obtained from establishments.

Occupation data from the census and data from government licensing agencies, professional associations, trade unions, etc., may not be as comparable as expected. Organizational listings often include persons not in the labor force or persons devoting all or most of their time to another occupation; or the same person may be included in two or more different listings. In addition, relatively few organizations, except for those requiring licensing, attained complete coverage of membership in a particular occupational field.

#### JOURNEY TO WORK

#### PLACE OF WORK

The data on place of work were derived from answers to questionnaire item 22, which was asked of persons who indicated in question 21 that they worked at some time during the reference week. (For more information, see discussion under "Reference Week.")

Data were tabulated for workers 16 years and over; that is, members of the Armed Forces and civilians who were at work during the reference week. Data on place of work refer to the geographic location at which workers carried out their occupational activities during the reference week. The exact address (number and street) of the place of work was asked, as well as the place (city, town, or post office); whether or not the place of work was inside or outside the limits of that city or town; and the county, State, and ZIP Code. If the person's employer operated in more than one location, the exact address of the location or branch where the respondent worked was requested. When the number and street name were unknown, a description of the location, such as the building name or nearest street or intersection, was to be entered.

Persons who worked at more than one location during the reference week were asked to report the one at which they worked the greatest number of hours. Persons who regularly worked in several locations each day during the reference week were requested to give the address at which they began work each day. For cases in which daily work did not begin at a central place each day, the person was asked to provide as much information as possible to describe the area in which he or she worked most during the reference week.

In some tabulations, place-of-work locations may be defined as "in area of residence" and "outside area of residence." The area of residence may vary from table to table or even within a table, and refers to the particular area or areas shown. For example, in a table that provides data for counties, "in area of residence" refers to persons who worked in the same county in which they lived while "outside area of residence" refers to persons whose workplace was located in a county different from the one in which they lived. Similarly, in a table that provides data for several types of areas, such as the State and its individual metropolitan areas (MA's),

counties, and places, the place-of-work data will be variable and is determined by the geographic level (State, MA, county, or place) shown in each section of the tabulation.

In tabulations that present data for States, workplaces for the residents of the State may include, in addition to the State itself, each contiguous State. The category, "in noncontiguous State or abroad" includes persons who worked in a State that did not border their State of residence as well as persons who worked outside the United States.

In tabulations that present data for an MSA/PMSA, place-of-work locations are specified to show the main destinations of workers living in the MSA/PMSA. (For more information on metropolitan areas (MA's), see Appendix A, Area Classifications.) All place-of-work locations are identified with respect to the boundaries of the MSA/PMSA as "inside MSA/PMSA" or "outside MSA/PMSA." Locations within the MSA/PMSA are further divided into each central city, and each county or county balance. Selected large incorporated places also may be specified as places of work.

Within New England MSA/PMSA's, the places of work presented generally are cities and towns. Locations outside the MSA/PMSA are specified if they are important commuting destinations for residents of the MSA/PMSA, and may include adjoining MSA/PMSA's and their central cities, their component counties, large incorporated places, or counties, cities, or other geographic areas outside any MA. In tabulations for MSA/PMSA's in New England; Honolulu, Hawaii; and certain other MA's, some place-of-work locations are identified as "areas" (e.g., Area 1, Area 5, Area 12, etc.). Such areas consist of groups of towns, cities, census designated places (Honolulu MSA only), or counties that have been identified as unique place-of-work destinations. When an adjoining MSA/PMSA or MSA/PMSA remainder is specified as a place-of-work location, its components are not defined. However, the components are presented in the 1990 CP-1, GENERAL POPULATION CHARACTERISTICS FOR METROPOLITAN AREAS and the 1990 CH-1, GENERAL HOUSING CHARACTERISTICS FOR METROPOLITAN AREAS reports. In tabulations that present data for census tracts outside MA's, place-of-work locations are defined as "in county of residence" and "outside county of residence."

In areas where the workplace address was coded to the block level, persons were tabulated as working inside or outside a specific place based on the location of that address, regardless of the response to question 22c concerning city/town limits. In areas where it was impossible to code the workplace address to the block level, persons were tabulated as working in a place if a place name was reported in question 22b and the response to question 22c was either "Yes" or the item was left blank. In selected areas, census designated places (CDP's) may appear in the tabulations as places of work. The accuracy of place-of-work data for CDP's may be affected by the extent to which their census names were familiar to respondents, and by coding problems caused by similarities between the CDP name and the names of other geographic jurisdictions in the same vicinity.

Place-of-work data are given for selected minor civil divisions

(generally, cities, towns, and townships) in the nine Northeastern States, based on the responses to the place-of-work question. Many towns and townships are regarded locally as equivalent to a place and therefore, were reported as the place of work. When a respondent reported a locality or incorporated place that formed a part of a township or town, the coding and tabulating procedure was designed to include the response in the total for the township or town. The accuracy of the place-of-work data for minor civil divisions is greatest for the New England States. However, the data for some New England towns, for towns in New York, and for townships in New Jersey and Pennsylvania may be affected by coding problems that resulted from the unfamiliarity of the respondent with the minor civil division in which the workplace was located or when a township and a city or borough of the same or similar name are located close together.

Place-of-work data may show a few workers who made unlikely daily work trips (e.g, workers who lived in New York and worked in California). This result is attributable to persons who worked during the reference week at a location that was different from their usual place of work, such as persons away from home on business.

COMPARABILITY-The wording of the question on place of work was substantially the same in the 1990 census as it was in 1980. However, data on place of work from the 1990 census are based on the full census sample, while data from the 1980 census were based on only about one-half of the full sample.

For the 1980 census, nonresponse or incomplete responses to the place-of-work question were not allocated, resulting in the use of "not reported" categories in the 1980 publications. However, for the 1990 census, when place of work was not reported or the response was incomplete, a work location was allocated to the person based on their means of transportation to work, travel time to work, industry, and location of residence and workplace of others. The 1990 publications, therefore, do not contain a "not reported" category for the place-of-work data.

Comparisons between 1980 and 1990 census data on the gross number of workers in particular commuting flows, or the total number of persons working in an area, should be made with extreme caution. Any apparent increase in the magnitude of the gross numbers may be due solely to the fact that for 1990 the "not reported" cases have been distributed among specific place-of-work destinations, instead of tallied in a separate category as in 1980. LIMITATION OF THE DATA-The data on place of work relate to a reference week; that is, the calendar week preceding the date on which the respondents completed their questionnaires or were interviewed by enumerators. This week is not the same for all respondents because the enumeration was not completed in 1 week. However, for the majority of persons, the reference week for the 1990 census is the last week in March 1990. The lack of a uniform reference week means that the place-of-work data reported in the census will not exactly match the distribution of workplace locations observed or measured during an actual

workweek.

The place-of-work data are estimates of persons 16 years old and over who were both employed and at work during the reference week (including persons in the Armed Forces). Persons who did not work during the reference week but had jobs or businesses from which they were temporarily absent due to illness, bad weather, industrial dispute, vacation or other personal reasons are not included in the place-of-work data. Therefore, the data on place of work understate the total number of jobs or total employment in a geographic area during the reference week. It also should be noted that persons who had irregular, casual, or unstructured jobs during the reference week may have erroneously reported themselves as not working.

The address where the individual worked most often during the reference week was recorded on the census questionnaire. If a worker held two jobs, only data about the primary job (the one worked the greatest number of hours during the preceding week) was requested. Persons who regularly worked in several locations during the reference week were requested to give the address at which they began work each day. For cases in which daily work was not begun at a central place each day, the person was asked to provide as much information as possible to describe the area in which he or she worked most during the reference week.

#### MEANS OF TRANSPORTATION TO WORK

The data on means of transportation to work were derived from answers to questionnaire item 23a, which was asked of persons who indicated in question 21 that they worked at some time during the reference week. (For more information, see discussion under "Reference Week.") Means of transportation to work refers to the principal mode of travel or type of conveyance that the person usually used to get from home to work during the reference week.

Persons who used different means of transportation on different days of the week were asked to specify the one they used most often, that is, the greatest number of days. Persons who used more than one means of transportation to get to work each day were asked to report the one used for the longest distance during the work trip. The category, "Car, truck, or van," includes workers using a car (including company cars but excluding taxicabs), a truck of one-ton capacity or less, or a van. The category, "Public transportation" includes workers who used a bus or trolley bus, streetcar or trolley car, subway or elevated railroad ferryboat, or taxicab even if each mode is not shown separately in the tabulation. The category, "Other means," includes workers who used a mode of travel which is not identified separately within the data distribution. The category, "Other means," may vary from table to table, depending on the amount of detail shown in a particular distribution.

The means of transportation data for some areas may show workers using modes of public transportation that are not available in those areas (e.g., subway or elevated riders in an MA where there actually is no subway or elevated service). This result is largely due to



persons who worked during the reference week at a location that was different from their usual place of work (such as persons away from home on business in an area where subway service was available) and persons who used more than one means of transportation each day but whose principal means was unavailable where they lived (for example, residents of nonmetropolitan areas who drove to the fringe of an MA and took the commuter railroad most of the distance to work).

#### PRIVATE VEHICLE OCCUPANCY

The data on private vehicle occupancy were derived from answers to questionnaire item 23b. This question was asked of persons who indicated in question 21 that they worked at some time during the reference week and who reported in question 23a that their means of transportation to work was "Car, truck, or van." (For more information, see discussion under "Reference Week.")

Private vehicle occupancy refers to the number of persons who usually rode to work in the vehicle during the reference week. The category, "Drove alone," includes persons who usually drove alone to work as well as persons who were driven to work by someone who then drove back home or to a nonwork destination. The category, "Carpooled," includes workers who reported that two or more persons usually rode to work in the vehicle during the reference week.

PERSONS PER CAR, TRUCK, OR VAN-This is obtained by dividing the number of persons who reported using a car, truck, or van to get to work by the number of such vehicles that they used. The number of vehicles used is derived by counting each person who drove alone as one vehicle, each person who reported being in a two-person carpool as one-half vehicle, each person who reported being in a three-person carpool as one-third vehicle, and so on, and then summing all the vehicles.

#### TIME LEAVING HOME TO GO TO WORK

The data on time leaving home to go to work were derived from answers to questionnaire item 24a. This question was asked of persons who indicated in question 21 that they worked at some time during the reference week and who reported in question 23a that they worked outside their home. The departure time refers to the time of day that the person usually left home to go to work during the reference week. (For more information, see discussion under "Reference Week.")

#### TRAVEL TIME TO WORK

The data on travel time to work were derived from answers to questionnaire item 24b. This question was asked of persons who indicated in question 21 that they worked at some time during the reference week and who reported in question 23a that they worked outside their home. Travel time to work refers to the total number

of minutes that it usually took the person to get from home to work during the reference week, The elapsed time includes time spent waiting for public transportation, picking up passengers in carpools, and time spent in other activities related to getting to work. (For more information, see discussion under "Reference Week.")

#### LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH

##### LANGUAGE SPOKEN AT HOME

Data on language spoken at home were derived from the answers to questionnaire items 15a and 15b, which were asked of a sample of persons born before April 1, 1985. Instructions mailed with the 1990 census questionnaire stated that a respondent should mark "Yes" in question 15a if the person sometimes or always spoke a language other than English at home and should not mark "Yes" if a language was spoken only at school or if speaking was limited to a few expressions or slang. For question 15b, respondents were instructed to print the name of the non-English language spoken at home. If the person spoke more than one language other than English, the person was to report the language spoken more often or the language learned first.

The cover of the census questionnaire included information in Spanish which provided a telephone number for respondents to call to request a census questionnaire and instructions in Spanish. Instruction guides were also available in 32 other languages to assist enumerators who encountered households or respondents who spoke no English.

Questions 15a and 15b referred to languages spoken at home in an effort to measure the current use of languages other than English. Persons who knew languages other than English but did not use them at home or who only used them elsewhere were excluded. Persons who reported speaking a language other than a at English at home may also speak English; however, the questions did not permit determination of the main or dominant language of persons who spoke both English and another language. (For more information, see discussion below on "Ability to Speak English.")

For persons who indicated that they spoke a language other than English at home in question 15a, but failed to specify the name of the language in question 15b, the language was assigned based on the language of other speakers in the household; on the language of a person of the same Spanish origin or detailed race group living in the same or a nearby area; or on a person of the same ancestry or place of birth. In all cases where a person was assigned a non-English language, it was assumed that the language was spoken at home. Persons for whom the name of a language other than English was entered in question 15b, and for whom question 15a was blank were assumed to speak that language at home.

The write-in responses listed in question 15b (specific language spoken) were transcribed onto computer files and coded into more than 380 detailed language categories using an automated coding system. The automated procedure compared write-in responses reported by

respondents with entries in a computer dictionary, which initially contained approximately 2,000 language names. The dictionary was updated with a large number of new names, variations in spelling, and a small number of residual categories. Each write-in response was given a numeric code that was associated with one of the detailed categories in the dictionary. If the respondent listed more than one non-English language, only the first was coded.

The write-in responses represented the names people used for languages they speak. They may not match the names or categories used by linguists. The sets of categories used are sometimes geographic and sometimes linguistic. Figure 1 provides an illustration of the content of the classification schemes used to present language data. For more information, write to the Chief, Population Division, U.S. Bureau of the Census, Washington, DC 20233.

HOUSEHOLD LANGUAGE-In households where one or more persons (age 5 years old or over) speak a language other than English, the household language assigned to all household members is the non-English language spoken by the first person with a non-English language in the following order householder, spouse, parent, sibling, child, grandchild other relative, step-child, unmarried partner, housemate or roommate, roomer, boarder, or foster child, or other nonrelative. Thus, persons who speak only English may have a non-English household language assigned to them in tabulations of persons by household language.

FIGURE 1. FOUR- AND TWENTY-FIVE-GROUP CLASSIFICATIONS OF 1990 CENSUS LANGUAGES SPOKEN AT HOME WITH ILLUSTRATIVE EXAMPLES

| FOUR-GROUP CLASSIFICATION | TWENTY-FIVE-GROUP CLASSIFICATION | EXAMPLES                                      |
|---------------------------|----------------------------------|---|
| Spanish                   | Spanish                          | Spanish, Ladino                               |
| Other indo-European       | French                           | French, Cajun, French Creole                  |
|                           | Italian                          |   |
|                           | Portuguese                       |   |
|                           | German                           |   |
|                           | Yiddish                          |   |
|                           | Other West Germanic              | Afrikaans, Dutch, Pennsylvania Dutch          |
|                           | Scandinavian                     | Danish, Norwegian, Swedish                    |
|                           | Polish                           |   |
|                           | Russian                          |   |
|                           | South Slavic                     | Serbocroatian, Bulgarian, Macedonian, Slovene |

|   |   |  |
|---|---|--|
|   | Other Slavic  | Czech, Slovak,<br>Ukrainian  |
|   | Greek   |  |
|   | Indic   | Hindi, Bengali,<br>Gujarathi, Punjabi,<br>Romany, Sinhalese  |
|   | Other Indo-<br>European, not<br>elsewhere<br>classified | Armenian, Gaelic,<br>Lithuanian, Persia  |
| Languages of<br>Asia and the<br>Pacific | Chinese   |  |
|   | Japanese  |  |
|   | Mon-Khmer   | Cambodian  |
|   | Tagalog   |  |
|   | Korean  |  |
|   | Vietnamese  |  |
|   | Other languages<br>(part)                               | Chamorro, Dravidian<br>languages, Hawaiian<br>Ilocano, Thai,<br>Turkish  |
| All other<br>languages                  | Arabic  |  |
|   | Hungarian   |  |
|   | Native North<br>American languages                      |  |
|   | Other languages<br>(part)                               | Amharic, Syriac,<br>Finnish, Hebrew,<br>languages of<br>Central and South<br>America, Other<br>languages of Africa |

#### ABILITY TO SPEAK ENGLISH

Persons 5 years old and over who reported that they spoke a language other than English in question 15a were also asked in question 15c to indicate their ability to speak English based on one of the following categories: "Very well," "Well," "Not well," or "Not at all."

The data on ability to speak English represent the person's own perception about his or her own ability or, because census questionnaires are usually completed by one household member, the responses may represent the perception of another household member. The instruction guides and questionnaires that were mailed to households did not include any information on how to interpret the response categories in question 15c.

Persons who reported that they spoke a language other than English at home but whose ability to speak English was not reported were assigned the English-language ability of a randomly selected person of the same age, Spanish origin, nativity and year of entry, and language group.

LINGUISTIC ISOLATION-A household in which no person age 14 years or over speaks only English and no person age 14 years or over who speaks a language other than English speaks English "Very well" is classified as "linguistically isolated." All the members of a linguistically isolated household are tabulated as linguistically isolated, including members under age 14 years who may speak only English.

LIMITATION OF THE DATA-Persons who speak a language other than English at home may have first learned that language at school. However, these persons would be expected to indicate that they spoke English "Very well." Persons who speak a language other than English, but do not do so at home, should have been reported as not speaking a language other than English at home.

The extreme detail in which language names were coded may give a false impression of the linguistic precision of these data. The names used by speakers of a language to identify it may reflect ethnic, geographic, or political affiliations and do not necessarily respect linguistic distinctions. The categories shown in the tabulations were chosen on a number of criteria, such as information about the number of speakers of each language that might be expected in a sample of the United States population.

COMPARABILITY-Information on language has been collected in every census since 1890. The comparability of data among censuses is limited by changes in question wording by the subpopulations to whom the question was addressed, and by the detail that was published.

The same question on language was asked in the 1980 and 1990 censuses. This question on the current language spoken at home replaced the questions asked in prior censuses on mother tongue; that is, the language other than English spoken in the person's home when he or she was a child; one's first language; or the language spoken before immigrating to the United States. The censuses of 1910-1940, 1960 and 1970 included questions on mother tongue. A change in coding procedure from 1980 to 1990 should have improved accuracy of coding and may affect the number of persons reported in some of the 380 plus categories. It should not greatly affect the 4-group or 25-group lists. In 1980, coding clerks supplied numeric codes for the written entries on each questionnaire using a 2,000 name reference list. In 1990 written entries were transcribed to a computer file and matched to a computer dictionary which began with the 2,000 name list, but expanded as unmatched names were referred to headquarters specialists for resolution.

The question on ability to speak English was asked for the first time in 1980. In tabulations from 1980, the categories "Very well" and "Well" were combined. Data from other surveys suggested a major difference between the category "Very well" and the remaining categories. In tabulations showing ability to speak English, persons who reported that they spoke English "Very well" are presented separately from persons who reported their ability to speak English

as less than "Very well."

#### MARITAL STATUS

The data on marital status were derived from answers to questionnaire item 6, which was asked of all persons. The marital status classification refers to the status at the time of enumeration. Data on marital status are tabulated only for persons 15 years old and over.

All persons were asked whether they were "now married," "widowed," "divorced," "separated," or "never married." Couples who live together (unmarried persons, persons in common-law marriages) were allowed to report the marital status they considered the most appropriate.

NEVER MARRIED-Includes all persons who have never been married, including persons whose only marriage(s) was annulled.

EVER MARRIED-Includes persons married at the time of enumeration (including those separated), widowed, or divorced.

NOW MARRIED, EXCEPT SEPARATED-Includes persons whose current marriage has not ended through widowhood, divorce, or separation (regardless of previous marital history). The category may also include couples who live together or persons in common-law marriages if they consider this category the most appropriate. In certain tabulations, currently married persons are further classified as "spouse present" or "spouse absent."

SEPARATED-Includes persons legally separated or otherwise absent from their spouse because of marital discord. Included are persons who have been deserted or who have parted because they no longer want to live together but who have not obtained a divorce.

WIDOWED-Includes widows and widowers who have not remarried.

DIVORCED-Includes persons who are legally divorced and who have not remarried.

In selected sample tabulations, data for married and separated persons are reorganized and combined with information on the presence of the spouse in the same household.

NOW MARRIED-All persons whose current marriage has not ended by widowhood or divorce. This category includes persons defined above as "separated."

SPOUSE PRESENT-Married persons whose wife or husband was enumerated as a member of the same household, including those whose spouse may have been temporarily absent for such reasons as travel hospitalization.

SPOUSE ABSENT-Married persons whose wife or husband was not enumerated as a member of the same household. This category also includes all married persons living in group quarters.

SEPARATED-Defined above.

SPOUSE ABSENT, OTHER-Married persons whose wife or husband was not enumerated as a member of the same household excluding separated. Included is any person whose spouse was employed and living away from home or in an institution or absent in the Armed Forces.

Differences between the number of currently married males and the number of currently married females occur because of reporting differences and because some husbands and wives have their usual residence in different areas. In sample tabulations, these differences can also occur because different weights are applied to the individual's data. Any differences between the number of "now married spouse present" males and females are due solely to sample weighting. By definition, the numbers would be the same.

When marital status was not reported, it was imputed according to the relationship to the householder and sex and age of the person. (For more information on imputation, see Appendix C, Accuracy of the Data.)

COMPARABILITY-The 1990 marital status definitions are the same as those used in 1980 with the exception of the term "never married" which replaces the term "single" in tabulations. A general marital status question has been asked in every census since 1880.

#### MOBILITY LIMITATION STATUS

The data on mobility limitation status were derived from answers to questionnaire item 19a, which was asked of a sample of persons 15 years old and over. Persons were identified as having a mobility limitation if they had a health condition that had lasted for 6 or more months and which made it difficult to go outside the home alone. Examples of outside activities on the questionnaire included shopping and visiting the doctor's office.

The term "health conditions" referred to both physical and mental conditions. A temporary health problem, such as a broken bone that was expected to heal normally, was not considered a health condition.

COMPARABILITY-This was the first time that a question on mobility limitation was included in the census.

#### PLACE OF BIRTH

The data on place of birth were derived from answers to questionnaire item 8, which was asked on a sample basis. The place-of-birth question asked respondents to report the U.S. State,

commonwealth or territory, or the foreign county where they were born. Persons born outside the United States were asked to report their place of birth according to current international boundaries. Since numerous changes in boundaries of foreign countries have occurred in the last century, some persons may have reported their place of birth in terms of boundaries that existed at the time of their birth or emigration, or in accordance with their own national preference.

Persons not reporting place of birth were assigned the birthplace of another family member or were allocated the response of another person with similar characteristics. Persons allocated as foreign born were not assigned a specific country of birth but were classified as "Born abroad, country not specified."

NATIVITY-Information on place of birth and citizenship were used to classify the population into two major categories: native and foreign born. When information on place of birth was not reported, nativity was assigned on the basis of answers to citizenship, if reported, and other characteristics.

NATIVE-Includes persons born in the United States, Puerto Rico, or an outlying area of the United States. The small number of persons who were born in a foreign country but have at least one American parent also are included in this category.

The native population is classified in the following groups: persons born in the State in which they resided at the time of the census; persons born in a different State, by region; persons born in Puerto Rico or an outlying area of the U.S.; and persons born abroad with at least one American parent.

FOREIGN BORN-Includes persons not classified as "Native." Prior to the 1970 census, persons not reporting place of birth were generally classified as native.

The foreign-born population is shown by selected area, country, or region of birth: the places of birth shown in data products were selected based on the number of respondents who reported that area or country of birth.

COMPARABILITY-Data on the State of birth of the native population have been collected in each census beginning with that of 1850. Similar data were shown in tabulations for the 1980 census and other recent censuses. Nonresponse was allocated in a similar manner in 1980; however, prior to 1980, nonresponse to the place of birth question was not allocated. Prior to the 1970 census, persons not reporting place of birth were generally classified as native.

The questionnaire instruction to report mother's State of residence instead of the person's actual State of birth (if born in a hospital in a different State) was dropped in 1990. Evaluation studies of 1970 and 1980 census data demonstrated that this instruction was generally either ignored or misunderstood. Since the hospital and the mothers residence is in the same State for most



births, this change may have a slight effect on State of birth data for States with large metropolitan areas that straddle State lines.

#### POVERTY STATUS IN 1989

The data on poverty status were derived from answers to the same questions as the income data, questionnaire items 32 and 33. (For more information, see the discussion under "Income in 1989.") Poverty statistics presented in census publications were based on a definition originated by the Social Security Administration in 1964 and subsequently modified by Federal interagency committees in 1969 and 1980 and prescribed by the Office of Management and Budget in Directive 14 as the standard to be used by Federal agencies for statistical purposes.

At the core of this definition was the 1961 economy food plan, the least costly of four nutritionally adequate food plans designed by the Department of Agriculture. It was determined from the Agriculture Department's 1955 survey of food consumption that families of three or more persons spend approximately one-third of their income on food; hence, the poverty level for these families was set at three times the cost of the economy food plan. For smaller families and persons living alone the cost of the economy food plan was multiplied by factors that were slightly higher to compensate for the relatively larger fixed expenses for these smaller households.

The income cutoffs used by the Census Bureau determine the poverty status of families and unrelated individuals included a set of 48 thresholds arranged in a two-dimensional matrix consisting of family size (from one person to nine or more persons) cross-classified by presence and number of family members under 18 years old (from no children present to eight or more children present). Unrelated individuals and two-person families were further differentiated by age of the householder (under 65 years old and 65 years old and over).

The total income of each family or unrelated individual in the sample was tested against the appropriate poverty threshold to determine the poverty status of that family or unrelated individual. If the total income was less than the corresponding cutoff, the family or unrelated individual was classified as "below the poverty level." The number of persons below the poverty level was the sum of the number of persons in families with incomes below the poverty level and the number of unrelated individuals with incomes below the poverty level.

The poverty thresholds are revised annually to allow for changes in the cost of living as reflected in the Consumer Price Index. The average poverty threshold for a family of four persons was \$12,674 in 1989. (For more information, see table A below.) Poverty thresholds were applied on a national basis and were not adjusted for regional, State or local variations in the cost of living. For a detailed discussion of the poverty definition, see U.S. Bureau of the Census, Current Population Reports, Series P-60, No. 171, POVERTY IN THE UNITED STATES: 1986 AND 1989.

TABLE A. POVERTY THRESHOLDS IN 1989 BY SIZE OF FAMILY AND NUMBER OF RELATED CHILDREN UNDER 18 YEARS

| SIZE OF FAMILY UNIT                | WEIGHTED<br>AVERAGE<br>THRESH-<br>OLDS | RELATED CHILDREN<br>UNDER 18 YEARS |         |         |
|------------------------------------|--|------------------------------------|---------|---------|
|                                    |  | NONE                               | ONE     | TWO     |
| One person (unrelated individual). | \$6,310                                |                                    |         |         |
| Under 65 years.....                | 6,451                                  | \$6,451                            |         |         |
| 65 years and over.....             | 5,947                                  | 5,947                              |         |         |
| Two persons.....                   | 8,076                                  |                                    |         |         |
| Householder under 65 years.....    | 8,343                                  | 8,303                              | \$8,547 |         |
| Householder 65 years and over....  | 7,501                                  | 7,495                              | 8,515   |         |
| Three persons.....                 | 9,885                                  | 9,699                              | 9,981   | \$9,990 |
| Four persons.....                  | 12,674                                 | 12,790                             | 12,999  | 12,575  |
| Five persons.....                  | 14,990                                 | 15,424                             | 15,648  | 15,169  |
| Six persons.....                   | 16,921                                 | 17,740                             | 17,811  | 17,444  |
| Seven persons.....                 | 19,162                                 | 20,412                             | 20,540  | 20,101  |
| Eight persons.....                 | 21,328                                 | 22,830                             | 23,031  | 22,617  |
| Nine or more persons.....          | 25,480                                 | 27,463                             | 27,596  | 27,229  |

| SIZE OF FAMILY UNIT                | WEIGHTED<br>AVERAGE<br>THRESH-<br>OLDS | RELATED CHILDREN<br>UNDER 18 YEARS |          |          |
|------------------------------------|--|------------------------------------|----------|----------|
|                                    |  | THREE                              | FOUR     | FIVE     |
| One person (unrelated individual). | \$6,310                                |                                    |          |          |
| Under 65 years.....                | 6,451                                  |                                    |          |          |
| 65 years and over.....             | 5,947                                  |                                    |          |          |
| Two persons.....                   | 8,076                                  |                                    |          |          |
| Householder under 65 years.....    | 8,343                                  |                                    |          |          |
| Householder 65 years and over....  | 7,501                                  |                                    |          |          |
| Three persons.....                 | 9,885                                  |                                    |          |          |
| Four persons.....                  | 12,674                                 | \$12,619                           |          |          |
| Five persons.....                  | 14,990                                 | 14,798                             | \$14,572 |          |
| Six persons.....                   | 16,921                                 | 17,092                             | 16,569   | \$16,259 |
| Seven persons.....                 | 19,162                                 | 19,794                             | 19,224   | 18,558   |
| Eight persons.....                 | 21,328                                 | 22,253                             | 21,738   | 21,084   |
| Nine or more persons.....          | 25,480                                 | 26,921                             | 26,415   | 25,719   |

| SIZE OF FAMILY UNIT | WEIGHTED<br>AVERAGE<br>THRESH-<br>OLDS | RELATED CHILDREN<br>UNDER 18 YEARS |
|---------------------|--|------------------------------------|
|---------------------|--|------------------------------------|

|  | SIX      | SEVEN    | EIGHT OR MORE |
|--|----------|----------|---------------|
| One person (unrelated individual). \$6,310 |          |          |               |
| Under 65 years..... 6,451                  |          |          |               |
| 65 years and over..... 5,947               |          |          |               |
| Two persons..... 8,076                     |          |          |               |
| Householder under 65 years..... 8,343      |          |          |               |
| Householder 65 years and over.... 7,501    |          |          |               |
| Three persons..... 9,885                   |          |          |               |
| Four persons..... 12,674                   |          |          |               |
| Five persons..... 14,990                   |          |          |               |
| Six persons..... 16,921                    |          |          |               |
| Seven persons..... 19,162                  | \$17,828 |          |               |
| Eight persons..... 21,328                  | 20,403   | \$20,230 |               |
| Nine or more persons..... 25,480           | 25,089   | 24,933   | \$23,973      |

PERSONS FOR WHOM POVERTY STATUS IS DETERMINED-Poverty status was determined for all persons except institutionalized persons, persons in military group quarters and in college dormitories and unrelated individuals under 15 years old. These groups also were excluded from the denominator when calculating poverty rates.

SPECIFIED POVERTY LEVELS-Since the poverty levels currently in use by the Federal Government do not meet all the needs of data users, some of the data are presented for alternate levels. These specified poverty levels are obtained by multiplying the income cutoffs at the poverty level by the appropriate factor. For example, the average income cutoff at 125 percent of poverty level was \$15,843 (\$12,674 x 1.25) in 1989 for a family of four persons.

WEIGHTED AVERAGE THRESHOLDS AT THE POVERTY LEVEL-The average thresholds shown in the first column of table A are weighted by the presence and number of children. For example, the weighted average threshold for a given family size is obtained by multiplying the threshold for each presence and number of children category within the given family size by the number of families in that category. These products are then aggregated across the entire range of presence and number of children categories, and the aggregate is divided by the total number of families in the group to yield the weighted average threshold at the poverty level for that family size.

Since the basic thresholds used to determine the poverty status of families and unrelated individuals are applied to all families and unrelated individuals, the weighted average poverty thresholds are derived using all families and unrelated individuals rather than just those classified as being below the poverty level. To obtain the weighted poverty thresholds for families and unrelated individuals below alternate poverty levels, the weighted thresholds shown in table A may be multiplied directly by the appropriate factor. The

weighted average thresholds presented in the table are based on the March 1990 Current Population Survey. However, these thresholds would not differ significantly from those based on the 1990 census.

**INCOME DEFICIT**-Represents the difference between the total income of families and unrelated individuals below the poverty level and their respective poverty thresholds. In computing the income deficit, families reporting a net income loss are assigned zero dollars and for such cases the deficit is equal to the poverty threshold.

This measure provided an estimate of the amount which would be required to raise the incomes of all poor families and unrelated individuals to their respective poverty thresholds. The income deficit is thus a measure of the degree of impoverishment of a family or unrelated individual. However, caution must be used in comparing the average deficits of families with different characteristics. Apparent differences in average income deficits may, to some extent, be a function of differences in family size.

**MEAN INCOME DEFICIT**-Represents the amount obtained by dividing the total income deficit of a group below the poverty level by the number of families (or unrelated individuals) in that group.

**COMPARABILITY**-The poverty definition used in the 1990 and 1980 censuses differed slightly from the one used in the 1970 census. Three technical modifications were made to the definition used in the 1970 census as described below:

1. The separate thresholds for families with a female householder with no husband present and all other families were eliminated. For the 1980 and 1990 censuses, the weighted average of the poverty thresholds for these two types of families was applied to all types of families, regardless of the sex of the householder.
2. Farm families and farm unrelated individuals no longer had a set of poverty thresholds that were lower than the thresholds applied to nonfarm families and unrelated individuals. The farm thresholds were 85 percent of the corresponding levels for nonfarm families in the 1970 census. The same thresholds were applied to all families and unrelated individuals regardless of residence in 1980 and 1990.
3. The thresholds by size of family were extended from seven or more persons in 1970 to nine or more persons in 1980 and 1990.

These changes resulted in a minimal increase in the number of poor at the national level. For a complete discussion of these modifications and their impact, see the Current Population Reports, Series P-60, No. 133.

The population covered in the poverty statistics derived from

the 1980 and 1990 censuses was essentially the same as in the 1970 census. The only difference was that in 1980 and 1990, unrelated individuals under 15 years old were excluded from the poverty universe, while in 1970, only those under 14 years old were excluded. The poverty data from the 1960 census excluded all persons in group quarters and included all unrelated individuals regardless of age. It was unlikely that these differences in population coverage would have had significant impact when comparing the poverty data for persons since the 1960 censuses.

CURRENT POPULATION SURVEY-Because of differences in the questionnaires and data collection procedures, estimates of the number of persons below the poverty level by various characteristics from the 1990 census may differ from those reported in the March 1990 Current Population Survey.

#### RACE

The data on race were derived from answers to questionnaire item 4, which was asked of all persons. The concept of race as used by the Census Bureau reflects self-identification; it does not denote any clearcut scientific definition of biological stock. The data for race represent self-classification by people according to the race with which they most closely identify. Furthermore, it is recognized that the categories of the race item include both racial and national origin or sociocultural groups.

During direct interviews conducted by enumerators, if a person could not provide a single response to the race question, he or she was asked to select, based on self-identification, the group which best described his or her racial identity. If a person could not provide a single race response, the race of the mother was used. If a single race response could not be provided for the person's mother, the first race reported by the person was used. In all cases where occupied housing units, households, or families are classified by race, the race of the householder was used.

The racial classification used by the Census Bureau generally adheres to the guidelines in Federal Statistical Directive No. 15, issued by the Office of Management and Budget, which provides standards on ethnic and racial categories for statistical reporting to be used by all Federal agencies. The racial categories used in the 1990 census data products are provided below.

WHITE-Includes persons who indicated their race as "White" or reported entries such as Canadian, German, Italian, Lebanese, Near Easterner, Arab, or Polish.

BLACK-Includes persons who indicated their race as "Black or Negro" or reported entries such as African American, Afro-American, Black Puerto Rican, Jamaican, Nigerian, West Indian, or Haitian.

AMERICAN INDIAN, ESKIMO, OR ALEUT-Includes persons who classified

themselves as such in one of the specific race categories identified below.

AMERICAN INDIAN-Includes persons who indicated their race as "American Indian," entered the name of an Indian tribe, or reported such entries as Canadian Indian, French-American Indian, or Spanish-American Indian.

AMERICAN INDIAN TRIBE-Persons who identified themselves as American Indian were asked to report their enrolled or principal tribe. Therefore, tribal data in tabulations reflect the written tribal entries reported on the questionnaires. Some of the entries (for example, Iroquois, Sioux, Colorado River, and Flathead) represent nations or reservations.

Their information on tribe is based on self-identification and therefore does not reflect any designation of Federally- or State-recognized tribe. Information on American Indian tribes is presented in summary tape files and special data products. The information is derived from the American Indian Detailed Tribal Classification List for the 1990 census. The classification list represents all tribes, bands, and clans that had a specified number of American Indians reported on the census questionnaire.

ESKIMO-Includes persons who indicated their race as "Eskimo" or reported entries such as Arctic Slope, Inupiat, and Yupik.

ALEUT-Includes persons who indicated their race as "Aleut" or reported entries such as Alutiiq, Egegik, and Pribilofian.

ASIAN OR PACIFIC ISLANDER-Includes persons who reported in one of the Asian or Pacific Islander groups listed on the questionnaire or who provided write-in responses such as Thai, Nepali, or Tongan. A more detailed listing of the groups comprising the Asian or Pacific Islander population is presented in figure 2 below. In some data products, information is presented separately for the Asian population and the Pacific Islander population.

ASIAN-Includes "Chinese," "Filipino," "Japanese," "Asian Indian," "Korean," "Vietnamese," and "Other Asian." In some tables, "Other Asian" may not be shown separately, but is included in the total Asian population.

CHINESE-Includes persons who indicated their race as "Chinese" or who identified themselves as Cantonese, Tibetan, or Chinese American. In standard census reports, persons who reported as "Taiwanese" or "Formosan" are included here with Chinese. In special reports on the Asian or Pacific Islander population, information on persons who identified themselves as Taiwanese are shown separately.

FILIPINO-Includes persons who indicated their race as "Filipino" or reported entries such as Philipino, Philippine, or Filipino American.

JAPANESE-Includes persons who indicated their race as "Japanese" and persons who identified themselves as Nipponese or Japanese American.

ASIAN INDIAN-Includes persons who indicated their race as "Asian Indian" and persons who identified themselves as Bengalese, Bharat, Dravidian, East Indian, or Goanese.

KOREAN-Includes persons who indicated their race as "Korean" and persons who identified themselves as Korean American.

VIETNAMESE-Includes persons who indicated their race as "Vietnamese" and persons who identified themselves as Vietnamese American.

CAMBODIAN-Includes persons who provided a write-in response such as Cambodian or Cambodia.

HMONG-Includes persons who provided a write-in response such as Hmong, Laohmong, or Mong.

LAOTIAN-Includes persons who provided a write-in response such as Laotian, Laos, or Lao.

THAI-Includes persons who provided a write-in response such as Thai, Thailand, or Siamese.

OTHER ASIAN-Includes persons who provided a write-in response of Bangladeshi, Burmese, Indonesian, Pakistani, Sri Lankan, Amerasian, or Eurasian. See figure 2 for other groups comprising "Other Asian."

PACIFIC ISLANDER-Includes persons who indicated their race as "Pacific Islander" by classifying themselves into one of the following groups or identifying themselves as one of the Pacific Islander cultural groups of Polynesian, Micronesian, or Melanesian.

HAWAIIAN-Includes persons who indicated their race as "Hawaiian" as well as persons who identified themselves as Part Hawaiian or Native Hawaiian.

SAMOAN-Includes persons who indicated their race as "Samoaan" or persons who identified themselves as American Samoaan or Western Samoaan.

GUAMANIAN-Includes persons who indicated their race as

"Guamanian" or persons who identified themselves as Chamorro or Guam.

OTHER PACIFIC ISLANDER-Includes persons who provided a write-in response of a Pacific Islander group such as Tahitian, Northern Mariana Islander, Palauan, Fijian, or a cultural group such as Polynesian, Micronesian, or Melanesian. See figure 2 for other groups comprising "Other Pacific Islander."

OTHER RACE-Includes all other persons not included in the "White," "Black," "American Indian, Eskimo, or Aleut," and the "Asian or Pacific Islander" race categories described above. Persons reporting in the "Other race" category and providing write-in entries such as multiracial, multiethnic, mixed, interracial, Wesort, or a Spanish/Hispanic origin group (such as Mexican, Cuban, or Puerto Rican) are included here.

Written entries to three categories on the race item-"Indian (Amer.)," "Other Asian or Pacific Islander (API)," and "Other race"-were reviewed, edited, and coded by subject matter specialists. (For more information on the coding operation, see the section below that discusses "Comparability.")

The written entries under "Indian (Amer.)" and "Other Asian or Pacific Islander (API)" were reviewed and coded during 100-percent processing of the 1990 census questionnaires. A substantial portion of the entries for the "Other race" category also were reviewed edited, and coded during the 100-percent processing. The remaining entries under "Other race" underwent review and coding during sample processing. Most of the written entries reviewed and coded during sample processing were those indicating Hispanic origin such as Mexican, Cuban, or Puerto Rican.

If the race entry for a member of a household was missing on the questionnaire, race was assigned based upon the reported entries of race by other household members using specific rules of precedence of household relationship. For example, if race was missing for the daughter of the householder, then the race of her mother (as female householder or female spouse) would be assigned. If there was no female householder or spouse in the household, the daughter would be assigned her father's (male householder) race. If race was not reported for anyone in the household, the race of a householder in a previously processed household was assigned. This procedure is a variation of the general imputation procedures described in Appendix C, Accuracy of the Data.

LIMITATION OF THE DATA-In the 1980 census, a relatively high proportion (20 percent) of American Indians did not report any tribal entry in the race item. Evaluation of the pre-census tests indicated that changes made for the 1990 race item should improve the reporting of tribes in the rural areas (especially on reservations) for the 1990 census. The results for urban areas were inconclusive. Also, the precensus tests indicated that there may be overreporting of the Cherokee tribe. An evaluation of 1980 census data showed



overreporting of Cherokee in urban areas or areas where the number of American Indians was sparse.

In the 1990 census, respondents sometimes did not fill in a circle or filled the "Other race" circle and wrote in a response, such as Arab, Polish, or African American in the shared write-in box for "Other race" and "Other API" responses. During the automated coding process, these responses were edited and assigned to the appropriate racial designation. Also, some Hispanic origin persons did not fill in a circle, but provided entries such as Mexican or Puerto Rican. These persons were classified in the "Other race" category during the coding and editing process. There may be some minor differences between sample data and 100-percent data because sample processing included additional edits not included in the 100-percent processing.

FIGURE 2. ASIAN OR PACIFIC ISLANDER GROUPS REPORTED IN THE 1990 CENSUS

| ASIAN                   | PACIFIC ISLANDER                |
|-------------------------|---------------------------------|
| Chinese                 | Hawaiian                        |
| Filipino                | Samoan                          |
| Japanese                | Guamanian                       |
| Asian Indian            | Other Pacific Islander /1       |
| Korean                  | Carolinian                      |
| Vietnamese              | Fijian                          |
| Cambodian               | Kosraean                        |
| Hmong                   | Melanesian /3                   |
| Laotian                 | Micronesian /3                  |
| Thai                    | Northern Mariana Islander       |
| Other Asian /1          | Palauan                         |
| Bangladeshi             | Papua New Guinean               |
| Bhutanese               | Ponapean (Pohnpeian)            |
| Borneo                  | Polynesian /3                   |
| Burmese                 | Solomon Islander                |
| Celebesian              | Tahitian                        |
| Ceram                   | Tarawa Islander                 |
| Indochinese             | Tokelauan                       |
| Indonesian              | Tongan                          |
| Iwo-Jiman               | Trukese (Chuukese)              |
| Javanese                | Yapese                          |
| Malayan                 | Pacific Islander, not specified |
| Maldivian               |                                 |
| Nepali                  |                                 |
| Okinawan                |                                 |
| Pakistani               |                                 |
| Sikkim                  |                                 |
| Singaporean             |                                 |
| Sri Lankan              |                                 |
| Sumatran                |                                 |
| Asian, not specified /2 |                                 |

- 
- /1 In some data products, specific groups listed under "Other Asian" or "Other Pacific Islander" are shown separately. Groups not shown are tabulated as "All other Asian" or "All other Pacific Islander," respectively.
  - /2 Includes entries such as Asian American, Asian, Asiatic, Amerasian, and Eurasian.
  - /3 Polynesian, Micronesian, and Melanesian are Pacific Islander cultural groups.

COMPARABILITY-Differences between the 1990 census and earlier censuses affect the comparability of data for certain racial groups and American Indian tribes. The 1990 census was the first census to undertake, on a 100-percent basis, an automated review, edit, and coding operation for written responses to the race item. The automated coding system used in the 1990 census greatly reduced the potential for error associated with a clerical review. Specialists with a thorough knowledge of the race subject matter reviewed, edited, coded, and resolved inconsistent or incomplete responses. In the 1980 census, there was only a limited clerical review of the race responses on the 100-percent forms with a full clerical review conducted only on the sample questionnaires.

Another major difference between the 1990 and preceding censuses is the handling of the write-in responses for the Asian or Pacific Islander populations. In addition to the nine Asian or Pacific Islander categories shown on the questionnaire under the spanner "Asian or Pacific Islander (API)," the 1990 census race item provided a new residual category, "Other API," for Asian or Pacific Islander persons who did not report in one of the listed Asian or Pacific Islander groups. During the coding operation, write-in responses for "Other API" were reviewed coded, and assigned to the appropriate classification. For example, in 1990, a write-in entry of Laotian, Thai, or Javanese is classified as "Other Asian," while a write-in entry of Tongan or Fijian is classified as "Other Pacific Islander." In the 1990 census, these persons were able to identify as "Other API" in both the 100-percent and sample operations.

In the 1980 census, the nine Asian or Pacific Islander groups were also listed separately. However, persons not belonging to these nine groups wrote in their specific racial group under the "Other" race category. Persons with a written entry such as Laotian, Thai, or Tongan, were tabulated and published as "Other race" in the 100-percent processing operation in 1980, but were reclassified as "Other Asian and Pacific Islander" in 1980 sample tabulations. In 1980 special reports on the Asian or Pacific Islander populations, data were shown separately for "Other Asian" and "Other Pacific Islander."

The 1970 questionnaire did not have separate race categories for Asian Indian, Vietnamese, Samoan, and Guamanian. These persons indicated their race in the "Other" category and later, through the editing process, were assigned to a specific group. For example, in

1970, Asian Indians were reclassified as "White," while Vietnamese, Guamanians, and Samoans were included in the "Other" category.

Another difference between 1990 and preceding censuses is the approach taken when persons of Spanish/Hispanic origin did not report in a specific race category but reported as "Other race" or "Other." These persons commonly provided a write-in entry such as Mexican, Venezuelan, or Latino. In the 1990 and 1980 censuses, these entries remained in the "Other race" or "Other" category, reactively. In the 1970 census, most of these persons were included in the "White" category.

#### REFERENCE WEEK

The data on labor force status and journey to work were related to the reference week; that is, the calendar week preceding the date on which the respondents completed their questionnaires or were interviewed by enumerators. This week is not the same for all respondents since the enumeration was not completed in one week. The occurrence of holidays during the enumeration period could affect the data on actual hours worked during the reference week, but probably had no effect on overall measurement of employment status (see the discussion below on "Comparability").

COMPARABILITY-The reference weeks for the 1990 and 1980 censuses differ in that Passover and Good Friday occurred in the first week of April 1980, but in the second week of April 1990. Many workers presumably took time off for those observances. The differing occurrence of these holidays could affect the comparability of the 1990 and 1980 data on actual hours worked for some areas if the respective weeks were the reference weeks for a significant number of persons. The holidays probably did not affect the overall measurement of employment status since this information was based on work activity during the entire reference week.

#### RESIDENCE IN 1985

The data on residence in 1985 were derived from answers to question 14b, which asked for the State (or foreign country), county, and place of residence on April 1, 1985, for those persons reporting in question 14a that on that date they lived in a different house than their current residence. Residence in 1985 is used in conjunction with location of current residence to determine the extent of residential mobility of the population and the resulting redistribution of the population across the various States, metropolitan areas, and regions of the country.

When no information on residence in 1985 was reported for a person, information for other family members, if available, was used to assign a location of residence in 1985. All cases of nonresponse or incomplete response that were not assigned a previous residence based on information from other family members were allocated the previous residence of another person with similar characteristics who

provided complete information,

The tabulation category, "Same house," includes all persons 5 years old and over who did not move during the 5 years as well as those who had moved but by 1990 had returned to their 1985 residence. The category, "Different house in the United States," includes persons who lived in the United States in 1985 but in a different house or apartment from the one they occupied on April 1, 1990. These movers are then further subdivided according to the type of move.

In most tabulations, movers are divided into three groups according to their 1985 residence: "Different house, same county," "Different county, same State," and "Different State." The last group may be further subdivided into region of residence in 1985. The category, "Abroad," includes those persons who were residing in a foreign country, Puerto Rico, or an outlying area of the U.S. in 1985, including members of the Armed Forces and their dependents. Some tabulations show movers who were residing in Puerto Rico or an outlying area in 1985 separately from those residing in other countries.

In tabulations for metropolitan areas, movers are categorized according to the metropolitan status of their current and previous residences, resulting in such groups as movers within an MSA/PMSA, movers between MSA/PMSA's, movers from nonmetropolitan areas to MSA/PMSA, and movers from central cities to the remainder of an MSA/PMSA. In some tabulations, these categories are further subdivided by size of MSA/PMSA, region of current or previous residence, or movers within or between central cities and the remainder of the same or a different MSA/PMSA.

The size categories used in some tabulations for both 1985 and 1990 residence refer to the populations of the MSA/PMSA on April 1, 1990; that is, at the end of the migration interval.

Some tabulations present data on immigrants, outmigrants, and net migration "Immigrants" are generally defined as those persons who entered a specified area by crossing its boundary from some point outside the area. In some tabulations, movers from abroad are included in the number of immigrants; in others, only movers within the United States are included.

"Outmigrants" are persons who depart from a specific area by crossing its boundary to a point outside it, but without leaving the United States. "Net migration" is calculated by subtracting the number of outmigrants from the number of immigrants and depending upon the particular tabulation, may or may not include movers from abroad. The net migration for the area is net immigration if the result was positive and net outmigration if the result was negative. In the tabulations, net outmigration is indicated by a minus sign (-).

Immigrants and outmigrants for States include only those persons who did not live in the same State in 1985 and 1990; that is, they exclude persons who moved between counties within the same State. Thus, the sum of the immigrants to (or outmigrants from) all counties in any State is greater than the number of immigrants to (or

outmigrants from) that State. However, in the case of net migration, the sum of the nets for all the counties within a State equal the net for the State. In the same fashion, the net migration for a division or region equals the sum of the nets for the States comprising that division or region, while the number of immigrants and outmigrants for that division or region is less than the sum of the immigrants or outmigrants for the individual States.

The number of persons who were living in a different house in 1985 is somewhat less than the total number of moves during the 5-year period. Some persons in the same house at the two dates had moved during the 5-year period but by the time of the census had returned to their 1985 residence. Other persons who were living in a different house had made one or more intermediate moves. For similar reasons, the number of persons living in a different county, MSA/PMSA, or State or moving between nonmetropolitan areas may be understated.

COMPARABILITY-Similar questions were asked on all previous censuses beginning in 1940, except the questions in 1950 referred to residence 1 year earlier rather than 5 years earlier. Although the questions in the 1940 census covered a 5-year period, comparability with that census was reduced somewhat because of different definitions and categories of tabulation. Comparability with the 1960 and 1970 census is also somewhat reduced because nonresponse was not allocated in those earlier censuses. For the 1980 census, nonresponse was allocated in a manner similar to the 1990 allocation scheme.

#### SCHOOL ENROLLMENT AND LABOR FORCE STATUS

Tabulation of data on enrollment, educational attainment, and labor force status for the population 16 to 19 years old allows for calculation of the proportion of the age group who are not enrolled in school and not high school graduates or "dropouts" and an unemployment rate for the "dropout" population. Definitions of the three topics and descriptions of the census items from which they were derived are presented in "Educational Attainment," "Employment Status," and "School Enrollment and Type of School." The published tabulations include both the civilian and Armed Forces populations, but labor force status is provided for the civilian population only. Therefore, the component labor force statuses may not add to the total lines enrolled in school, high school graduate, and not high school graduate. The difference is Armed Forces.

COMPARABILITY-The tabulation of school enrollment by labor force status is similar to that published in 1980 census reports. The 1980 census tabulation included a single data line for Armed Forces; however, enrollment, attainment, and labor force status data were shown for the civilian population only. In 1970, a tabulation was included for 16 to 21 year old males not attending school.

#### SCHOOL ENROLLMENT AND TYPE OF SCHOOL

Data on school enrollment were derived from answers to questionnaire item 11, which was asked of a sample of persons. Persons were classified as enrolled in school if they reported attending a "regular" public or private school or college at any time between February 1, 1990, and the time of enumeration. The question included instructions to "include only nursery school, kindergarten, elementary school, and schooling which would lead to a high school diploma or a college degree" as regular school. Instructions included in the 1990 respondent instruction guide, which was mailed with the census questionnaire, further specified that enrollment in a trade or business school, company training, or tutoring were not to be included unless the course would be accepted for credit at a regular elementary school, high school, or college. Persons who did not answer the enrollment question were assigned the enrollment status and type of school of a person with the same age, race or Hispanic origin, and, at older ages, sex, whose residence was in the same or a nearby area.

**PUBLIC AND PRIVATE SCHOOL**-Includes persons who attended school in the reference period and indicated they were enrolled by marking one of the questionnaire categories for either "public school, public college" or "private school, private college." The instruction guide defines a public school as "any school or college controlled and supported by a local, county, State, or Federal Government." "Schools supported and controlled primarily by religious organizations or other private groups" are defined as private. Persons who filled both the "public" and "private" circles are edited to the first entry, "public."

**LEVEL OF SCHOOL IN WHICH ENROLLED**-Persons who were enrolled in school were classified as enrolled in "preprimary school," "elementary or high school," or "college" according to their response to question 12 (years of school completed or highest degree received). Persons who were enrolled and reported completing nursery school or less were classified as enrolled in "preprimary school," which includes kindergarten. Similarly, enrolled persons who had completed at least kindergarten, but not high school, were classified as enrolled in elementary or high school. Enrolled persons who reported completing high school or some college or having received a post-secondary degree were classified as enrolled in "college." Enrolled persons who reported completing the twelfth grade but receiving "NO DIPLOMA" were classified as enrolled in high school. (For more information on level of school, see the discussion under "Educational Attainment.")

**COMPARABILITY**-School enrollment questions have been included in the census since 1840; grade attended was first asked in 1940; type of school was first asked in 1960. Before 1940, the enrollment question in various censuses referred to attendance in various preceding six months or the preceding year. In 1940, the reference was to attendance in the month preceding the census, and in the 1950 and

subsequent censuses, the question referred to attendance in the two months preceding the census date.

Until the 1910 census, there were no instructions limiting the kinds of schools in which enrollment was to be counted. Starting in 1910, the instructions indicated that attendance at "school, college, or any educational institutions was to be counted. In 1930 an instruction to include "night school" was added. In the 1940 instructions, night school, extension school, or vocational school were included only if the school was part of the regular school system. Correspondence school work of any kind was excluded. In the 1950 instructions, the term "regular school" was introduced, and it was defined as schooling which "advances a person towards an elementary or high school diploma or a college, university, or professional school degree." Vocational, trade, or business schools were excluded unless they were graded and considered part of a regular school system. On-the-job training was excluded as was nursery school. Instruction by correspondence was excluded unless it was given by a regular school and counted towards promotion.

In 1960, the question used the term "regular school or college" and a similar, though expanded definition of "regular" was included in the instructions, which continued to exclude nursery school. Because of the census' use of mailed questionnaires, the 1960 census was the first in which instructions were written for the respondent as well as enumerators. In the 1970 census, the questionnaire used the phrase "regular school or college" and included instructions to "count nursery school, kindergarten, and schooling which leads to an elementary school certificate, high school diploma, or college degree." Instructions in a separate document specified that to be counted as regular school, nursery school must include instruction as an important and integral phase of its program, and continued the exclusion of vocational, trade, and business schools. The 1980 census question was very similar to the 1970 question, but the separate instruction booklet did not require that nursery school include substantial instructional content in order to be counted.

The age range for which enrollment data have been obtained and published has varied over the censuses. Information on enrollment was recorded for persons of all ages in the 1930 and 1940 and 1970 through 1990; for persons under age 30, in 1950; and for persons age 5 to 34, in 1960. Most of the published enrollment figures referred to persons age 5 to 20 in the 1930 census, 5 to 24 in 1940, 5 to 29 in 1950, 5 to 34 in 1960, 3 to 34 in 1970, and 3 years old and over in 1980. This growth in the age group whose enrollment was reported reflects increased interest in the number of children in prepaatory schools and in the number of older persons attending colleges and universities.

In the 1950 and subsequent censuses, college students were enumerated where they lived while attending college, whereas in earlier censuses, they generally were enumerated at their parental homes. This change should not affect the comparability of national figures on college enrollment since 1940; however, it may affect the comparability over time of enrollment figures at sub-national levels.

Type of school was first introduced in the 1960 census, where a separate question asked the enrolled persons whether they were in a "public" or "private" school. Since the 1970 census, the type of school was incorporated into the response categories for the enrollment question and the terms were changed to "public," "parochial," and "other private." In the 1980 census, "private, church related" and "private, not church relate" replaced "parochial" and "other private."

Grade of enrollment was first available in the 1940 census, where it was obtained from responses to the question on highest grade of school completed. Enumerators were instructed theft "for a person still in school, the last grade completed will be the grade preceding the one in which he or she was now enrolled." From 1950 to 1980, grade of enrollment was obtained from the highest grade attended in the two-part question used to measure educational attainment. (For more information, see the discussion under "Educational Attainment.") The form of the question from which level of enrollment was derived in the 1990 census most closely corresponds to the question used in 1940. While data from prior censuses can be aggregated to provide levels of enrollment comparable to the 1990 census, 1990 data cannot be disaggregated to show single grade of enrollment as in previous censuses.

Data on school enrollment were also collected and published by other Federal, State, and local government agencies. Where these data were obtained from administrative records of school systems and institutions of higher learning, they were only roughly comparable with data from population censuses and household surveys because of differences in definitions and concepts, subject matter covered, time references, and enumeration methods. At the local level, the difference between the location of the institution and the residence of the student may affect the comparability of census and administrative data. Differences between the boundaries of school districts and census geographic units also may affect these comparisons.

#### SELF-CARE LIMITATION STATUS

The data on self-care limitation status were derived from answers to questionnaire item 19b, which was asked of a sample of persons 15 years old and over. Persons were identified as having a self-care limitation if they had a health condition that had lasted for 6 or more months and which made it difficult to take care of their own personal needs, such as dressing bathing, or getting around inside the home.

The term "health condition" referred to both physical and mental conditions. A temporary health problem, such as a broken bone that was expected to heal normally, was not considered a health condition.

COMPARABILITY-This was the first time that a question on self-care limitation was included in the census.



## SEX

The data on sex were derived from answers to questionnaire item 3, which was asked of all persons. For most cases in which sex was not reported it was determined by the appropriate entry from the person's given name and household relationship. Otherwise, sex was imputed according to the relationship to the householder and the age and marital status of the person. For more information on imputation, see Appendix C, Accuracy of the Data.

SEX RATIO-A measure derived by dividing the total number of males by the total number of females and multiplying by 100.

COMPARABILITY-A question on the sex of individuals was asked of the total population in every census.

## VETERAN STATUS

Data on veteran status, period of military service, and years of military service were derived from answers to questionnaire item 17, which was asked of a sample of persons.

VETERAN STATUS-The data on veteran status were derived from responses to question 17a. For census data products, a "civilian veteran" is a person 16 years old or over who had served (even for a short time) but is not now serving on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or the Coast Guard, or who served as a Merchant Marine seaman during World War II. Persons who served in the National Guard or military Reserves are classified as veterans only if they were ever called or ordered to active duty not counting the 4-6 months for initial training or yearly summer camps. All other civilians 16 years old and over are classified as nonveterans.

PERIOD OF MILITARY SERVICE-Persons who indicated in question 17a that they had served on active duty (civilian veterans) or were now on active duty were asked to indicate in question 17b the period or periods in which they served. Persons serving in at least one wartime period are classified in their most recent wartime period. For example, persons who served both during the Korean conflict and the post-Korean peacetime era between February 1955 and July 1964 are classified in one of the two "Korean conflict" categories. If the same person had also served during the Vietnam era, he or she would instead be included in the "Vietnam era and Korean conflict" category. The responses were edited to eliminate inconsistencies between reported period(s) of service and the age of the person and to cancel out reported combinations of periods containing unreasonable gaps (for example, a person could not serve during World War I and the Korean conflict without serving during World War II). Note that the period of service categories shown in this report are mutually exclusive.

YEARS OF MILITARY SERVICE-Persons who indicated in question 17a that they had served on active duty (civilian veterans) or were now on active duty were asked to report the total number of years of active-duty service in question 17c. The data were edited for consistency with responses to question 17b (Period of Military Service) and with the age of the person.

LIMITATION OF THE DATE-There may be a tendency for the following kinds of persons to report erroneously that they served on active duty in the Armed Forces: (a) persons who served in the National Guard or military Reserves but were never called to active duty, (b) civilian employees or volunteers for the USO, Red Cross, or the Department of Defense (or its predecessor Departments, War and Navy); and (c) employees of the Merchant Marine or Public Health Service. There may also be a tendency for persons to erroneously round up months to the nearest year in question 17c (for example, persons with 1 year 8 months of active duty military service may mistakenly report "2 years").

COMPARABILITY-Since census data on veterans were based on self-reported responses, they may differ from data from other sources such as administrative records of the Department of Defense. Census data may also differ from Veterans Administration data on the benefits-eligible population, since factors determining eligibility for veterans benefits differ from the rules for classifying veterans in the census.

The wording of the question on veteran status (17a) for 1990 was expanded from the veteran/not veteran question in 1980 to include questions on current active duty status and service in the military Reserves and the National Guard. The expansion was intended to clarify the appropriate response for persons in the Armed Forces and for persons who served in the National Guard or military Reserve units only. For the first time in a census, service during World War II as a Merchant Marine Seaman was considered active-duty military service and persons with such service were counted as veterans. An additional period of military service, "September 1980 or later" was added in 1990. As in 1970 and 1980, persons reporting more than one period of service are shown in the most recent wartime period of service category. Question 17c (Years of Military Service) was new for 1990.

#### WORK DISABILITY STATUS

The data on work disability were derived from answers to questionnaire item 18, which was asked of a sample of persons 15 years old and over. Persons were identified as having a work disability if they had a health condition that had lasted for 6 or more months and which limited the kind or amount of work they could do at a job or business. A person was limited in the kind of work he or she could do if the person had a health condition which restricted his or her choice of jobs. A person was limited in the amount of

work if he or she was not able to work full-time. Persons with a work disability were further classified as "Prevented from working" or "Not prevented from working"

The term "health condition" referred to both physical and mental conditions. A temporary health problem, such as a broken bone that was expected to heal normally, was not considered a health condition.

COMPARABILITY-The wording of the question on work disability was the same in 1990 as in 1980. Information on work disability was first collected in 1970. In that census, the work disability question did not contain a clause restricting the definition of disability to limitations caused by a health condition that had lasted 6 or more months; however, it did contain a separate question about the duration of the disability.

#### WORK STATUS IN 1989

The data on work status in 1989 were derived from answers to questionnaire item 31, which was asked of a sample of persons. Persons 16 years old and over who worked 1 or more weeks according to the criteria described below are classified as "Worked in 1989." All other persons 16 years old and over are classified as "Did not work in 1989." Some tabulations showing work status in 1989 include 15 year olds; these persons, by definition, are classified as "Did not work in 1989."

#### WEEKS WORKED IN 1989

The data on weeks worked in 1989 were derived from responses to questionnaire item 31b. Question 31b (Weeks Worked in 1989) was asked of persons 16 years old and over who indicated in question 31a that they worked in 1989.

The data pertain to the number of weeks during 1989 in which a person did any work for pay or profit (including paid vacation and paid sick leave) or worked without pay on a family farm or in a family business. Weeks of active service in the Armed Forces are also included.

#### USUAL HOURS WORKED PER WEEK WORKED IN 1989

The data on usual hours worked per week worked in 1989 were derived from answers to questionnaire item 31c. This question was asked of persons 16 years old and over who indicated that they worked in 1989.

The data pertain to the number of hours a person usually worked during the weeks worked in 1989. The respondent was to report the number of hours worked per week in the majority of the weeks he or she worked in 1989. If the hours worked per week varied considerably during 1989, the respondent was to report an approximate average of the hours worked per week. The statistics on usual hours worked per week in 1989 are not necessarily related to the data on actual hours

worked during the census reference week (question 21b).

Persons 16 years old and over who reported that they usually worked 35 or more hours each week during the weeks they worked are classified as "Usually worked full time;" persons who reported that they usually worked 1 to 34 hours are classified as "Usually worked part time."

YEAR-ROUND FULL-TIME WORKERS-All persons 16 years old and over who usually worked 35 hours or more per week for 50 to 52 weeks in 1989.

NUMBER OF WORKERS IN FAMILY IN 1989-The term "worker" as used for these data is defined based on the criteria for Work Status in 1989.

LIMITATION OF THE DATA-It is probable that the number of persons who worked in 1989 and the number of weeks worked are understated since there was some tendency for respondents to forget intermittent or short periods of employment or to exclude weeks worked without pay. There may also be a tendency for persons not to include weeks of paid vacation among their weeks worked; one result may be that the census figures may understate the number of persons who worked "50 to 52 weeks."

COMPARABILITY-The data on weeks worked collected in the 1990 census were comparable with data from the 1980, 1970, and 1960 censuses, but may not be entirely comparable with data from the 1940 and 1950 censuses. Since the 1960 census, two separate questions have been used to obtain this information. The first identified persons with any work experience during the year and, thus, indicated those persons for whom the questions on number of weeks worked applied. In 1940 and 1950, however, the questionnaires contained only a single question on number of weeks worked.

In 1970, persons responded to the question on weeks worked by indicating one of six weeks-worked intervals. In 1980 and 1990, persons were asked to enter the specific number of weeks they worked.

#### YEAR OF ENTRY

The data on year of entry were derived from answers to questionnaire item 10, which was asked of a sample of persons. The question, "When did this person come to the United States to stay?" was asked of persons who indicated in the question on citizenship that they were not born in the United States. (For more information, see the discussion under "Citizenship.")

The 1990 census questions, tabulations, and census data products about citizenship and year of entry include no reference to immigration. All persons who were born and resided outside the United States before becoming residents of the United States have a date of entry. Some of these persons are U.S. citizens by birth (e.g., persons born in Puerto Rico or born abroad of American parents). To avoid any possible confusion concerning the date of entry of persons who are U.S. citizens by birth the term, "year of

entry" is used in this report instead of the term "year of immigration."

LIMITATION OF THE DATA-The census questions on nativity, citizenship, and year of entry were not designed to measure the degree of permanence of residence in the United States. The phrase, "to stay" was used to obtain the year in which the person became a resident of the United States. Although the respondent was directed to indicate the year he or she entered the country "to stay," it was difficult to ensure that respondents interpreted the phrase correctly.

COMPARABILITY-A question on year of entry, (alternately called "year of immigration") was asked in each decennial census from 1890 to 1930, 1970, and 1980. In 1980, the question on year of entry included six arrival time intervals. The number of arrival intervals was expanded to ten in 1990. In 1980, the question on year of entry was asked only of the foreign-born population. In 1990, all persons who responded to the long-form questionnaire and were not born in the United States were to complete the question on year of entry.

#### HOUSING CHARACTERISTICS

##### LIVING QUARTERS

Living quarters are classified as either housing units or group quarters. (For more information, see the discussion of "Group Quarters" under Population Characteristics.) Usually, living quarters are in structures intended for residential use (for example, a one-family home, apartment house, hotel or motel, boarding house, or mobile home). Living quarters also may be in structures intended for nonresidential use (for example, the rooms in a warehouse where a guard lives), as well as in places such as tents, vans, shelters for the homeless, dormitories, barracks, and old railroad cars.

HOUSING UNITS-A housing unit is a house, an apartment, a mobile home or trailer, a group of rooms or a single room occupied as separate living quarters or, a vacant, intended for occupancy as separate living quarters. Separate living quarters are those in which the occupants live and eat separately from any other persons in the building and which have direct access from outside the building or through a common hall.

The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements. For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants.

Both occupied and vacant housing units are included in the housing unit inventory, except that recreational vehicles, boats, vans, tents, railroad cars, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile

homes are included provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage yards are excluded from the housing inventory.

If the living quarters contains nine or more persons unrelated to the householder or person in charge (a total of at least 10 unrelated persons), it is classified as group quarters. If the living quarters contains eight or fewer persons unrelated to the householder or person in charge, it is classified as a housing unit.

**OCCUPIED HOUSING UNITS**-A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; that is, away on vacation or business. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, the count of occupied housing units for 100-percent tabulations is the same as the count of households or householders. In sample tabulations, the counts of household and occupied housing units may vary slightly because of different sample weighting methods.

**VACANT HOUSING UNITS**-A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere also are classified as vacant. (For more information, see discussion under "Usual Home Elsewhere.")

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; that is, the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is condemned or is to be demolished. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

**HOTELS, MOTELS, ROOMING HOUSES, ETC.**-Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; that is, persons who consider the hotel as their usual place of residence or have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels, motels, and similar places in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from others in the building and have direct access,

their quarters are classified as separate housing units.

STAFF LIVING QUARTERS-The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered group quarters,

COMPARABILITY-The first Census of Housing in 1940 established the "dwelling unit" concept. Although the term became "housing unit" and the definition has been modified slightly in succeeding censuses, the 1990 definition is essentially comparable to previous censuses. There was no change in the housing unit definition between 1980 and 1990.

#### ACREAGE

The data on acreage were obtained from questionnaire items H5a and H19a. Question H5a was asked at all occupied and vacant one-family houses and mobile homes. Question H19a was asked on a sample basis at occupied and vacant one-family houses and mobile homes.

Question H5a asks whether the house or mobile home is located on a place of 10 or more acres. The intent of this item is to exclude owner-occupied and renter-occupied one-family houses on 10 or more acres from the specified owner-and renter-occupied universes for value and rent tabulations.

Question H19a provides data on whether the unit is located on less than 1 acre. The main purpose of this item, in conjunction with question H19b on agricultural sales, is to identify farm units. (For more information, see discussion under "Farm Residence.")

For both items, the land may consist of more than one tract or plot. These tracts or plots are usually adjoining; however, they may be separated by a road, creek, another piece of land, etc.

COMPARABILITY-Question H5a is similar to that asked in 1970 and 1980. This item was asked for the first time of mobile home occupants in 1990. Question H19a is an abbreviated form of a question asked on a sample basis in 1980. In previous censuses, information on city or suburban lot and number of acres was obtained also.

#### AGRICULTURAL SALES

Data on the sales of agricultural crops were obtained from questionnaire item H19b, which was asked on a sample basis at occupied one-family houses and mobile homes located on lots of 1 acre or more. Data for this item exclude units on lots of less than 1 acre, units located in structures containing 2 or more units, and all vacant units. This item refers to the total amount (before taxes and expenses) received in 1989 from the sale of crops, vegetables, fruits, nuts, livestock and livestock products, and nursery and forest products, produced on "this property." Respondents new to a

unit were asked to estimate total agricultural sales in 1989 even if some portion of the sales had been made by other occupants of the unit.

This item is used mainly to classify housing units as farm or nonfarm residences, not to provide detailed information on the sale of agricultural products. Detailed information on the sale of agricultural products is provided by the Census Bureau's Census of Agriculture (FACTFINDER FOR THE NATION AGRICULTURAL STATISTICS, Bureau of the Census, 1989). (For more information see its discussion under "Farm Residence.")

#### BEDROOMS

The data on bedrooms were obtained from questionnaire item H9, which was asked at both occupied and vacant housing units. This item was asked on a sample basis. The number of bedrooms is the count of rooms designed to be used as bedrooms; that is, the number of rooms that would be listed as bedrooms if the house or apartment were on the market for sale or for rent. Included are all rooms intended to be used as bedrooms even if they currently are being used for some other purpose. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom.

COMPARABILITY-Data on bedrooms have been collected in every census since 1960. In 1970 and 1980, data for bedrooms were shown only for year-round units. In past censuses, a room was defined as a bedroom if R was used mainly for sleeping even if also used for other purposes. Rooms that were designed to be used as bedrooms but used mainly for other purposes were not considered to be bedrooms. A distribution of housing units by number of bedrooms calculated from data collected in a 1986 test showed virtually no differences in the two versions except in the two bedroom category, where the previous "use" definition showed a slightly lower proportion of units.

#### BOARDED-UP STATUS

Boarded-up status was obtained from questionnaire item C2 and was determined for all vacant units. Boarded-up units have windows and doors covered by wood, metal, or masonry to protect the interior and to prevent entry into the building. A single-unit structure, a unit in a multi-unit structure, or an entire multi-unit structure may be boarded-up in this way. For certain census data products, boarded-up units are shown only for units in the "Other vacant" category. A unit classified as "Usual home elsewhere" can never be boarded up. (For more information, see the discussion under "Usual Home Elsewhere.")

COMPARABILITY-This item was first asked in the 1980 census and was shown only for year-round vacant housing units. In 1990, data are shown for all vacant housing units.



#### BUSINESS ON PROPERTY

The data for business on property were obtained from questionnaire item H5b, which was asked at all occupied and vacant one-family houses and mobile homes. This question is used to exclude owner-occupied one-family houses with business or medical offices on the property from certain statistics on financial characteristics.

A business must be easily recognizable from the outside. It usually will have a separate outside entrance and have the appearance of a business, such as a grocery store, restaurant, or barber shop. It may be either attached to the house or mobile home or be located elsewhere on the property. Those housing units in which a room is used for business or professional purposes and have no recognizable alterations to the outside are not considered as having a business. Medical offices are considered businesses for tabulation purposes.

COMPARABILITY-Data on business on property have been collected since 1940.

#### CONDOMINIUM FEE

The data on condominium fee were obtained from questionnaire item H25, which was asked at owner-occupied condominiums. This item was asked on a sample basis. A condominium fee normally is charged monthly to the owners of the individual condominium units by the condominium owners association to cover operating, maintenance, administrative, and improvement costs of the common property (grounds, halls, lobby, parking areas, laundry rooms, swimming pool, etc.) The costs for utilities and or fuels may be included in the condominium fee if the units do not have separate meters.

Data on condominium fees may include real estate tax and or insurance payments for the common property, but do not include real estate taxes or fire, hazard, and flood insurance for the individual unit already reported in questions H21 and H22.

Amounts reported were the regular monthly payment, even if paid by someone outside the household or remain unpaid. Costs were estimated as closely as possible when exact costs were not known.

The data from this item were added to payments for mortgages (both first and junior mortgages and home equity loans); real estate taxes; fire, hazard, and flood insurance payments; and utilities and fuels to derive "Selected Monthly Owner Costs" and "Selected Monthly Owner Costs as a Percentage of Household Income in 1989" for condominium owners.

COMPARABILITY-This is a new item in 1990.

#### CONDOMINIUM STATUS

The data on condominium housing units were obtained from questionnaire item H18, which was asked on a sample basis at both

occupied and vacant housing units. Condominium is a type of ownership that enables a person to own an apartment or house in a development of similarly owned units and to hold a common or joint ownership in some or all of the common areas and facilities such as land, roof, hallways, entrances, elevators, swimming pool, etc. Condominiums may be single-family houses as well as units in apartment buildings. A condominium unit need not be occupied by the owner to be counted as such. A unit classified as "mobile home or trailer" or "other" (see discussion under "Units in Structure") cannot be a condominium unit.

LIMITATION OF THE DATA-Testing done prior to the 1980 and 1990 censuses indicated that the number of condominiums may be slightly overstated.

COMPARABILITY-In 1970, condominiums were grouped together with cooperative housing units, and the data were reported only for owner-occupied cooperatives and condominiums. Beginning in 1980, the census identified all condominium units and the data were shown for renter-occupied and vacant year-round condominiums as well as owner occupied. In 1970 and 1980, the question on condominiums was asked on a 100-percent basis. In 1990, it was asked on a sample basis.

#### CONTRACT RENT

The data on contract rent (also referred to as "rent asked" for vacant units) were obtained from questionnaire item H7a, which was asked at all occupied housing units that were rented for cash rent and all vacant housing units that were for rent at the time of enumeration.

Housing units that are renter occupied without payment of cash rent are shown separately as "No cash rent" in census data products. The unit may be owned by friends or relatives who live elsewhere and who allow occupancy without charge. Rent-free houses or apartments may be provided to compensate caretakers, ministers, tenant farmers, sharecroppers, or others.

Contract rent is the monthly rent agreed to or contracted for, regardless of any furnishings, utilities, fees, meals, or services that may be included. For vacant units, it is the monthly rent asked for the rental unit at the time of enumeration.

If the contract rent includes rent for a business unit or for living quarters occupied by another household, the respondent was instructed to report that part of the rent estimated to be for his or her unit only. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises.

If a renter pays rent to the owner of a condominium or cooperative, and the condominium fee or cooperative carrying charge is also paid by the renter to the owner, the respondent was instructed to include the fee or carrying charge.

If a renter receives payments from lodgers or roomers who are

listed as members of the household, the respondent was instructed to report the rent without deduction for any payments received from the lodgers or roomers. The respondent was instructed to report the rent agreed to or contracted for even if paid by someone else such as friends or relatives living elsewhere, or a church or welfare agency.

In some tabulations, contract rent is presented for all renter-occupied housing units, as well as specified renter-occupied and vacant-for-rent units. Specified renter-occupied and specified vacant-for-rent units exclude one-family houses on 10 or more acres. (For more information on rent, see the discussion under "Gross Rent.")

**MEDIAN AND QUARTILE CONTRACT RENT**-The median divides the rent distribution into two equal parts. Quartiles divide the rent distribution into four equal parts. In computing median and quartile contract rent, units reported as "No cash rent" are excluded. Median and quartile rent calculations are rounded to the nearest whole dollar. (For more information on medians and quartiles, see the discussion under "Derived Measures.")

**AGGREGATE CONTRACT RENT**-To calculate aggregate contract rent, the amount assigned for the category "Less than \$80" is \$50. The amount assigned to the category "\$1,000 or more" is \$1,250. Mean contract rent is rounded to the nearest whole dollar. (For more information on aggregates and means, see the discussion under "Derived Measures.")

**LIMITATION OF THE DATA**-In the 1970 and 1980 censuses, contract rent for vacant units had high allocation rates, about 35 percent.

**COMPARABILITY**-Data on this item have been collected since 1930. For 1990, quartiles were added because the range of rents and values in the United States has increased in recent years. Upper and lower quartiles can be used to note large rent and value differences among various geographic areas.

#### DURATION OF VACANCY

The data for duration of vacancy (also referred to as "months vacant") were obtained from questionnaire item D, which was completed by census enumerators. The statistics on duration of vacancy refer to the length of time (in months and years) between the date the last occupants moved from the unit and the time of enumeration. The data, therefore, do not provide a direct measure of the total length of time units remain vacant.

For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed. Units occupied by an entire household with a usual home elsewhere are assigned to the "Less than 1 month" interval.

COMPARABILITY-Similar data have been collected since 1960. In 1970 and 1980, these data were shown only for year-round vacant housing units. In 1990, these data are shown for all vacant housing units.

#### FARM RESIDENCE

The data on farm residence were obtained from questionnaire items H19a and H19b. An occupied one-family house or mobile home is classified as a farm residence if: (1) the housing unit is located on a property of 1 acre or more, and (2) at least \$1,000 worth of agricultural products were sold from the property in 1989. Group quarters and housing units that are in multi-unit buildings or vacant are not included as farm residences.

A one-family unit occupied by a tenant household paying cash rent for land and buildings is enumerated as a farm residence only if sales of agricultural products from its yard (as opposed to the general property on which it is located) amounted to at least \$1,000 in 1989. A one-family unit occupied by a tenant household that does not pay cash rent is enumerated as a farm residence if the remainder of the farm (including its yard) qualifies as a farm.

Farm residence is provided as an independent data item only for housing units located in rural areas. It may be derived for housing units in urban areas from the data. Items on acreage and sales of agricultural products on the public-use microdata sample (PUMS) files. (For more information on PUMS, see Appendix F, Data Products and User Assistance.)

The farm population consists of persons in households living in farm residences. Some persons who are counted on a property classified as a farm (including in some cases farm workers) are excluded from the farm population. Such persons include those who reside in multi-unit buildings or group quarters.

COMPARABILITY-These are the same criteria that were used to define a farm residence in 1980. In 1960 and 1970, a farm was defined as a place of 10 or more acres with at least \$50 worth of agricultural sales or a place of less than 10 acres with at least \$250 worth of agricultural sales. Earlier censuses used other definitions. Note that the definition of a farm residence differs from the definition of a farm in the Census of Agriculture (FACTFINDER FOR THE NATION: AGRICULTURAL STATISTICS, BUREAU OF THE CENSUS, 1989).

#### GROSS RENT

Gross rent is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are paid for by the renter (or paid for the renter by someone else). Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of utilities and

fuels are reported on a yearly basis but are converted to monthly figures for the tabulations. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the tabulations. Gross rent is calculated on a sample basis.

COMPARABILITY-Data on gross rent have been collected since 1940 for renter-occupied housing units. In 1980, costs for electricity and gas were collected as average monthly costs. In 1990, all utility and fuel costs were collected as yearly costs and divided by 12 to provide an average monthly cost.

#### GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989

Gross rent as a percentage of household income in 1989 is a computed ratio of monthly gross rent to monthly household income (total household income in 1989 divided by 12). The ratio was computed separately for each unit and was rounded to the nearest whole percentage. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss in 1989 comprise the category "Not computed." This item is calculated on a sample basis.

#### HOUSE HEATING FUEL

The data on house heating fuel were obtained from questionnaire item H14, which was asked at occupied housing units. This item was asked on a sample basis. The data show the type of fuel used most to heat the house or apartment.

UTILITY GAS-Includes gas piped through underground pipes from a central system to serve the neighborhood.

BOTTLED, TANK, OR LP GAS-Includes liquid propane gas stored in bottles or tanks which are refilled or exchanged when empty.

FUEL OIL, KEROSENE, ETC.-Includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids.

WOOD-Includes purchased wood, wood cut by household members on their property or elsewhere, driftwood, sawmill or construction scraps, or the like.

SOLAR ENERGY-Includes heat provided by sunlight which is collected, stored, and actively distributed to most of the rooms.

OTHER FUEL-Includes all other fuels not specified elsewhere.

NO FUEL USED-Includes units that do not use any fuel or that do not have heating equipment.

COMPARABILITY-Data on house heating fuel have been collected since

1940. The category, "Solar energy" is new for 1990.

#### INSURANCE FOR FIRE, HAZARD, AND FLOOD

The data on fire, hazard, and flood insurance were obtained from questionnaire item H22, which was asked at a sample of owner-occupied one-family houses, condominiums, and mobile homes. The statistics for this item refer to the annual premium for fire, hazard, and flood insurance on the property (land and buildings); that is, policies that protect the property and its contents against loss due to damage by fire, lightning winds, hail, flood, explosion, and so on.

Liability policies are included only if they are paid with the fire, hazard, and flood insurance premiums and the amounts for fire, hazard, and flood cannot be separated. Premiums are included even if paid by someone outside the household or remain unpaid. When premiums are paid on other than a yearly basis, the premiums are converted to a yearly basis.

The payment for fire, hazard, and flood insurance is added to payments for real estate taxes, utilities, fuels, and mortgages (both first and junior mortgages and home equity loans) to derive "Selected Monthly Owner Costs" and "Selected Monthly Owner Costs as a Percentage of Household Income in 1989."

A separate question (H23d) determines whether insurance premiums are included in the mortgage payment to the lender(s). This makes it possible to avoid counting these premiums twice in the computations.

COMPARABILITY-Data on payment for fire and hazard insurance were collected for the first time in 1980. Flood insurance was not specifically mentioned in the wording of the question in 1980. The question was asked only at owner-occupied one-family houses. Excluded were mobile homes, condominiums, houses with a business or medical office on the property, houses on 10 or more acres, and housing units in multi-unit buildings. In 1990, the question was asked of all one-family owner-occupied houses, including houses on 10 or more acres. It also was asked at mobile homes, condominiums, and one-family houses with a business or medical office on the property.

#### KITCHEN FACILITIES

Data on kitchen facilities were obtained from questionnaire item H11, which was asked at both occupied and vacant housing units. A unit has complete kitchen facilities when it has all of the following: (1) an installed sink with piped water, (2) a range, cook top and convection or microwave oven, or cookstove, and (3) a refrigerator. All kitchen facilities must be located in the structure. They need not be in the same room. Portable cooking equipment is not considered a range or cookstove. An ice box is not considered to be a refrigerator.

COMPARABILITY-Data on complete kitchen facilities were collected for the first time in 1970. Earlier censuses collected data on

individual components, such as kitchen sink and type of refrigeration equipment. In 1970 and 1980, data for kitchen facilities were shown only for year-round units. In 1990, data are shown for all housing units.

#### MEALS INCLUDED IN RENT

The data on meals included in the rent were obtained from questionnaire item H7b, which was asked of all occupied housing units that were rented for cash and all vacant housing units that were for rent at the time of enumeration.

The statistics on meals included in rent are presented for specified renter-occupied and specified vacant-for-rent units. Specified renter-occupied and specified vacant-for-rent units exclude one-family houses on 10 or more acres. (For more information, see the discussion under "Contract Rent.")

COMPARABILITY-This is a new item in 1990. It is intended to measure "congregate" housing, which generally is considered to be housing units where the rent includes meals and other services, such as transportation to shopping and recreation.

#### MOBILE HOME COSTS

The data on mobile home costs were obtained from questionnaire item H26, which was asked at owner-occupied mobile homes. This item was asked on a sample basis.

These data include the total yearly costs for personal property taxes, land or site rent, registration fees, and license fees on all owner-occupied mobile homes. The instructions are to not include real estate taxes already reported in question H21.

Costs are estimated as closely as possible when exact costs are not known. Amounts are the total for an entire 12-month billing period, even if they are paid by someone outside the household or remain unpaid.

The data from this item are added to payments for mortgages, real estate taxes, fire, hazard, and flood insurance payments, utilities, and fuels to derive selected monthly owner costs for mobile homes owners.

COMPARABILITY-This item is new for 1990.

#### MORTGAGE PAYMENT

The data on mortgage payment were obtained from questionnaire item H23b, which was asked at owner occupied one-family houses, condominiums, and mobile homes. This item was asked on a sample basis. Question H23b provides the regular monthly amount required to be paid the lender for the first mortgage (deed of trust, contract to purchase, or similar debt) on the property. Amounts are included even if the payments are delinquent or paid by someone else. The

amounts reported are included in the computation of "Selected Monthly Owner Costs" and "Selected Monthly Owner Costs as a Percentage of Household Income in 1989" for units with a mortgage.

The amounts reported include everything paid to the lender including principal and interest payments, real estate taxes, fire, hazard, and flood insurance payments, and mortgage insurance premiums. Separate questions determine whether real estate taxes and fire, hazard, and flood insurance payments are included in the mortgage payment to the lender. This makes it possible to avoid counting these components twice in the computation of "Selected Monthly Owner Costs."

COMPARABILITY-Information on mortgage payment was collected for the first time in 1980. It was collected only at owner-occupied one-family houses. Excluded were mobile homes, condominiums, houses with a business or medical office on the property, one-family houses on 10 or more acres, and housing units in multi-unit buildings. In 1990, the questions on monthly mortgage payments were asked of all owner-occupied one-family houses, including one-family houses on 10 or more acres. They were also asked at mobile homes, condominiums, and one-family houses with a business or medical office.

The 1980 census obtained total regular monthly mortgage payments, including payments on second or junior mortgages, from a single question. Two questions were used in 1990; one for regular monthly payments on first mortgages, and one for regular monthly payments on second or junior mortgages or home equity loans. (For more information, see the discussion under "Second or Junior Mortgage Payment.")

#### MORTGAGE STATUS

The data on mortgage status were obtained from questionnaire items H23a and H24a, which were asked at owner-occupied one-family houses, condominiums, and mobile homes. "Mortgage" refers to all forms of debt where the property is pledged as security for repayment of the debt. It includes such debt instruments as deeds of trust, trust deeds, contracts to purchase, land contracts, junior mortgages and home equity loans.

A mortgage is considered a first mortgage if it has prior claim over any other mortgage or if it is the only mortgage on the property. All other mortgages, (second, third, etc.) are considered junior mortgages. A home equity loan is generally a junior mortgage. If no first mortgage is reported, but a junior mortgage or home equity loan is reported, then the loan is considered a first mortgage.

In most census data products, the tabulations for "Selected Monthly Owner Costs" and "Selected Monthly Owner Costs as a Percentage of Household Income in 1989" usually are shown separately for units "with a mortgage" and for units "not mortgaged" The category "not mortgaged" is comprised of housing units owned free and clear of debt.



COMPARABILITY-A question on mortgage status was included in the 1940 and 1950 censuses, but not in the 1960 and 1970 censuses. The item was reinstated in 1980 along with a separate question dealing with the existence of second or junior mortgages. In 1980, the mortgage status questions were asked at owner-occupied one-family houses on less than 10 acres. Excluded were mobile homes, condominiums, houses with a business or medical office, houses on 10 or more acres, and housing units in multi-unit buildings. In 1990, the questions were asked of all one-family owner-occupied housing units, including houses on 10 or more acres. They were also asked at mobile homes, condominiums, and houses with a business or medical office.

#### PERSONS IN UNIT

This item is based on the 100-percent count of persons in occupied housing units. All persons occupying the housing unit are counted, including the householder, occupants related to the householder, and lodgers, roomers, boarders, and so forth.

The data on "persons in unit" show the number of housing units occupied by the specified number of persons. The phrase "persons in unit" is used for housing tabulations, "persons in households" for population items. Figures for "persons in unit" match those for "persons in household" for 100-percent data products. In sample products, they may differ because of the weighting process.

MEDIAN PERSONS IN UNIT-In computing median persons in unit, a whole number is used as the midpoint of an interval; thus, a unit with 4 persons is treated as an interval ranging from 3.5 to 4.5 persons. Median persons is rounded to the nearest hundredth (For more information on medians, see the discussion under "Derived Measures.")

PERSONS IN OCCUPIED HOUSING UNITS-This is the total population minus those persons living in group quarters. "Persons per occupied housing unit" is computed by dividing the population living in housing units by the number of occupied housing units.

#### PERSONS PER ROOM

"Persons per room" is obtained by dividing the number of persons in each occupied housing unit by the number of rooms in the unit. Persons per room is rounded to the nearest hundredth. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

MEAN PERSONS PER ROOM-This is computed by dividing persons in housing units by the aggregate number of rooms. This is intended to provide a measure of utilization. A higher mean may indicate a greater degree of utilization or crowding; a low mean may indicate under-utilization. (For more information on means, see the discussion under "Derived Measures.")

## PLUMBING FACILITIES

The data on plumbing facilities were obtained from questionnaire Item H10, which was asked at both occupied and vacant housing units. This item was asked on a sample basis. Complete plumbing facilities include hot and cold piped water, a flush toilet, and a bathtub or shower. All three facilities must be located inside the house, apartment, or mobile home, but not necessarily in the same room. Housing units are classified as lacking complete plumbing facilities when any of the three facilities are not present.

COMPARABILITY-The 1990 data on complete plumbing facilities are not strictly comparable with the 1980 data. In 1980, complete plumbing facilities were defined as hot and cold piped water, a bathtub or shower, and a flush toilet in the housing unit for the exclusive use of the residents of that unit. In 1990, the Census Bureau dropped the requirement of exclusive use from the definition of complete plumbing facilities. Of the 2.3 million year-round housing units classified in 1980 as lacking complete plumbing for exclusive use, approximately 25 percent of these units had complete plumbing but the facilities were also used by members of another household. From 1940 to 1970, separate and more detailed questions were asked on piped water, bathing, and toilet facilities. In 1970 and 1980, the data on plumbing facilities were shown only for year-round units.

## POVERTY STATUS OF HOUSEHOLDS IN 1989

The data on poverty status of households were derived from answers to the income questions. The income items were asked on a sample basis. Households are classified below the poverty level when the total 1989 income of the family or of the nonfamily householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household, nor does their presence affect the household size in determining the appropriate poverty threshold. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual for one and two-persons households. (For more information, see the discussion of "Poverty Status in 1989" and "Income in 1989" under Population Characteristics.)

## REAL ESTATE TAXES

The data on real estate taxes were obtained from questionnaire item H21, which was asked at owner-occupied one-family houses, condominiums, and mobile homes. The statistics from this question refer to the total amount of all real estate taxes on the entire property (land and buildings) payable in 1989 to all taxing jurisdictions, including special assessments, school taxes, county taxes, and so forth.

Real estate taxes include State, local, and all other real estate taxes even if delinquent, unpaid, or paid by someone who is not a member of the household. However, taxes due from prior years are not included. If taxes are paid on other than a yearly basis, the payments are converted to a yearly basis.

The payment for real estate taxes is added to payments for fire, hazard, and flood insurance; utilities and fuels; and mortgages (both first and junior mortgages and home equity loans) to derive "Selected Monthly Owner Costs" and "Selected Monthly Owner Costs as a Percentage of Household Income in 1989." A separate question (H23c) determines whether real estate taxes are included in the mortgage payment to the lender(s). This makes it possible to avoid counting taxes twice in the computations.

COMPARABILITY-Data for real estate taxes were collected for the first time in 1980. The question was asked only at owner-occupied one-family houses. Excluded were mobile homes or trailers, condominiums, houses with a business or medical office on the property, houses on 10 or more acres, and housing units in multi-unit buildings. In 1990, the question was asked of all one-family owner-occupied houses, including houses on 10 or more acres. It also was asked at mobile homes, condominiums, and one-family houses with a business or medical office on the property.

#### ROOMS

The data on rooms were obtained from questionnaire item H3, which was asked at both occupied and vacant housing units. The statistics on rooms are in terms of the number of housing units with a specified number of rooms. The intent of this question is to count the number of whole rooms used for living purposes.

For each unit, rooms include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodgers rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls or foyers, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling but not if the partition consists solely of shelves or cabinets.

MEDIAN ROOMS-This measure divides the room distribution into two equal parts, one-half of the cases falling below the median number of rooms and one-half above the median. In computing median rooms, the whole number is used as the midpoint of the interval; thus, the category "3 rooms" is treated as an interval ranging from 2.5 to 3.5 rooms. Median rooms is rounded to the nearest tenth (For more information on medians, see the discussion under "Derived Measures.")

AGGREGATE ROOMS-To calculate aggregate rooms, an arbitrary value of "10" is assigned to rooms for units failing within the terminal category, "9 or more." (For more information on aggregates and

means, see the discussion under "Derived Measures.")

COMPARABILITY-Data on rooms have been collected since 1940. In 1970 and 1980, these data were shown only for year-round housing units. In 1990, these data are shown for all housing units.

#### SECOND OR JUNIOR MORTGAGE PAYMENT

The data on second or junior mortgage payments were obtained from questionnaire items H24a and H24b, which were asked at owner-occupied one-family houses, condominiums, and mobile homes. Question H24a asks whether a second or junior mortgage or a home equity loan exists on the property. Question H24b provides the regular monthly amount required to be paid to the lender on all second or junior mortgages and home equity loans. Amounts are included even if the payments are delinquent or paid by someone else. The amounts reported are included in the computation of "Selected Monthly Owner Costs" and "Selected Monthly Owner Costs as a Percentage of Household Income in 1989" for units with a mortgage.

All mortgages other than first mortgages are classified as "junior" mortgages. A second mortgage is a junior mortgage that gives the lender a claim against the property that is second to the claim of the holder of the first mortgage. Any other junior mortgage(s) would be subordinate to the second mortgage. A home equity loan is a line of credit available to the borrower that is secured by real estate. It may be placed on a property that already has a first or second mortgage, or it may be placed on a property that is owned free and clear.

If the respondents answered that no first mortgage existed, but a second mortgage did (as in the above case with a home equity loan), a computer edit assigned the unit a first mortgage and made the first mortgage monthly payment the amount reported in the second mortgage. The second mortgage data were then made "No" in question H24a and blank in question H24b.

COMPARABILITY-The 1980 census obtained total regular monthly mortgage payments, including payments on second or junior mortgages, from one single question. Two questions were used in 1990: one for regular monthly payments on first mortgages, and one for regular monthly payments on second or junior mortgages and home equity loans.

#### SELECTED MONTHLY OWNER COSTS

The data on selected monthly owner costs were obtained from questionnaire items H20 through H26 for a sample of owner-occupied one-family houses, condominiums, and mobile homes. Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, contracts to purchase, or similar debts on the property (including payments for the first mortgage, second or junior mortgages, and home equity loans); real estate taxes; fire, hazard, and flood insurance on the property; utilities (electricity, gas, and water); and fuels

(oil, coal, kerosene, wood, etc.). It also includes, where appropriate, the monthly condominium fee for condominiums and mobile home costs (personal property taxes, site rent, registration fees, and license fees) for mobile homes.

In certain tabulations, selected monthly owner costs are presented separately for specified owner-occupied housing units (owner-occupied one-family houses on fewer than 10 acres without a business or medical office on the property), owner-occupied condominiums, and owner-occupied mobile homes. Data usually are shown separately for units "with a mortgage" and for units "not mortgaged."

**MEDIAN SELECTED MONTHLY OWNER COSTS**-This measure is rounded to the nearest whole dollar.

**COMPARABILITY**-The components of selected monthly owner costs were collected for the first time in 1980. The 1990 tabulations of selected monthly owner costs for specified owner-occupied housing units are virtually identical to 1980, the primary difference was the amounts of the first and second mortgages were collected in separate questions in 1990, while the amounts were collected in a single question in 1980. The component parts of the item were tabulated for mobile homes and condominiums for the first time in 1990.

In 1980, costs for electricity and gas were collected as average monthly costs. In 1990, all utility and fuel costs were collected as yearly costs and divided by 12 to provide an average monthly cost.

#### **SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989**

The information on selected monthly owner costs as a percentage of household income in 1989 is the computed ratio of selected monthly owner costs to monthly household income in 1989. The ratio was computed separately for each unit and rounded to the nearest whole percentage. The data are tabulated separately for specified owner-occupied units, condominiums, and mobile homes.

Separate distributions are often shown for units "with a mortgage" and for units "not mortgaged." Units occupied by households reporting no income or a net loss in 1989 are included in the "not computed" category. (For more information see the discussion under "Selected Monthly Owner Costs.")

**COMPARABILITY**-The components of selected monthly owner costs were collected for the first time in 1980. The tabulations of "Selected Monthly Owner Costs as a Percentage of Household Income in 1989" for specified owner-occupied housing units are comparable to 1980.

#### **SEWAGE DISPOSAL**

The data on sewage disposal were obtained from questionnaire item H16, which was asked at both occupied and vacant housing units. This item was asked on a sample basis. Housing units are either

connected to a public sewer, to a septic tank or cesspool, or they dispose of sewage by other means. A public sewer may be operated by a government body or by a private organization. A housing unit is considered to be connected to a septic tank or cesspool when the unit is provided with an underground pit or tank for sewage disposal. The category, "Other means" includes housing units which dispose of sewage in some other way.

COMPARABILITY-Data on sewage disposal have been collected since 1940. In 1970 and 1980, data were shown only for year-round housing units. In 1990, data are shown for all housing units.

#### SOURCE OF WATER

The data on source of water were obtained from questionnaire item H15, which was asked at both occupied and vacant housing units. Housing units may receive their water supply from a number of sources. A common source supplying water to five or more units is classified as a "Public system or private company." The water may be supplied by a city, county, water district, water company, etc., or it may be obtained from a well which supplies water to five or more housing units. If the water is supplied from a well serving four or fewer housing units, the units are classified as having water supplied by either an "Individual drilled well" or an "Individual dug well." Drilled wells or small diameter wells are usually less than 1-1/2 feet in diameter. Dug wells are usually larger than 1-1/2 feet wide and generally hand dug. The category, "Some other source" includes water obtained from springs, creeks, rivers, lakes, cisterns, etc.

COMPARABILITY-Data on source of water have been collected since 1940. In 1970 and 1980, data were shown only for year-round housing units. In 1990, data are shown for all housing units.

#### TELEPHONE IN HOUSING UNIT

The data on telephones were obtained from questionnaire item H12, which was asked at occupied housing units. This item was asked on a sample basis. A telephone must be inside the house or apartment for the unit to be classified as having a telephone. Units where the respondent uses a telephone located inside the building but not in the respondent's living quarters are classified as having no telephone.

COMPARABILITY-Data on telephones in 1980 are comparable to 1990. The 1960 and 1970 censuses collected data on telephone availability. A unit was classified as having a telephone available if there was a telephone number on which occupants of the unit could be reached. The telephone could have been in another unit, in a common hall, or outside the building.

#### TENURE

The data for tenure were obtained from questionnaire item H4, which was asked at all occupied housing units. All occupied housing units are classified as either owner occupied or renter occupied.

**OWNER OCCUPIED**-A housing unit is owner occupied if the owner or co-owner lives in the unit even if it is mortgaged or not fully paid for. The owner or co-owner must live in the unit and usually is the person listed in column 1 of the questionnaire. The unit is "Owned by you or someone in this household with a mortgage or loan" if it is being purchased with a mortgage or some other debt arrangement such as a deed of trust, trust deed, contract to purchase, land contract, or purchase agreement. The unit is also considered owned with a mortgage if it is built on leased land and there is a mortgage on the unit.

A housing unit is "Owned by you or someone in this household free and clear (without a mortgage)" if there is no mortgage or other similar debt on the house, apartment, or mobile home including units built on leased land if the unit is owned outright without a mortgage. Although owner-occupied units are divided between mortgaged and owned free and clear on the questionnaire, census data products containing 100-percent data show only total owner-occupied counts. More extensive mortgage information was collected on the long-form questionnaire and are shown in census products containing sample data. (For more information, see the discussion under "Mortgage Status.")

**RENTER OCCUPIED**-All occupied housing units which are not owner occupied, whether they are rented for cash rent or occupied without payment of cash rent, are classified as renter occupied. "No cash rent" units are separately identified in the rent tabulations. Such units are generally provided free by friends or relatives or in exchange for services such as resident manager, caretaker, minister, or tenant farmer. Housing units on military bases also are classified in the "No cash rent" category. "Rented for cash rent" includes units in continuing care, sometimes called life care arrangements. These arrangements usually involve a contract between one or more individuals and a health services provider guaranteeing the individual shelter, usually a house or apartment, and services, such as meals or transportation to shopping or recreation.

**COMPARABILITY**-Data on tenure have been collected since 1890. In 1970, the question on tenure also included a category for condominium and cooperative ownership. In 1980, condominium units and cooperatives were dropped from the tenure item, and since 1980, only condominium units are identified in a separate question.

For 1990, the response categories were expanded to allow the respondent to report whether the unit was owned with a mortgage or free and clear (without a mortgage). The distinction between units owned with a mortgage and units owned free and clear was added in 1990 to improve the count of owner-occupied units. Research after

the 1980 census indicated some respondents did not consider their units owned if they had a mortgage.

#### UNITS IN STRUCTURE

The data on units in structure (also referred to as "type of structure") were obtained from questionnaire item H2, which was asked at all housing units. A structure is a separate building that either has open spaces on all sides or is separated from other structures by dividing walls that extend from ground to roof. In determining the number of units in a structure, all housing units, both occupied and vacant, are counted. Stores and office space are excluded.

The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings.

1-UNIT, DETACHED-This is a 1-unit structure detached from any other house; that is, with open space on all four sides. Such structures are considered detached even if they have an adjoining shed or garage. A one-family house that contains a business is considered detached as long as the building has open space on all four sides. Mobile homes or trailers to which one or more permanent rooms have been added or built also are included.

1-UNIT, ATTACHED-This is a 1-unit structure that has one or more walls extending from ground to roof separating it from adjoining structures. In row houses (sometimes called townhouses), double houses, or houses attached to nonresidential structures, each house is a separate, attached structure if the dividing or common wall goes from ground to roof.

2 OR MORE UNITS-These are units in structures containing 2 or more housing units, further categorized as units in structures with 2, 3 or 4, 5 to 9, 10 to 19, 20 to 49, and 50 or more units.

MOBILE HOME OR TRAILER-Both occupied and vacant mobile homes to which no permanent rooms have been added are counted in this category. Mobile homes or trailers used only for business purposes or for extra sleeping space and mobile homes or trailers for sale on a dealers lot, at the factory, or in storage are not counted in the housing inventory.

OTHER-This category is for any living quarters occupied as a housing unit that does not fit the previous categories. Examples that fit this category are houseboats, railroad cars, campers, and vans.

COMPARABILITY-Data on units in structure have been collected since 1940 and on mobile homes and trailers since 1950. In 1970 and 1980, these data were shown only for year-round housing units. In 1990, these data are shown for all housing units. In 1980, the data were collected on a sample basis. The category, "Boat, tent, van, etc."



was replaced in 1990 by the category "Other." In some areas, the proportion of units classified as "Other" is far larger than the number of units that were classified as "Boat, tent, van, etc." in 1980.

#### USUAL HOME ELSEWHERE

The data for usual home elsewhere are obtained from questionnaire item B, which was completed by census employees. A housing unit temporarily occupied at the time of enumeration entirely by persons with a usual residence elsewhere is classified as vacant. The occupants are classified as having a "Usual home elsewhere" and are counted at the address of their usual place of residence. Typical examples are people in a vacation home, persons renting living quarters temporarily for work, and migrant workers.

LIMITATION OF THE DATA-Evidence from previous censuses suggests that in some areas enumerators marked units as "vacant-usual home elsewhere" when they should have marked "vacant-regular."

COMPARABILITY-Data for usual home elsewhere was tabulated for the first time in 1980.

#### UTILITIES

The data on utility costs were obtained from questionnaire items H20a through H20d, which were asked of occupied housing units. These items were asked on a sample basis.

Questions H20a through H20d asked for the yearly cost of utilities (electricity, gas, water) and other fuels (oil, coal, wood, kerosene, etc.). For the tabulations, these yearly amounts are divided by 12 to derive the average monthly cost and are then included in the computation of "Gross Rent," "Gross Rent as a Percentage of Household Income in 1989," "Selected Monthly Owner Costs," and "Selected Monthly Owner Costs as a Percentage of Household Income in 1989."

Costs are recorded if paid by or billed to occupants, a welfare agency, relatives, or friends. Costs that are paid by landlords, included in the rent payment, or included in condominium or cooperative fees are excluded.

LIMITATION OF THE DATA-Research has shown that respondents tended to overstate their expenses for electricity and gas when compared to utility company records. There is some evidence that this overstatement is reduced when yearly costs are asked rather than monthly costs. Caution should be exercised in using these data for direct analysis because costs are not reported for certain kinds of units such as renter-occupied units with all utilities included in the rent and owner-occupied condominium units with utilities included in the condominium fee.

COMPARABILITY-The data on utility costs have been collected since 1980 for owner-occupied housing units, and since 1940 for renter-occupied housing units. In 1980, costs for electricity and gas were collected as average monthly costs. In 1990, all utility and fuel costs were collected as yearly costs and divided by 12 to provide an average monthly cost.

#### VACANCY STATUS

The data on vacancy status were obtained from questionnaire item C1, which was completed by census enumerators. Vacancy status and other characteristics of vacant units were determined by enumerators obtaining information from landlords, owners, neighbors, rental agents, and others. Vacant units are subdivided according to their housing market classification as follows:

FOR RENT-These are vacant units offered "for rent," and vacant units offered either "for rent" or "for sale."

FOR SALE ONLY-These are vacant units being offered "for sale only," including units in cooperatives and condominium projects if the individual units are offered "for sale only."

RENTED OR SOLD, NOT OCCUPIED-If any money rent has been paid or agreed upon but the new renter has not moved in as of the date of enumeration, or if the unit has recently been sold but the new owner has not yet moved in, the vacant unit is classified as "rented or sold, not occupied."

FOR SEASONAL, RECREATIONAL, OR OCCASIONAL USE-These are vacant units used or intended for use only in certain seasons or for weekend or other occasional use throughout the year.

Seasonal units include those used for summer or winter sports or recreation, such as beach cottages and hunting cabins. Seasonal units also may include quarters for such workers as herders and loggers. Interval ownership units, sometimes called shared-ownership or time-sharing condominiums, also are included here.

FOR MIGRANT WORKERS-These include vacant units intended for occupancy by migratory workers employed in farm work during the crop season. (Work in a cannery, a freezer plant, or a food-processing plant is not farm work.)

OTHER VACANT-If a vacant unit does not fall into any of the classifications specified above, it is classified as "other vacant." For example, this category includes units held for occupancy by a caretaker or janitor, and units held for personal reasons of the owner.

HOMEOWNER VACANCY RATE-This is the percentage relationship between the number of vacant units for sale and the total homeowner

inventory. It is computed by dividing the number of vacant units for sale only by the sum of the owner-occupied units and the number of vacant units that are for sale only.

RENTAL VACANCY RATE-This is the percentage relationship of the number of vacant units for rent to the total rental inventory. It is computed by dividing the number of vacant units for rent by the sum of the renter-occupied units and the number of vacant units for rent.

COMPARABILITY-Data on vacancy status have been collected since 1940. For 1990, the category, "seasonal/recreational occasional use" combined vacant units classified in 1980 as "seasonal or migratory" and "held for occasional use." Also, in 1970 and 1980, housing characteristics generally were presented only for year-round units. In 1990, housing characteristics are shown for all housing units.

#### VALUE

The data on value (also referred to as "price asked" for vacant units) were obtained from questionnaire item H6, which was asked at housing units that were owned, being bought, or vacant for sale at the time of enumeration. Value is the respondent's estimate of how much the property (house and lot, mobile home and lot, or condominium unit) would sell for if it were for sale. If the house or mobile home was owned or being bought, but the land on which it sits was not, the respondent was asked to estimate the combined value of the house or mobile home and the land. For vacant units, value was the price asked for the property.

Value was tabulated separately for all owner-occupied and vacant-for-sale housing units, owner-occupied and vacant-for-sale mobile homes or trailers, and specified owner-occupied and specified vacant-for-sale housing units. Specified owner-occupied and specified vacant-for-sale housing units include only one-family houses on fewer than 10 acres without a business or medical office on the property. The data for "specified units" exclude mobile homes, houses with a business or medical office, houses on 10 or more acres, and housing units in multi-unit buildings.

MEDIAN AND QUARTILE VALUE-The median divides the value distribution into two equal parts. Quartiles divide the value distribution into four equal parts. These measures are rounded to the nearest hundred dollars. (For more information on medians and quartiles, see the discussion under "Derived Measures.")

AGGREGATE VALUE-To calculate aggregate value, the amount assigned for the category "Less than \$10,000" is \$9,000. The amount assigned to the category "\$500,000 or more" is \$600,000. Mean value is rounded to the nearest hundred dollars. (For more information on aggregates and means, see the discussion under "Derived Measures.")

COMPARABILITY-in 1980, value was asked only at owner-occupied or

vacant-for-sale one-family houses on fewer than 10 acres with no business or medical office on the property and at all owner-occupied or vacant-for-sale condominium housing units. Mobile homes were excluded. Value data were presented for specified owner-occupied housing units, specified vacant-for-sale-only housing units, and owner-occupied condominium housing units.

In 1990, the question was asked at all owner-occupied or vacant-for-sale-only housing units with no exclusions. Data presented for specified owner-occupied and specified vacant-for-sale-only housing units will include one-family condominium houses but not condominiums in multi-unit structures since condominium units are now identified only in long-form questionnaires.

For 1990, quartiles have been added because the range of values and rents in the United States has increased in recent years. Upper and lower quartiles can be used to note large value and rent differences among various geographic areas.

#### VEHICLES AVAILABLE

The data on vehicles available were obtained from questionnaire item H13, which was asked at occupied housing units. This item was asked on a sample basis. These data show the number of households with a specified number of passenger cars, vans, and pickup or panel trucks of one-ton capacity or less kept at home and available for the use of household members. Vehicles rented or leased for one month or more, company vehicles, and police and government vehicles are included if kept at home and used for nonbusiness purposes. Dismantled or immobile vehicles are excluded. Vehicles kept at home but used only for business purposes also are excluded.

VEHICLES PER HOUSEHOLD-This is computed by dividing aggregate vehicles available by the number of occupied housing units.

LIMITATION OF THE DATA-The 1980 census evaluations showed that the number of automobiles was slightly overreported; the number of vans and trucks slightly underreported. The statistics do not measure the number of vehicles privately owned or the number of households owning vehicles.

COMPARABILITY-Data on automobiles available were collected from 1960 to 1980. In 1980, a separate question also was asked on the number of trucks and vans. The data on automobiles and trucks and vans were presented separately and also as a combined vehicles available tabulation. The 1990 data are comparable to the 1980 vehicles available tabulations.

#### YEAR HOUSEHOLDER MOVED INTO UNIT

The data on year householder moved into unit were obtained from questionnaire item H8, which was asked at occupied housing units.

This item was asked on a sample basis. These data refer to the year of the latest move by the householder. If a householder moved back into a housing unit he or she previously occupied the year of the latest move was reported. If the householder moved from one apartment to another within the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year that the householder moved in is not necessarily the same year other members of the household moved, although in the great majority of cases an entire household moves at the same time.

COMPARABILITY-in 1960 and 1970, this question was asked of every person and included in population reports. This item in housing tabulations refers to the year the householder moved in. In 1980 and 1990, the question was asked only of the householder.

#### YEAR STRUCTURE BUILT

The data on year structure built were obtained from questionnaire item H17, which was asked at both occupied and vacant housing units. This item was asked on a sample basis. Data on year structure built refer to when the building was first constructed, not when it was remodeled added to, or converted. For housing units under construction that met the housing unit definition-that is, all exterior windows, doors, and final usable floors were in place-the category "1989 or March 1990" was used. For a houseboat or a mobile home or trailer, the manufacturer's model year was assumed to be the year built. The figures shown in census data products relate to the number of units built during the specified periods that were still in existence at the time of enumeration.

MEDIAN YEAR STRUCTURE BUILT-The median divides the distribution into two equal parts. The median is rounded to the nearest calendar year. Median age of housing can be obtained by subtracting median year structure built from 1990. For example, if the median year structure built is 1957, the median age of housing in that area is 33 years (1990 minus 1957).

LIMITATION OF THE DATA-Data on year structure built are more susceptible to errors of response and nonreporting than data on many other items because respondents must rely on their memory or on estimates by persons who have lived in the neighborhood a long time. Available evidence indicates there is underreporting in the older-year-structure-built categories, especially "Built in 1939 or earlier." The introduction of the "Don't know" category (see the discussion on "Comparability") may have resulted in relatively higher allocation rates. Data users should refer to the discussion in Appendix C, Accuracy of the Data, and to the allocation tables.

COMPARABILITY-Data on year structure built were collected for the

first time in the 1940 census. Since then, the response categories have been modified to accommodate the 10-year period between each census. In 1990, the category, "Don't Know," was added in an effort to minimize the response error mentioned in the paragraph above on limitation of the data.

#### DERIVED MEASURES

Census data products include various derived measures, such as medians, means, and percentages, as well as certain rates and ratios. Derived measures that round to less than 0.1 are not shown but indicated as zero. In printed reports, zero is indicated by a dash (-).

#### INTERPOLATION

Interpolation frequently is used in calculating medians or quartiles based on interval data and in approximating standard errors from tables. Linear interpolation is used to estimate values of a function between two known values. "Pareto interpolation" is an alternative to linear interpolation. It is used by the Census Bureau in calculating median income within intervals wider than \$2,500. In Pareto interpolation, the median is derived by interpolating between the logarithms of the upper and lower income limits of the median category.

#### MEAN

This measure represents an arithmetic average of a set of values. It is derived by dividing the sum of a group of numerical items (or aggregate) by the total number of items. Aggregates are used in computing mean values. For example, mean family income is obtained by dividing the aggregate of all income reported by persons in families by the total number of families. (Additional information on means and aggregates is included in the separate explanations of many population and housing subjects.)

#### MEDIAN

This measure represents the middle value in a distribution. The median divides the total frequency into two equal parts: one-half of the cases fall below the median and one-half of the cases exceed the median. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in specific census publications and other data products.

In reports, if the median falls within the upper interval of the tabulation distribution, the median is shown as the initial value of the interval followed by a plus sign (+); if within the lower interval, the median is shown as the upper value of the category followed by a minus sign (-). For summary tape files, if the median falls within the upper or lower interval, it is set to a specified

value. (Additional information on medians is included in the separate explanations of many population and housing subjects.)

#### PERCENTAGES, RATES, AND RATIOS

These measures are frequently presented in census products to compare two numbers or two sets of measurements. These comparisons are made in two ways: (1) subtraction, which provides an absolute measure of the difference between two items, and (2) the quotient of two numbers, which provides a relative measure of difference.

#### QUARTILE

This measure divides a distribution into four equal parts. The first quartile (or lower quartile) is the value that defines the upper limit of the lowest one-quarter of the cases. The second quartile is the median. The third quartile (or upper quartile) defines the lower limit of the upper one-quarter of the cases in the distribution. The difference between the upper and lower quartiles is called the interquartile range. This interquartile range is less affected by wide variations than is the mean. Quartiles are presented for certain financial characteristics such as housing value and rent.





APPENDIX C.  
Accuracy of the Data

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INTRODUCTION

The data contained in this data product are based on the 1990 census sample. The data are estimates of the actual figures that would have been obtained from a complete count. Estimates derived from a sample are expected to be different from the 100-percent figures because they are subject to sampling and nonsampling errors. Sampling error in data arises from the selection of persons and housing units to be included in the sample. Nonsampling error affects both sample and 100-percent data, and is introduced as a result of errors that may occur during the collection and processing phases of the census. Provided below is a detailed discussion of both types of errors and a description of the estimation procedures.

SAMPLE DESIGN

Every person and housing unit in the United States was asked certain basic demographic and housing questions (for example, race, age, marital status, housing value, or rent). A sample of these persons and housing units was asked more detailed questions about such items as income, occupation, and housing costs in addition to the basic demographic and housing information. The primary sampling unit for the 1990 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Persons in group quarters were sampled at a 1-in-6 rate.

The sample designation method depended on the data collection procedures. Approximately 95 percent of the population was enumerated by the mailback procedure. In these areas, the Bureau of the Census either purchased a commercial mailing list, which was updated by the United States Postal Service and Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized and the appropriate units were electronically designated as sample units. The questionnaires were either mailed or hand-delivered to the addresses with instructions to complete and mail back the form.

Housing units in governmental units with a precensus (1988)

estimated population of fewer than 2500 persons were sampled at 1-in-2. Governmental units were defined for sampling purposes as all incorporated places, all counties, all county equivalents such as parishes in Louisiana, and all minor civil divisions in Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin. Housing units in census tracts and block numbering areas (BNA's) with a precensus housing unit count below 2,000 housing units were sampled at 1-in-6 for those portions not in small governmental units (governmental units with a population less than 2,500). Housing units within census tracts and BNA's with 2,000 or more housing units were sampled at 1-in-8 for those portions not in small governmental units.

In list/enumerate areas (about 5 percent of the population), each enumerator was given a blank address register with designated sample lines. Beginning about Census Day, the enumerator systematically canvassed an assigned area and listed all housing units in the address register in the order they were encountered. Completed questionnaires, including sample information for any housing unit listed on a designated sample line, were collected. For all governmental units with fewer than 2,500 persons in list/enumerate areas, a 1-in-2 sampling rate was used. All other list/enumerate areas were sampled at 1-in-6.

Housing units in American Indian reservations, tribal jurisdiction statistical areas, and Alaska Native villages were sampled according to the same criteria as other governmental units, except the sampling rates were based on the size of the American Indian and Alaska Native population in those areas as measured in the 1980 census. Trust lands were sampled at the same rate as their associated American Indian reservations. Census designated places in Hawaii were sampled at the same rate as governmental units because the Census Bureau does not recognize incorporated places in Hawaii.

The purpose of using variable sampling rates was to provide relatively more reliable estimates for small areas and decrease respondent burden in more densely populated areas while maintaining data reliability. When all sampling rates were taken into account across the Nation, approximately one out of every six housing units in the Nation was included in the 1990 census sample.

#### CONFIDENTIALITY OF THE DATA

To maintain the confidentiality required by law (Title 13, United States Code), the Bureau of the Census applies a confidentiality edit to the 1990 census data to assure that published data do not disclose information about specific individuals, households, or housing units. As a result, a small amount of uncertainty is introduced into the estimates of census characteristics. The sample itself provides adequate protection for most areas for which sample data are published since the resulting data are estimates of the actual counts; however, small areas require more protection. The edit is controlled so that the basic structure

of the data is preserved.

The confidentiality edit is implemented by selecting a small subset of individual households from the internal sample data files and blanking a subset of the data items on these household records. Responses to those data items were then imputed using the same imputation procedures that were used for nonresponse. A larger subset of households is selected for the confidentiality edit for small areas to provide greater protection for these areas. The editing process is implemented in such a way that the quality and usefulness of the data were preserved.

#### ERRORS IN THE DATA

Since statistics in this data product are based on a sample, they may differ somewhat from 100-percent figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The sample estimate also would differ from other samples of housing units, persons within those housing units, and persons living in group quarters. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a sample estimate is a measure of the variation among the estimates from all the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. Described below is the method of calculating standard errors and confidence intervals for the data in this product.

In addition to the variability which arises from the sampling procedures, both sample data and 100-percent data are subject to nonsampling error. Nonsampling error may be introduced during any of the various complex operations used to collect and process census data. For example, operations such as editing reviewing or handling questionnaires may introduce error into the data. A detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and 100-percent data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will tend to be understated for the higher income categories and overstated for the lower income categories. Such biases are not reflected in the standard error.

#### CALCULATION OF STANDARD ERRORS

TOTALS AND PERCENTAGES-Tables A through C in this appendix contain the information necessary to calculate the standard errors of sample estimates in this data product. To calculate the standard error, it is necessary to know the basic standard error for the characteristic (given in table A or B) that would result under a simple random sample design (of persons, households, or housing units) and estimation technique; the design factor for the particular characteristic estimated (given in table C); and the number of persons or housing units in the tabulation area and the percent of these in the sample. For machine-readable products, the percent-in-sample is included in a data matrix on the file for each tabulation area. In printed reports, the percent-in-sample is provided in data tables at the end of the statistical tables that compose the report. The design factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1990 census. Tape purchasers will receive table C, the table of design factors, as a supplement to the technical documentation. Table C is included in this appendix for printed reports.

The steps given below should be used to calculate the standard error of an estimate of a total or a percentage contained in this product. A percentage is defined here as a ratio of a numerator to a denominator where the numerator is a subset of the denominator. For example, the proportion of Black teachers is the ratio of Black teachers to all teachers.

1. Obtain the standard error from table A or B (or use the formula given below the table) for the estimated total or percentage, respectively.
2. Find the geographic area to which the estimate applies in the appropriate percent-in-sample table or appropriate matrix, and obtain the person or housing unit "percent-in-sample" figure for this area. Use the person "percent-in-sample" figure for person and family characteristics. Use the housing unit "percent-in-sample" figure for housing unit characteristics.
3. Use table C to obtain the design factor for the characteristic (for example, employment status, school enrollment) and the range that contains the percent-in-sample with which you are working. Multiply the basic standard error by this factor.

The unadjusted standard errors of zero estimates or of very small estimated totals or percentages will approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. Nevertheless, these estimated totals and percentages still are subject to sampling and nonsampling variability, and an estimated standard error of zero (or a very small standard error) is not

appropriate. For estimated percentages that are less than 2 or greater than 98, use the basic standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use a basic standard error of 16.

An illustration of the use of the tables is given in the section entitled "Use of Tables to Compute Standard Errors."

SUMS AND DIFFERENCES-The standard errors estimated from these tables are not directly applicable to sums of and differences between two sample estimates. To estimate the standard error of a sum or difference, the tables are to be used somewhat differently in the following three situations:

1. For the sum of or difference between a sample estimate and a 100-percent value, use the standard error of the sample estimate. The complete count value is not subject to sampling error.
2. For the sum of or difference between two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors:

$$SE_{(X + Y)}^{\wedge} = SE_{(X - Y)}^{\wedge} = (\text{square root})(SE_X^{\wedge 2} + SE_Y^{\wedge 2})$$

This method however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively) correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or from a census sample and another survey. The standard error for estimates not based on the 1990 census sample must be obtained from an appropriate source outside of this appendix.

3. For the differences between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest. For example, to determine the estimate of non-Black teachers, one may subtract the estimate of Black teachers from the estimate of total teachers. To determine the standard error of the estimate of non-Black teachers apply the above formula directly.

RATIOS-Frequently, the statistic of interest is the ratio of two

variables, where the numerator is not a subset of the denominator. For example, the ratio of teachers to students in public elementary schools. The standard error of the ratio between two sample estimates is estimated as follows:

1. If the ratio is a proportion, then follow the procedure outlined for "Totals and Percentages."
2. If the ratio is not a proportion, then approximate the standard error using the formula below.

$$SE \hat{\hat{\left(\frac{X}{Y}\right)}} = \sqrt{\left(\frac{\hat{X}}{\hat{Y}}\right)^2 \left(\frac{(SE_X)^2}{\hat{X}^2} + \frac{(SE_Y)^2}{\hat{Y}^2}\right)}$$

**MEDIANS**-For the standard error of the median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as  $N/2$ ). Treat  $N/2$  as if it were an ordinary estimate and obtain its standard error as instructed above. Compute the desired confidence interval about  $N/2$ . Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about  $N/2$ . By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, continue cumulating frequencies until the sum equals or exceeds the count in excess of the upper limit of the interval about  $N/2$ . Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

When interpolation is required in the upper open-ended interval of a distribution to obtain a confidence bound, use 1.5 times the lower limit of the open-ended confidence interval as the upper limit of the open-ended interval.

#### CONFIDENCE INTERVALS

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1990 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these

samples, then:

1. Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples;
2. Approximately 90 percent of the intervals from 1.645 times the estimated standard error below the estimate to 1.645 times the estimated standard error above the estimate would contain the average result from all possible samples.
3. Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent, 90 percent, and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus, we cannot make the statement that the average value has a certain probability of failing between the limits of the calculated confidence interval. Rather, one can say with a specified probability of confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the 100-percent value).

Confidence intervals also may be constructed for the ratio, sum of, or difference between two sample figures. This is done by first computing the ratio, sum, or difference, then obtaining the standard error of the ratio, sum, or difference (using the formulas given earlier). and finally forming a confidence interval for this estimated ratio, sum, or difference as above. One can then say with specified confidence that this interval includes the ratio, sum, or difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this appendix do not include all portions of the variability due to nonsampling error that may be present in the data. The standard errors reflect the effect of simple response variance, but not the effect of correlated errors introduced by enumerators, coders, or other field or processing personnel. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68, 90, or 95 percent). Thus, some care must be exercised in the interpretation of the data in this data product based on the estimated standard errors.

A standard sampling theory text should be helpful if the user needs more information about confidence intervals and nonsampling errors.

## USE OF TABLES TO COMPUTE STANDARD ERRORS

The following is a hypothetical example of how to compute a standard error of a total and a percentage. Suppose a particular data table shows that for City A 9,948 persons out of all 15,888 persons age 16 years and over were in the civilian labor force. The percent-in-sample table lists City A with a percent-in-sample of 16.0 percent (Persons column). The column in table C which includes 16.0 percent-in-sample shows the design factor to be 1.1 for "Employment status."

The basic standard error for the estimated total 9,948 may be obtained from table A or from the formula given below table A. In order to avoid interpolation, the use of the formula will be demonstrated here. Suppose that the total population of City A was 21,220. The formula for the basic standard error, SE, is

$$\begin{aligned} SE(9,948) &= (\text{square root}) \sqrt{5(9,948) (1 - 9,948/21,220)} \\ &= 163 \text{ persons.} \end{aligned}$$

The standard error of the estimated 9,948 persons 16 years and over who were in the civilian labor force is found by multiplying the basic standard error 163 by the design factor, 1.1 from table C. This yields an estimated standard error of 179 for the total number of persons 16 years and over in City A who were in the civilian labor force.

The estimated percent of persons 16 years and over who were in the civilian labor force in City A is 62.6. From table B, the unadjusted standard error is found to be approximately 0.85 percentage points. The standard error for the estimated 62.6 percent of persons 16 years and over who were in the civilian labor force is  $0.85 \times 1.1 = 0.94$  percentage points.

A note of caution concerning numerical values is necessary. Standard errors of percentages derived in this manner are approximate. Calculations can be expressed to several decimal places, but to do so would indicate more precision in the data than is justifiable. Final results should contain no more than two decimal places when the estimated standard error is one percentage point (i.e., 1.00) or more.

In the previous example, the standard error of the 9,948 persons 16 years and over in City A who were in the civilian labor force was found to be 179. Thus, a 90 percent confidence interval for this estimated total is found to be:

$$\begin{aligned} (9,948 - 1.645(179)) &\text{ to } (9,948 + 1.645 (179)) \\ &\text{or} \\ &9,654 \text{ to } 10,242 \end{aligned}$$

One can say, with about 90 percent confidence, that this interval includes the value that would have been obtained by averaging the results from all possible samples.



The following is an illustration of the calculation of standard errors and confidence intervals when a difference between two sample estimates is obtained. For example, suppose the number of persons in City B age 16 years and over who were in the civilian labor force was 9,314 and the total number of persons 16 years and over was 16,666. Further suppose the population of City B was 25,225. Thus, the estimated percentage of persons 16 years and over who were in the civilian labor force is 55.9 percent. The unadjusted standard error determined using the formula provided at the bottom of table B is 0.86 percentage points. We find that City B had a percent-in-sample of 15.7. The range which includes 15.7 percent-in-sample in table C shows the design factor to be 1.1 for "Employment Status." Thus, the approximate standard error of the percentage (55.9 percent) is  $0.86 \times 1.1 = 0.95$  percentage points.

Now suppose that one wished to obtain the standard error of the difference between City A and City B of the percentages of persons who were 16 years and over and who were in the civilian labor force. The difference in the percentages of interest for the two cities is:

$$62.6 - 55.9 = 6.7 \text{ percent.}$$

Using the results of the previous example:

$$\begin{aligned} SE(6.7) &= (\text{sq root}) \left( SE(62.6)^2 + SE(55.9)^2 \right) = (\text{sq root}) \left( (0.94)^2 + (0.95)^2 \right) \\ &= 1.34 \text{ percentage points} \end{aligned}$$

The 90 percent confidence interval for the difference is formed as before:

$$\begin{aligned} &(6.70 - 1.645(1.34)) \text{ to } (6.70 + 1.645(1.34)) \\ &\text{or} \\ &4.50 \text{ to } 8.90 \end{aligned}$$

One can say with 90 percent confidence that the interval includes the difference that would have been obtained by averaging the results from all possible samples.

For reasonably large samples, ratio estimates are normally distributed, particularly for the census population. Therefore, if we can calculate the standard error of a ratio estimate then we can form a confidence interval around the ratio. Suppose that one wished to obtain the standard error of the ratio of the estimate of persons who were 16 years and over and who were in the civilian labor force in City A to the estimate of persons who were 16 years and over and who were in the civilian labor force in City B. The ratio of the two estimates of interest is:

$$9948/9314 = 1.07$$

$$\begin{aligned}
 SE(1.07) &= \left( \frac{9948}{9314} \right) (\text{sq root}) \frac{179}{2} + \frac{188}{2} \\
 &= .029
 \end{aligned}$$

Using the results above, the 90 percent confidence interval for this ratio would be:

$$\begin{aligned}
 &(1.07-1.645(.029)) \text{ to } (1.07+1.645(.029)) \\
 &\text{or} \\
 &1.02 \text{ to } 1.12
 \end{aligned}$$

#### ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure (iterative proportional fitting) resulting in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units possessing the characteristic in the tabulation area. Estimates of family or household characteristics were based on the weight assigned to the family member designated as householder. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value 6, all characteristics of that person or housing unit would be tabulated with the weight of 6. The estimation procedure, however, did assign weights varying from person to person or housing unit to housing unit. The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas generally were formed of contiguous geographic units which agreed closely with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas never crossed State or county boundaries. In small counties with a sample count below 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in four stages. For persons, the first stage applied 17 household-type groups. The second stage used two groups: sampling rate of 1-in-2; sampling rate less than 1-in-2. The third stage used the dichotomy householders/nonhouseholders. The fourth stage applied 180 aggregate age-sex-race-Hispanic origin categories. The stages were as follows:

#### PERSONS

##### STAGE 1: TYPE OF HOUSEHOLD

|  |  |
|--|--|
| Group                                  | Persons in Housing Units With a Family With Own Children Under 18    |
| 1                                      | 2 persons in housing unit  |
| 2                                      | 3 persons in housing unit  |
| 3                                      | 4 persons in housing unit  |
| 4                                      | 5 to 7 persons in housing unit                                       |
| 5                                      | 8 or more persons in housing unit                                    |
|  | Persons in Housing Units With a Family Without Own Children Under 18 |
| 6-10                                   | 2 through 8 or more persons in housing unit                          |
|  | Persons in All Other Housing Units                                   |
| 11                                     | 1 person in housing unit   |
| 12-16                                  | 2 through 8 or more persons in housing unit                          |
|  | Persons in Group Quarters  |
| 17                                     | Persons in Group Quarters  |
| STAGE II: SAMPLING RATES               |  |
| 1                                      | Sampling rate of 1-in-2  |
| 2                                      | Sampling rate less than 1-in-2                                       |
| STAGE III: HOUSEHOLDER/NONHOUSEHOLDER  |  |
| 1                                      | Householder  |
| 2                                      | Nonhouseholder   |
| STAGE IV: AGE/SEX/RACE/HISPANIC ORIGIN |  |
| Group                                  | White  |
|  | Persons of Hispanic Origin   |
|  | Male   |
| 1                                      | 0 to 4 years   |
| 2                                      | 5 to 14 years  |
| 3                                      | 15 to 19 years   |
| 4                                      | 20 to 24 years   |
| 5                                      | 25 to 34 years   |
| 6                                      | 35 to 54 years   |
| 7                                      | 55 to 64 years   |
| 8                                      | 65 to 74 years   |
| 9                                      | 75 years and over  |
|  | Female   |
| 10-18                                  | Same age categories as groups 1 through 9.                           |

19-36 Persons Not of Hispanic Origin  
Same sex and age categories as groups 1 through 18.

37-72 Black  
Same age/sex/Hispanic origin categories as groups  
1 through 36.

#### STAGE II: SAMPLING RATES

73-108 Asian or Pacific Islander  
Same age/sex/Hispanic origin categories as groups  
1 through 36.

109-144 American Indian, Eskimo, or Aleut  
Same age/sex/Hispanic origin categories as groups  
1 through 36.

145-180 Other Race (includes those races not listed above)  
Same age/sex/Hispanic origin categories as groups  
1 through 36.

Within a weighting area, the first step in the estimation procedure was to assign an initial weight to each sample person record. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure, prior to iterative proportional fitting was to combine categories in each of the four estimation stages, when needed to increase the reliability of the radio estimation procedure. For each stage, any group that did not meet certain criteria for the unweighted sample count or for the ratio of the 100-percent to the initially weighted sample count, was combined, or collapsed with another group in the same stage according to a specified collapsing pattern. At the fourth stage, an additional criterion concerning the number of complete count persons in each race/Hispanic origin category was applied.

As the final step, the initial weights underwent four stages of ratio adjustment applying the grouping procedures described above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight.

In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Next, at stage III, the stage II weights were adjusted by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. Finally, at stage IV, the stage III weights were adjusted by the ratio of the complete census count to the sum of the stage III weights for sample persons in each stage IV group. The four stages of ratio adjustment were performed two times (two

iterations) in the order given above. The weights obtained from the second iteration for stage IV were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight of the persons in a particular group was 7.25 then 1/4 of the sample persons in this group were randomly assigned a weight of 8, while the remaining 3/4 received a weight of 7.

The ratio estimation procedure for housing units was essentially the same as that for persons, except that vacant units were treated differently. The occupied housing unit ratio estimation procedure was done in four stages, and the vacant housing unit ratio estimation procedure was done in a single stage. The first stage for occupied housing units applied 16 household type categories, while the second stage used the two sampling categories described above for persons. The third stage applied three units-in-structure categories; i.e. single units, multi-unit less than 10 and multi-unit 10 or more. The fourth stage could potentially use 200 tenure-race-Hispanic origin-value/rent groups. The stages for ratio estimation for housing units were as follows:

OCCUPIED HOUSING UNITS

STAGE I: TYPE OF HOUSEHOLD

|       |   |
|-------|---|
| Group | Housing Units With a Family With Own Children Under 18    |
| 1     | 2 persons in housing unit                                 |
| 2     | 3 persons in housing unit                                 |
| 3     | 4 persons in housing unit                                 |
| 5     | 5 to 7 persons in housing unit                            |
| 5     | 8 or more persons in housing unit                         |
|       | Housing Units With a Family Without Own Children Under 18 |
| 6-10  | 2 through 8 or more persons in housing unit               |
|       | All Other Housing Units                                   |
| 11    | 1 person in housing unit                                  |
| 12-16 | 2 through 8 or more persons in housing unit               |

STAGE II: SAMPLING RATE CATEGORY

|   |                                |
|---|--------------------------------|
| 1 | Sampling rate of 1-in-2        |
| 2 | Sampling rate less than 1-in-2 |

STAGE III: UNITS IN STRUCTURE

|   |   |
|---|---|
| 1 | Single unit structure   |
| 2 | Multi-unit structure consisting of fewer than 10 individual units |

3 Multi-unit structure consisting of 10 or more individual units

STAGE IV: TENURE/RACE AND HISPANIC ORIGIN OF HOUSEHOLDER/VALUE OR RENT

| Group  | Owner  |
|--------|--|
|        | White Householder  |
|        | Householder of Hispanic Origin                               |
|        | Value  |
| 1      | Less than \$20,000   |
| 2      | \$20,000 to \$39,999   |
| 3      | \$40,000 to \$59,999   |
| 4      | \$60,000 to \$79,999   |
| 5      | \$80,000 to \$99,999   |
| 6      | \$100,000 to \$149,999                                       |
| 7      | \$150,000 to \$249,999                                       |
| 8      | \$250,000 to \$299,999                                       |
| 9      | \$300,000 or more  |
| 10     | Other /1   |
|        | Householder Not of Hispanic Origin                           |
| 11-20  | Same value categories as groups 1 through 10                 |
|        | Black Householder  |
| 21-40  | Same Hispanic origin/value categories as groups 1 through 20 |
|        | Asian or Pacific Islander Householder                        |
| 41-60  | Same Hispanic origin/value categories as groups 1 through 20 |
|        | American Indian, Eskimo, or Aleut Householder                |
| 61-80  | Same Hispanic origin/value categories as groups 1 through 20 |
|        | Householder of Other Race                                    |
| 81-100 | Same Hispanic origin/value categories as groups 1 through 20 |
|        | Renter   |
|        | White Householder  |
|        | Householder of Hispanic origin                               |
|        | Rent   |
| 101    | Less than \$100  |
| 102    | \$100 to \$199   |
| 103    | \$200 to \$299   |
| 104    | \$300 to \$399   |
| 105    | \$400 to \$499   |
| 106    | \$500 to \$599   |
| 107    | \$600 to \$749   |

|         |  |
|---------|--|
| 108     | \$750 to \$999   |
| 109     | \$1,000 or more  |
| 110     | No cash rent   |
|         | Householder Not of Hispanic Origin                             |
| 111-120 | Same rent categories as groups 101 through 110                 |
|         | Black Householder  |
| 121-140 | Same Hispanic origin/rent categories as groups 101 through 120 |
|         | Asian or Pacific Islander Householder                          |
| 141-160 | Same Hispanic origin/rent categories as groups 101 through 120 |
|         | American Indian, Eskimo, or Aleut Householder                  |
| 161-180 | Same Hispanic origin/rent categories as groups 101 through 120 |
|         | Householder of Other Race                                      |
| 181-200 | Same Hispanic origin/rent categories as groups 101 through 120 |
|         | Vacant Housing Units   |
| 1       | Vacant for rent  |
| 2       | Vacant for sale  |
| 3       | Other vacant   |

---

/1 Value of units in this category results from other factors besides housing value alone, for example, inclusion of more than 10 acres of land, or presence of a business establishment on the premises.

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and if the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial, unadjusted weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete count figures for the population and housing unit groups used in the estimation procedure.

CONTROL OF NONSAMPLING ERROR

As mentioned earlier, both sample and 100-percent data are subject to nonsampling error. This component of error could introduce serious bias into the data, and the total error could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the decennial census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. Described below are the primary sources of nonsampling error and the programs instituted for control of this error. The success of these programs, however, was contingent upon how well the instructions actually were carried out during the census. As part of the 1990 census evaluation program, both the effects of these programs and the amount of error remaining after their application will be evaluated.

**UNDERCOVERAGE**-It is possible for some households or persons to be missed entirely by the census. The undercoverage of persons and housing units can introduce biases into the data.

Several coverage improvement programs were implemented during the development of the census address list and census enumeration and processing to minimize undercoverage of the population and housing units. These programs were developed based on experience from the 1980 census and results from the 1990 census testing cycle. In developing and updating the census address list, the Census Bureau used a variety of specialized procedures in different parts of the country.

- In the large urban areas, the Census Bureau purchased and geocoded address lists. Concurrent with geocoding, the United States Postal Service (USPS) reviewed and updated this list. After the postal check, census enumerators conducted a dependent canvass and update operation. In the fall of 1989, local officials were given the opportunity to examine block counts of address listings (local review) and identify possible errors. Prior to mailout, the USPS conducted a final review.
- In small cities, suburban areas, and selected rural parts of the country, the Census Bureau created the address list through a listing operation. The USPS reviewed and updated this list, and the Census Bureau reconciled USPS corrections and updated through a field operation. In the fall of 1989, local officials participated in reviewing block counts of address listings. Prior to mailout, the USPS conducted a final review.
- The Census Bureau (rather than the USPS) conducted a listing operation in the fall of 1989 and delivered census questionnaires in selected rural and seasonal housing areas in March of 1990. In some inner-city public housing developments, whose addresses had been obtained via the purchased address list noted above, census questionnaires were also delivered by Census Bureau enumerators.



Coverage improvement programs continued during and after mailout. A recheck of units initially classified as vacant or nonexistent improved further the coverage of persons and housing units. All local officials were given the opportunity to participate in a post-census local review, and census enumerators conducted an additional recanvass. In addition, efforts were made to improve the coverage of unique population groups, such as the homeless and parolees/probationers. Computer and clerical edits and telephone and personal visit followup also contributed to improved coverage.

More extensive discussion of the programs implemented to improve coverage will be published by the Census Bureau when the evaluation of the coverage improvement program is completed.

**RESPONDENT AND ENUMERATOR ERROR**-The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error, although the questions were phrased as clearly as possible based on precensus tests, and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency, and problems were followed up as necessary.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect data for households that were not designated as part of the sample. To control these problems, the work of enumerators was monitored carefully. Field staff were prepared for their tasks by using standardized training packages that included hands-on experience in using census materials. A sample of the households interviewed by enumerators for nonresponse were reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

**PROCESSING ERROR**-The many phases involved in processing the census data represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

**NONRESPONSE**-Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any imputation procedure using respondent data may not completely reflect this difference either at the elemental level (individual person or housing unit) or on the average. Some

protection against the introduction of large biases is afforded by minimizing nonresponse. In the census, nonresponse was reduced substantially during the field operations by the various edit and followup operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were imputed by the computer by using reported data for a person or housing unit with similar characteristics.

#### EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of data that describes the population as accurately and clearly as possible. To meet this objective, questionnaires were edited during field data collection operations for consistency, completeness, and acceptability. Questionnaires also were reviewed by census clerks for omissions, certain specific inconsistencies, and population coverage. For example, write-in entries such as "Don't know" or "NA" were considered unacceptable. For some district offices, the initial edit was automated; however, for the majority of the district offices, it was performed by clerks. As a result of this operation, a telephone or personal visit followup was made to obtain missing information. Potential coverage errors were included in the followup, as well as a sample of questionnaires with omissions and or inconsistencies.

Subsequent to field operations, remaining incomplete or inconsistent information on the questionnaires was assigned using imputation procedures during the final automated edit of the collected data. Imputations, or computer assignments of acceptable codes in place of unacceptable entries or blanks, are needed most often when an entry for a given item is lacking or when the information reported for a person or housing unit on that item is inconsistent with other information for that same person or housing unit. As in previous censuses, the general procedure for changing unacceptable entries was to assign an entry for a person or housing unit that was consistent with entries for persons or housing units with similar characteristics. The assignment of acceptable codes in place of blanks or unacceptable entries enhances the usefulness of the data.

Another way in which corrections were made during the computer editing process was through substitution; that is, the assignment of a full set of characteristics for a person or housing unit. When there was an indication that a housing unit was occupied but the questionnaire contained no information for the people within the household or the occupants were not listed on the questionnaire, a previously accepted household was selected as a substitute, and the full set of characteristics for the substitute was duplicated. The assignment of the full set of housing characteristics occurred when there was no housing information available. If the housing unit was determined to be occupied, the housing characteristics were assigned from a previously processed occupied unit. If the housing unit was vacant, the housing characteristics were assigned from a previously

processed vacant unit.





| ESTIMATED TOTAL /1 | SIZE OF PUBLICATION AREA /2 |         |           |           |            |            |
|--------------------|-----------------------------|---------|-----------|-----------|------------|------------|
|                    | 250,000                     | 500,000 | 1,000,000 | 5,000,000 | 10,000,000 | 25,000,000 |
| 50.....            | 16                          | 16      | 16        | 16        | 16         | 16         |
| 100.....           | 22                          | 22      | 22        | 22        | 22         | 22         |
| 250.....           | 35                          | 35      | 35        | 35        | 35         | 35         |
| 500.....           | 50                          | 50      | 50        | 50        | 50         | 50         |
| 1,000.....         | 70                          | 70      | 70        | 70        | 70         | 70         |
| 2,500.....         | 110                         | 110     | 110       | 110       | 110        | 110        |
| 5,000.....         | 160                         | 160     | 160       | 160       | 160        | 160        |
| 10,000.....        | 220                         | 220     | 220       | 220       | 220        | 220        |
| 15,000.....        | 270                         | 270     | 270       | 270       | 270        | 270        |
| 25,000.....        | 340                         | 350     | 350       | 350       | 350        | 350        |
| 75,000.....        | 510                         | 570     | 590       | 610       | 610        | 610        |
| 100,000.....       | 550                         | 630     | 670       | 700       | 700        | 710        |
| 250,000.....       | -                           | 790     | 970       | 1090      | 1100       | 1100       |
| 500,000.....       | -                           | -       | 1120      | 1500      | 1540       | 1570       |
| 1,000,000...       | -                           | -       | -         | 2000      | 2120       | 2190       |
| 5,000,000...       | -                           | -       | -         | -         | 3540       | 4470       |
| 10,000,000..       | -                           | -       | -         | -         | -          | 5480       |

/1 For estimated totals larger than 10,000,000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$SE(\hat{Y}) = (\text{sq root}) \sqrt{5 \frac{\hat{Y}(1 - \frac{\hat{Y}}{N})}{N}}$$

N = Size of area

$\hat{Y}$  = Estimate of characteristic total

/2 The total count of persons in the area if the estimated total is a person characteristic, or the total count of housing units in the area if the estimated total is a housing unit characteristic.

TABLE B. UNADJUSTED STANDARD ERROR IN PERCENTAGE POINTS FOR ESTIMATED PERCENTAGE

(Based on 1-in-6 random sample)

| ESTIMATED PERCENTAGE | BASE OF PERCENTAGE /1 |     |       |       |       |       |       |
|----------------------|-----------------------|-----|-------|-------|-------|-------|-------|
|                      | 500                   | 750 | 1,000 | 1,500 | 2,500 | 5,000 | 7,500 |
| 2 or 98.....         | 1.4                   | 1.1 | 1.0   | 0.8   | 0.6   | 0.4   | 0.4   |
| 5 or 95.....         | 2.2                   | 1.8 | 1.5   | 1.3   | 1.0   | 0.7   | 0.6   |
| 10 or 90.....        | 3.0                   | 2.4 | 2.1   | 1.7   | 1.3   | 0.9   | 0.8   |
| 15 or 85.....        | 3.6                   | 2.9 | 2.5   | 2.1   | 1.6   | 1.1   | 0.9   |
| 20 or 80.....        | 4.0                   | 3.3 | 2.8   | 2.3   | 1.8   | 1.3   | 1.0   |
| 25 or 75.....        | 4.3                   | 3.5 | 3.1   | 2.5   | 1.9   | 1.4   | 1.1   |
| 30 or 70.....        | 4.6                   | 3.7 | 3.2   | 2.6   | 2.0   | 1.4   | 1.2   |
| 35 or 65.....        | 4.8                   | 3.9 | 3.4   | 2.8   | 2.1   | 1.5   | 1.2   |
| 50.....              | 5.0                   | 4.1 | 3.5   | 2.9   | 2.2   | 1.6   | 1.3   |

| ESTIMATED PERCENTAGE | BASE OF PERCENTAGE /1 |        |        |         |         |         |
|----------------------|-----------------------|--------|--------|---------|---------|---------|
|                      | 10,000                | 25,000 | 50,000 | 100,000 | 250,000 | 500,000 |
| 2 or 98.....         | 0.3                   | 0.2    | 0.1    | 0.1     | 0.1     | 0.1     |
| 5 or 95.....         | 0.5                   | 0.3    | 0.2    | 0.2     | 0.1     | 0.1     |
| 10 or 90.....        | 0.7                   | 0.4    | 0.3    | 0.2     | 0.1     | 0.1     |
| 16 or 85.....        | 0.8                   | 0.5    | 0.4    | 0.3     | 0.2     | 0.1     |
| 20 or 80.....        | 0.9                   | 0.6    | 0.4    | 0.3     | 0.2     | 0.1     |
| 25 or 75.....        | 1.0                   | 0.6    | 0.4    | 0.3     | 0.2     | 0.1     |
| 30 or 70.....        | 1.0                   | 0.6    | 0.5    | 0.3     | 0.2     | 0.1     |
| 35 or 65.....        | 1.1                   | 0.7    | 0.5    | 0.3     | 0.2     | 0.2     |
| 50.....              | 1.1                   | 0.7    | 0.5    | 0.4     | 0.2     | 0.2     |

/1 For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error. This table should only be used for proportions, that is, where the numerator is a subset of the denominator.

$$SE(p) = \frac{\sqrt{p(100-p)}}{\sqrt{B}}$$

B = Base of estimated percentage

p = Estimated percentage





Table C. Standard Error Design Factors-United States  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.2                     | 0.9                 | 0.5                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.6                     | 2.3                 | 1.5                 | 1.2                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.1                     | 1.7                 | 1.0                 | 0.8                   |
| Place of birth.....   | 2.2                     | 2.1                 | 1.2                 | 1.1                   |
| Citizenship.....  | 1.8                     | 1.5                 | 0.9                 | 0.7                   |
| Residence in 1985.....  | 2.1                     | 1.9                 | 1.1                 | 0.9                   |
| Year of entry.....  | 1.5                     | 1.2                 | 0.6                 | 0.5                   |
| Language spoken at home<br>and ability to speak<br>English..... | 1.7                     | 1.4                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.8                     | 1.5                 | 0.9                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.2                     | 2.2                 | 1.4                 | 1.1                   |
| Household type.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.0                     | 0.9                 | 0.8                 | 0.8                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.5                     | 1.2                 | 0.7                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.2                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.5                     | 1.2                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.5 | 1.2 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.4 | 0.8 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.5 | 1.2 | 0.7 | 0.5 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 1.0 | 0.6 | 0.5 |
| Condominium status....                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Units in structure....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.1 | 0.5 | 0.5 |
| Kitchen facilities....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.1 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.2 | 1.0 | 0.5 | 0.4 |
| House heating fuel....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                        | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in 1989<br>by selected monthly<br>owner costs as a<br>percentage of income | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors-Alabama  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin<br>(of any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.5                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Children ever born.....   | 2.7                     | 2.6                 | 1.5                 | 1.3                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.4                     | 2.1                 | 1.2                 | 1.0                   |
| Place of birth.....   | 2.6                     | 2.3                 | 1.4                 | 1.0                   |
| Citizenship.....  | 1.8                     | 1.6                 | 0.9                 | 0.7                   |
| Residence In 1985.....  | 2.1                     | 1.9                 | 1.1                 | 0.9                   |
| Year of entry.....  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.7                     | 1.5                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.7                     | 1.5                 | 0.8                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.1                     | 2.1                 | 1.2                 | 0.9                   |
| Household type.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.0                     | 0.9                 | 0.8                 | 0.7                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.2                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.3                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy                                | 1.4 | 1.3 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.7 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.7 | 1.5 | 0.8 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.4 | 1.3 | 0.7 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.2 | 1.1 | 0.6 | 0.5 |
| Condominium status....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Units in structure....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent.....   | 1.2 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.1 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.3 | 1.3 | 0.5 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.1 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.2 | 1.1 | 0.5 | 0.5 |
| House heating fuel....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.1 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income in<br>1989.....                                | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors-Alaska  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.6                 | 0.5                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.1                 | 0.7                 | 0.6                   |
| Children ever born....  | 2.4                     | 2.0                 | 1.4                 | 1.4                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.0                     | 1.8                 | 1.2                 | 1.2                   |
| Place of birth.....   | 1.6                     | 1.5                 | 1.0                 | 0.9                   |
| Citizenship.....  | 1.7                     | 1.5                 | 1.0                 | 0.8                   |
| Residence in 1985.....  | 2.0                     | 1.8                 | 1.1                 | 1.0                   |
| Year of entry.....  | 1.4                     | 1.1                 | 0.7                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.6                     | 1.4                 | 0.8                 | 0.6                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| School enrollment.....  | 1.7                     | 1.4                 | 0.9                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.4                     | 2.4                 | 1.2                 | 1.2                   |
| Household type.....   | 1.3                     | 1.1                 | 0.7                 | 0.6                   |
| Family type.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.0                     | 1.0                 | 0.8                 | 0.8                   |
| Subfamily type and<br>presence of children                      | 1.1                     | 1.0                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.3                     | 1.2                 | 0.7                 | 0.5                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.4                     | 1.2                 | 0.7                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.2                 | 0.8                 | 0.5                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.2                 | 0.7                 | 0.5                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.7                 | 0.5                   |

|  |     |     |     |     |
|--|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                                  | 1.4 | 1.2 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                            | 1.3 | 1.1 | 0.7 | 0.5 |
| Type of income in<br>1989.....                                     | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                                   | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989.<br>Poverty status in 1989<br>(persons)..... | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(families).....                          | 1.6 | 1.4 | 0.8 | 0.7 |
| Armed Forces and<br>veteran status.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
|  | 1.3 | 1.1 | 0.7 | 0.6 |
| HOUSING  |     |     |     |     |
| Age of householder....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...   | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                             | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                            | 1.0 | 0.9 | 0.5 | 0.5 |
| Condominium status....   | 1.2 | 1.0 | 0.5 | 0.5 |
| Units in structure....   | 1.1 | 1.0 | 0.6 | 0.5 |
| Tenure.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in<br>1989.....                                   | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..   | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....   | 1.2 | 1.0 | 0.5 | 0.5 |
| Kitchen facilities....   | 1.3 | 1.0 | 0.5 | 0.5 |
| Source of water,<br>plumbing facilities.                           | 1.3 | 1.1 | 0.5 | 0.5 |
| Sewage disposal.....   | 1.1 | 1.0 | 0.5 | 0.4 |
| House heating fuel....   | 1.3 | 1.1 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                                  | 1.3 | 1.1 | 0.6 | 0.5 |
| Vehicles available....   | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....              | 1.1 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs.....        | 1.1 | 1.0 | 0.6 | 0.5 |



|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income in<br>1989.....                        | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in 1989<br>by selected monthly<br>owner costs as a<br>percentage of income | 1.1 | 1.0 | 0.6 | 0.5 |

Table C. Standard Error Design Factors-Arkansas  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin<br>(of any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.5                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.8                     | 2.6                 | 1.7                 | 1.4                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Ancestry.....   | 2.2                     | 1.9                 | 1.1                 | 0.9                   |
| Place of birth.....   | 2.3                     | 1.9                 | 1.2                 | 0.9                   |
| Citizenship.....  | 1.8                     | 1.6                 | 0.9                 | 0.7                   |
| Residence in 1985.....  | 2.1                     | 1.9                 | 1.0                 | 0.8                   |
| Year of entry.....  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.7                     | 1.5                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.7                     | 1.6                 | 0.8                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.7                     | 2.7                 | 1.2                 | 0.7                   |
| Household type.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.1                 | 0.5                 | 0.5                   |
| Group quarters.....   | 1.1                     | 1.0                 | 0.8                 | 0.8                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.6                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.3                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.3 | 0.7 | 0.6 |
| Time leaving home<br>to go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.7 | 1.4 | 0.8 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.4 | 1.2 | 0.7 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 1.1 | 0.5 | 0.5 |
| Condominium status....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Units in structure....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Kitchen facilities....                                      | 1.2 | 1.2 | 0.5 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.1 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.2 | 1.1 | 0.5 | 0.4 |
| House heating fuel....                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.5 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                        | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in 1989<br>by selected monthly<br>owner costs as a<br>percentage of income | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors-Arizona  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin<br>(of any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.2                     | 0.9                 | 0.6                 | 0.5                   |
| Household type and<br>relationship.....                         | 1.4                     | 1.1                 | 0.7                 | 0.6                   |
| Children ever born....  | 2.7                     | 2.3                 | 1.6                 | 1.4                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.1                     | 1.8                 | 1.1                 | 1.0                   |
| Place of birth.....   | 1.8                     | 1.5                 | 1.0                 | 0.8                   |
| Citizenship.....  | 1.9                     | 1.5                 | 1.0                 | 0.8                   |
| Residence in 1985.....  | 2.1                     | 1.8                 | 1.1                 | 0.9                   |
| Year of entry.....  | 1.5                     | 1.2                 | 0.6                 | 0.6                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.7                     | 1.4                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.4                     | 1.1                 | 0.7                 | 0.5                   |
| School enrollment.....  | 1.9                     | 1.5                 | 1.0                 | 0.8                   |
| Type of residence<br>(urban/rural).....                         | 2.4                     | 2.1                 | 0.9                 | 0.7                   |
| Household type.....   | 1.4                     | 1.1                 | 0.7                 | 0.6                   |
| Family type.....  | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.1                     | 1.0                 | 1.0                 | 1.0                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Employment status.....  | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.5                     | 1.2                 | 0.7                 | 0.5                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.4                     | 1.1                 | 0.7                 | 0.5                   |
| Place of work.....  | 1.6                     | 1.2                 | 0.8                 | 0.5                   |
| Means of transportation<br>to work.....                         | 1.5                     | 1.2                 | 0.7                 | 0.5                   |
| Travel time to work...  | 1.4                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.5 | 1.2 | 0.8 | 0.5 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.7 | 0.6 |
| Household income in<br>1989.....                            | 1.3 | 1.1 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.3 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.7 | 1.4 | 0.8 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.5 | 1.2 | 0.8 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 0.9 | 0.6 | 0.4 |
| Condominium status....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Units in structure....                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent.....   | 1.3 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.3 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.3 | 1.1 | 0.5 | 0.4 |
| Source of water,<br>plumbing facilities.                    | 1.4 | 1.2 | 0.6 | 0.6 |
| Sewage disposal.....  | 1.2 | 1.0 | 0.6 | 0.6 |
| House heating fuel....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.1 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.6 | 0.5 |

|  |     |     |     |     |
|--|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                         | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in 1989<br>by selected monthly<br>owner costs as a<br>percentage of income. | 1.2 | 1.0 | 0.6 | 0.5 |

Table C. Standard Error Design Factors-California  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin<br>(of any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.2                     | 1.0                 | 0.6                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.4                     | 1.1                 | 0.7                 | 0.5                   |
| Children ever born....  | 2.6                     | 2.3                 | 1.4                 | 1.1                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.3                     | 1.9                 | 1.1                 | 0.7                   |
| Place of birth.....   | 1.9                     | 1.6                 | 1.0                 | 0.7                   |
| Citizenship.....  | 1.8                     | 1.5                 | 1.0                 | 0.7                   |
| Residence in 1985.....  | 2.1                     | 1.8                 | 1.1                 | 0.8                   |
| Year of entry.....  | 1.7                     | 1.4                 | 0.7                 | 0.6                   |
| Language spoken at home<br>and ability to speak<br>English..... | 1.6                     | 1.4                 | 0.8                 | 0.6                   |
| Educational attainment  | 1.4                     | 1.2                 | 0.7                 | 0.5                   |
| School enrollment.....  | 1.8                     | 1.5                 | 1.0                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.5                     | 2.2                 | 1.7                 | 0.8                   |
| Household type.....   | 1.4                     | 1.1                 | 0.7                 | 0.5                   |
| Family type.....  | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.2                     | 1.2                 | 1.2                 | 0.8                   |
| Subfamily type and<br>presence of children                      | 1.3                     | 1.1                 | 0.6                 | 0.4                   |
| Employment status.....  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.2                 | 0.7                 | 0.5                   |
| Occupation.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.4                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.6                     | 1.3                 | 0.8                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.4                     | 1.2                 | 0.7                 | 0.5                   |



|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.5 | 1.3 | 0.7 | 0.5 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.7 | 0.5 |
| Type of income in 1989                                      | 1.5 | 1.2 | 0.7 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.1 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.7 | 1.4 | 0.8 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.6 | 1.3 | 0.7 | 0.5 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 1.0 | 0.7 | 0.5 |
| Condominium status....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Units in structure....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.1 | 0.6 | 0.5 |
| Gross rent.....   | 1.2 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.1 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.1 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.4 | 1.1 | 0.6 | 0.4 |
| Source of water,<br>plumbing facilities.                    | 1.4 | 1.2 | 0.6 | 0.6 |
| Sewage disposal.....  | 1.2 | 1.1 | 0.6 | 0.5 |
| House heating fuel....                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.3 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.1 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.6 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                        | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in 1989<br>by selected monthly<br>owner costs as a<br>percentage of income | 1.2 | 1.0 | 0.6 | 0.5 |

Table C. Standard Error Design Factors-Colorado  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin<br>(of any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.6                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| Children ever born....  | 2.5                     | 2.2                 | 1.4                 | 1.4                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 1.9                     | 1.6                 | 1.1                 | 0.8                   |
| Place of birth.....   | 1.8                     | 1.6                 | 1.0                 | 0.8                   |
| Citizenship.....  | 1.8                     | 1.4                 | 1.0                 | 0.7                   |
| Residence in 1985.....  | 1.9                     | 1.7                 | 1.1                 | 0.8                   |
| Year of entry.....  | 1.4                     | 1.2                 | 0.6                 | 0.5                   |
| Language spoken at home<br>and ability to speak<br>English..... | 1.6                     | 1.4                 | 0.9                 | 0.6                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| School enrollment.....  | 1.7                     | 1.4                 | 1.0                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.1                     | 2.1                 | 1.8                 | 1.2                   |
| Household type.....   | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| Family type.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.0                     | 0.9                 | 0.9                 | 0.7                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.8                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Place of work.....  | 1.4                     | 1.2                 | 0.8                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.2                 | 0.8                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.7                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.2 | 0.8 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.7 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.7 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.3 | 0.8 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.4 | 1.1 | 0.8 | 0.5 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder...                        | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 0.9 | 0.6 | 0.5 |
| Condominium status....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Units in structure....                                      | 1.1 | 1.0 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.1 | 1.0 | 0.6 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.2 | 1.2 | 0.9 | 0.4 |
| Source of water,<br>plumbing facilities.                    | 1.4 | 1.1 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.1 | 0.9 | 0.5 | 0.4 |
| House heating fuel....                                      | 1.4 | 1.1 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.7 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.1 | 1.0 | 0.6 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                                | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.2 | 1.0 | 0.6 | 0.5 |

Table C. Standard Error Design Factors-Connecticut  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.2                     | 0.9                 | 0.5                 | 0.5                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.0                 | 0.5                 | 0.5                   |
| Children ever born....  | 2.5                     | 2.1                 | 1.2                 | 1.0                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.1                 | 0.5                 | 0.5                   |
| Ancestry.....   | 1.9                     | 1.6                 | 0.8                 | 0.7                   |
| Place of birth.....   | 2.0                     | 1.7                 | 0.9                 | 0.8                   |
| Citizenship.....  | 1.8                     | 1.5                 | 0.9                 | 0.7                   |
| Residence in 1985.....  | 2.1                     | 1.9                 | 1.0                 | 0.9                   |
| Year of entry.....  | 1.5                     | 1.2                 | 0.6                 | 0.5                   |
| Language spoken at home<br>and ability to speak<br>English..... | 1.7                     | 1.5                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.8                     | 1.4                 | 0.8                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.1                     | 1.8                 | 1.0                 | 0.8                   |
| Household type.....   | 1.3                     | 1.0                 | 0.5                 | 0.5                   |
| Family type.....  | 1.2                     | 1.1                 | 0.5                 | 0.5                   |
| Group quarters.....   | 1.5                     | 1.5                 | 1.5                 | 1.5                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.3                     | 1.0                 | 0.5                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.3                     | 1.1                 | 0.5                 | 0.5                   |
| Class of worker.....  | 1.5                     | 1.3                 | 0.6                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.4                     | 1.1                 | 0.6                 | 0.6                   |
| Place of work.....  | 1.5                     | 1.3                 | 0.6                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.4                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.5 | 1.3 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.1 | 0.5 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.3 | 0.7 | 0.6 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.5 | 1.2 | 0.6 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 0.9 | 0.6 | 0.5 |
| Condominium status....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Units in structure....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent.....   | 1.3 | 1.1 | 0.5 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.1 | 0.5 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.1 | 0.5 | 0.5 |
| Kitchen facilities....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.1 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| House heating fuel....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.3 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.1 | 0.5 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                        | 1.3 | 1.1 | 0.5 | 0.5 |
| Household income in 1989<br>by selected monthly<br>owner costs as a<br>percentage of income | 1.2 | 1.0 | 0.5 | 0.5 |



Table C. Standard Error Design Factors-Delaware  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.2                     | 0.9                 | 0.5                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.5                     | 2.2                 | 1.4                 | 1.1                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.0                     | 1.7                 | 1.0                 | 0.8                   |
| Place of birth.....   | 1.9                     | 1.6                 | 1.0                 | 0.7                   |
| Citizenship.....  | 1.8                     | 1.5                 | 1.0                 | 0.7                   |
| Residence in 1985.....  | 2.0                     | 1.8                 | 1.0                 | 0.8                   |
| Year of entry.....  | 1.4                     | 1.1                 | 0.7                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.7                     | 1.5                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.7                     | 1.4                 | 1.0                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.4                     | 1.9                 | 0.9                 | 0.7                   |
| Household type.....   | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Group quarters.....   | 1.0                     | 0.8                 | 0.8                 | 0.7                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.5                     | 1.2                 | 0.8                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.6                 | 0.6                   |
| Place of work.....  | 1.5                     | 1.3                 | 0.8                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.5 | 1.3 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.3 | 0.7 | 0.6 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.4 | 1.2 | 0.7 | 0.5 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 0.9 | 0.6 | 0.5 |
| Condominium status....                                      | 1.1 | 1.0 | 0.5 | 0.5 |
| Units in structure....                                      | 1.1 | 1.0 | 0.5 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.1 | 1.0 | 0.5 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Kitchen facilities....                                      | 1.1 | 1.0 | 0.6 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.1 | 0.5 | 0.5 |
| Sewage disposal.....  | 1.1 | 0.9 | 0.5 | 0.5 |
| House heating fuel....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.1 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.1 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                                | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.1 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors-District of Columbia  
(Percent of persons or housing unit in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.4                     | 1.1                 | 0.7                 | 0.6                   |
| Household type and<br>relationship.....                         | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Children ever born....  | 2.7                     | 2.1                 | 1.3                 | 1.1                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.4                     | 1.7                 | 1.2                 | 1.0                   |
| Place of birth.....   | 1.9                     | 1.4                 | 0.9                 | 0.8                   |
| Citizenship.....  | 2.1                     | 1.7                 | 1.1                 | 0.9                   |
| Residence in 1985.....  | 2.1                     | 1.8                 | 1.0                 | 0.9                   |
| Year of entry.....  | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.9                     | 1.6                 | 0.9                 | 0.8                   |
| Educational attainment  | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| School enrollment.....  | 2.0                     | 1.5                 | 1.0                 | 0.8                   |
| Type of residence<br>(urban/rural).....                         | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Household type.....   | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Family type.....  | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.3                     | 0.9                 | 0.7                 | 0.5                   |
| Subfamily type and<br>presence of children                      | 1.3                     | 1.2                 | 0.7                 | 0.6                   |
| Employment status.....  | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Industry.....   | 1.3                     | 1.2                 | 0.7                 | 0.6                   |
| Occupation.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.4                     | 1.3                 | 0.7                 | 0.6                   |
| Place of work.....  | 1.7                     | 1.4                 | 0.8                 | 0.7                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.4                     | 1.1                 | 0.7                 | 0.6                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.3 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.4 | 1.2 | 0.7 | 0.6 |
| Type of income in 1989                                      | 1.5 | 1.2 | 0.7 | 0.6 |
| Household income in<br>1989.....                            | 1.2 | 1.1 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.7 | 1.3 | 0.8 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.8 | 1.4 | 0.9 | 0.8 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.2 | 1.0 | 0.6 | 0.5 |
| Condominium status....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Units in structure....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.1 | 0.6 | 0.5 |
| Gross rent.....   | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.1 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Rooms, bedrooms.....  | 1.3 | 1.1 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.4 | 1.1 | 0.7 | 0.6 |
| Sewage disposal.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| House heating fuel....                                      | 1.3 | 1.2 | 0.7 | 0.6 |
| Telephone in housing<br>unit.....                           | 1.3 | 1.0 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.3 | 1.1 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.1 | 0.6 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.6 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income in<br>1989.....                        | 1.3 | 1.1 | 0.7 | 0.5 |
| Household income in 1989<br>by selected monthly<br>owner costs as a<br>percentage of income | 1.2 | 1.1 | 0.6 | 0.5 |

Table C. Standard Error Design Factors-Florida  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin<br>(of any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.8                     | 2.4                 | 1.5                 | 1.5                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.1                     | 1.8                 | 1.0                 | 0.8                   |
| Place of birth.....   | 1.8                     | 1.5                 | 0.9                 | 0.8                   |
| Citizenship.....  | 1.9                     | 1.6                 | 1.0                 | 0.8                   |
| Residence in 1985.....  | 2.0                     | 1.8                 | 1.0                 | 0.8                   |
| Year of entry.....  | 1.5                     | 1.3                 | 0.6                 | 0.6                   |
| Language spoken at home<br>and ability to speak<br>English..... | 1.7                     | 1.4                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.4                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.9                     | 1.6                 | 1.0                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.2                     | 2.2                 | 1.0                 | 0.9                   |
| Household type.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Family type.....  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.2                     | 1.2                 | 1.2                 | 1.2                   |
| Subfamily type and<br>presence of children                      | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Employment status.....  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Industry.....   | 1.4                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.4                     | 1.2                 | 0.6                 | 0.6                   |
| Place of work.....  | 1.6                     | 1.3                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.4                     | 1.2                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.5 | 1.3 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.4 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.3 | 1.1 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.7 | 1.4 | 0.8 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.5 | 1.3 | 0.7 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.0 | 1.0 | 0.7 | 0.6 |
| Condominium status....                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Units in structure....                                      | 1.2 | 1.0 | 0.5 | 0.4 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent.....   | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.3 | 1.1 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.1 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.3 | 1.0 | 0.6 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.4 | 1.1 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| House heating fuel....                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Telephone in<br>housing unit.....                           | 1.3 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.3 | 1.1 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |



|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                        | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in 1989<br>by selected monthly<br>owner costs as a<br>percentage of income | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors-Georgia  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin<br>(of any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.6                     | 2.4                 | 1.5                 | 1.4                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.3                     | 2.1                 | 1.1                 | 1.0                   |
| Place of birth.....   | 2.3                     | 2.2                 | 1.3                 | 1.1                   |
| Citizenship.....  | 1.9                     | 1.6                 | 0.9                 | 0.8                   |
| Residence in 1985.....  | 2.1                     | 1.9                 | 1.0                 | 0.9                   |
| Year of entry.....  | 1.5                     | 1.1                 | 0.6                 | 0.6                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.7                     | 1.5                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.7                     | 1.5                 | 0.8                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.2                     | 2.2                 | 1.3                 | 1.3                   |
| Household type.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.1                 | 0.5                 | 0.5                   |
| Group quarters.....   | 1.0                     | 0.8                 | 0.8                 | 0.7                   |
| Subfamily type and<br>presence of children                      | 1.3                     | 1.0                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.4                     | 1.2                 | 0.6                 | 0.6                   |
| Place of work.....  | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|  |     |     |     |     |
|--|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                                  | 1.5 | 1.3 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                            | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in<br>1989.....                                     | 1.4 | 1.2 | 0.6 | 0.6 |
| Household income in<br>1989.....                                   | 1.2 | 1.0 | 0.5 | 0.5 |
| Family income in 1989.<br>Poverty status in 1989<br>(persons)..... | 1.2 | 1.0 | 0.5 | 0.5 |
| 1.7  | 1.4 | 0.8 | 0.7 |     |
| Poverty status in 1989<br>(families).....                          | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and<br>veteran status.....                            | 1.5 | 1.3 | 0.7 | 0.6 |
| HOUSING  |     |     |     |     |
| Age of householder....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...   | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                             | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                            | 1.1 | 1.0 | 0.6 | 0.5 |
| Condominium status....   | 1.2 | 1.1 | 0.5 | 0.5 |
| Units in structure....   | 1.2 | 1.1 | 0.5 | 0.5 |
| Tenure.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....   | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent.....  | 1.2 | 1.1 | 0.5 | 0.5 |
| Household income in<br>1989.....                                   | 1.2 | 1.0 | 0.5 | 0.5 |
| Year structure built..   | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....   | 1.2 | 1.1 | 0.6 | 0.5 |
| Kitchen facilities....   | 1.2 | 1.1 | 0.5 | 0.5 |
| Source of water,<br>plumbing facilities                            | 1.3 | 1.1 | 0.6 | 0.5 |
| Sewage disposal.....   | 1.2 | 1.1 | 0.5 | 0.5 |
| House heating fuel....   | 1.2 | 1.1 | 0.5 | 0.5 |
| Telephone in housing<br>unit.....                                  | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....   | 1.3 | 1.1 | 0.5 | 0.5 |
| Year householder moved<br>into structure.....                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....              | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs.....        | 1.2 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                                | 1.3 | 1.1 | 0.5 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard for Design Factors-Hawaii  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin<br>(of any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 1.0                 | 0.6                 | 0.5                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.7                     | 2.5                 | 1.3                 | 1.1                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.5                     | 2.3                 | 1.3                 | 1.1                   |
| Place of birth.....   | 2.0                     | 2.0                 | 1.0                 | 0.8                   |
| Citizenship.....  | 1.7                     | 1.5                 | 0.9                 | 0.7                   |
| Residence in 1985.....  | 2.1                     | 2.0                 | 1.0                 | 0.9                   |
| Year of entry.....  | 1.5                     | 1.3                 | 0.8                 | 0.6                   |
| Language spoken at home<br>and ability to speak<br>English..... | 1.6                     | 1.4                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.2                 | 0.7                 | 0.6                   |
| School enrollment.....  | 1.8                     | 1.6                 | 0.9                 | 0.8                   |
| Type of residence<br>(urban/rural).....                         | 2.4                     | 2.4                 | 1.2                 | 1.0                   |
| Household type.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Group quarters.....   | 0.9                     | 0.9                 | 0.5                 | 0.4                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Employment status.....  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.5                     | 1.3                 | 0.8                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.6                     | 1.4                 | 0.8                 | 0.7                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.3                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.2                 | 0.7                 | 0.6                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.3 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.2 | 0.7 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.7 | 0.6 |
| Household income in<br>1989.....                            | 1.2 | 1.1 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.4 | 0.8 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.5 | 1.3 | 0.8 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 1.1 | 0.5 | 0.4 |
| Condominium status....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Units in structure....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.1 | 0.6 | 0.5 |
| Gross rent.....   | 1.2 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.1 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.1 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.3 | 1.3 | 0.6 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.2 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.2 | 1.1 | 0.6 | 0.5 |
| House heating fuel....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.3 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.1 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.1 | 0.6 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.6 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                        | 1.2 | 1.1 | 0.6 | 0.5 |
| Household income in 1989<br>by selected monthly<br>owner costs as a<br>percentage of income | 1.2 | 1.1 | 0.6 | 0.5 |

Table C. Standard Error Design Factors-Idaho  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.0                     | 0.9                 | 0.6                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| Children ever born....  | 2.5                     | 2.3                 | 1.6                 | 1.2                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 1.9                     | 1.7                 | 1.1                 | 0.8                   |
| Place of birth.....   | 1.8                     | 1.6                 | 1.1                 | 0.8                   |
| Citizenship.....  | 1.6                     | 1.4                 | 1.0                 | 0.7                   |
| Residence in 1985.....  | 2.1                     | 1.8                 | 1.2                 | 0.9                   |
| Year of entry.....  | 1.4                     | 1.1                 | 0.7                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.6                     | 1.4                 | 0.9                 | 0.7                   |
| Educational attainment  | 1.2                     | 1.1                 | 0.7                 | 0.5                   |
| School enrollment.....  | 1.6                     | 1.4                 | 1.0                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.9                     | 2.4                 | 2.0                 | 1.4                   |
| Household type.....   | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| Family type.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Group quarters.....   | 0.9                     | 0.9                 | 0.8                 | 0.8                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 0.9                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.1                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.1                 | 0.7                 | 0.5                   |
| Hours per week and<br>weeks worked in 1989                      | 1.1                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| Place of work.....  | 1.4                     | 1.2                 | 0.8                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.7                 | 0.5                   |



|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.2 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.3 | 1.1 | 0.7 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.4 | 0.9 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.3 | 1.1 | 0.7 | 0.5 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 0.9 | 0.6 | 0.5 |
| Condominium status....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Units in structure....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.1 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.1 | 1.1 | 0.6 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.4 | 1.1 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.1 | 0.9 | 0.5 | 0.4 |
| House heating fuel....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.7 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.1 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.1 | 1.0 | 0.6 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a percentage of household income in 1989.....                             | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.1 | 1.0 | 0.6 | 0.5 |

Table C. Standard Error Design Factors-Illinois  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.2                     | 0.9                 | 0.5                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.6                     | 2.3                 | 1.3                 | 1.2                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Ancestry.....   | 2.1                     | 1.7                 | 0.9                 | 0.8                   |
| Place of birth.....   | 2.3                     | 2.1                 | 1.2                 | 1.1                   |
| Citizenship.....  | 1.8                     | 1.5                 | 0.8                 | 0.7                   |
| Residence in 1985.....  | 2.1                     | 1.9                 | 1.0                 | 0.9                   |
| Year of entry.....  | 1.5                     | 1.2                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.7                     | 1.4                 | 0.7                 | 0.6                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.8                     | 1.4                 | 0.8                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.3                     | 2.3                 | 1.3                 | 0.9                   |
| Household type.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.1                 | 0.5                 | 0.5                   |
| Group quarters.....   | 1.0                     | 0.9                 | 0.8                 | 0.7                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.3                     | 1.0                 | 0.5                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.3                     | 1.0                 | 0.5                 | 0.5                   |
| Class of worker.....  | 1.5                     | 1.2                 | 0.6                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.4                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.3                 | 0.6                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.5                     | 1.2                 | 0.6                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.5 | 1.3 | 0.6 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.7 | 1.4 | 0.7 | 0.6 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.6 | 1.2 | 0.6 | 0.5 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 1.0 | 0.6 | 0.5 |
| Condominium status....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Units in structure....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent.....   | 1.3 | 1.1 | 0.5 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.1 | 0.5 | 0.5 |
| Kitchen facilities....                                      | 1.3 | 1.1 | 0.5 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.1 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.2 | 1.0 | 0.5 | 0.4 |
| House heating fuel....                                      | 1.4 | 1.1 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.3 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder<br>moved into structure                    | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a percentage of household income in 1989.....                             | 1.3 | 1.1 | 0.5 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors-Indiana  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin<br>(of any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.5                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.0                 | 0.5                 | 0.5                   |
| Children ever born....  | 2.6                     | 2.3                 | 1.3                 | 1.1                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Ancestry.....   | 2.0                     | 1.8                 | 0.9                 | 0.8                   |
| Place of birth.....   | 2.3                     | 2.1                 | 1.1                 | 1.0                   |
| Citizenship.....  | 1.8                     | 1.5                 | 0.8                 | 0.7                   |
| Residence in 1985.....  | 2.1                     | 1.9                 | 1.0                 | 0.9                   |
| Year of entry.....  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.7                     | 1.4                 | 0.7                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.7                     | 1.4                 | 0.8                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.7                     | 2.7                 | 1.0                 | 1.0                   |
| Household type.....   | 1.3                     | 1.0                 | 0.5                 | 0.5                   |
| Family type.....  | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Group quarters.....   | 0.9                     | 0.9                 | 0.8                 | 0.8                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.6                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.4                     | 1.2                 | 0.6                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.2                 | 0.6                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.2 | 0.6 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.5 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.4 | 0.7 | 0.6 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.4 | 1.1 | 0.6 | 0.5 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.0 | 1.0 | 0.6 | 0.6 |
| Condominium status....                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Units in structure....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Kitchen facilities....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.1 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.1 | 1.0 | 0.5 | 0.5 |
| House heating fuel....                                      | 1.3 | 1.0 | 0.5 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.1 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.1 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income in<br>1989.....                                | 1.2 | 1.1 | 0.5 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.1 | 1.0 | 0.5 | 0.5 |



Table C. Standard Error Design Factors-Iowa  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.5                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.6                     | 2.4                 | 1.5                 | 1.4                   |
| Work disability and<br>mobility limitation                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Ancestry.....   | 1.9                     | 1.6                 | 0.8                 | 0.8                   |
| Place of birth.....   | 2.3                     | 2.2                 | 1.1                 | 1.1                   |
| Citizenship.....  | 1.7                     | 1.4                 | 0.7                 | 0.7                   |
| Residence in 1985.....  | 2.0                     | 1.9                 | 0.9                 | 0.9                   |
| Year of entry.....  | 1.4                     | 1.1                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.6                     | 1.4                 | 0.7                 | 0.6                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.6                     | 1.4                 | 0.7                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.1                     | 2.1                 | 0.9                 | 0.9                   |
| Household type.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Group quarters.....   | 0.9                     | 0.9                 | 0.8                 | 0.7                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 0.9                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.6                 | 0.5                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.2                 | 0.6                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.2                 | 0.6                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.2 | 0.6 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.4 | 0.7 | 0.6 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.0 | 1.0 | 0.6 | 0.5 |
| Condominium status....                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Units in structure....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Kitchen facilities....                                      | 1.1 | 1.1 | 0.5 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.4 | 1.1 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.2 | 1.0 | 0.5 | 0.4 |
| House heating fuel....                                      | 1.3 | 1.1 | 0.5 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.5 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income in<br>1989.....                                | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard for Design Factors-Kansas  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin<br>(of any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.6                 | 0.5                   |
| Household type and<br>relationship.....                         | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.5                     | 2.3                 | 1.7                 | 1.3                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.0                     | 1.7                 | 1.0                 | 0.8                   |
| Place of birth.....   | 1.9                     | 1.9                 | 1.2                 | 1.0                   |
| Citizenship.....  | 1.7                     | 1.5                 | 0.9                 | 0.7                   |
| Residence in 1985.....  | 2.0                     | 1.8                 | 1.1                 | 0.9                   |
| Year of entry.....  | 1.4                     | 1.2                 | 0.6                 | 0.5                   |
| Language spoken at home<br>and ability to speak<br>English..... | 1.6                     | 1.4                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| School enrollment.....  | 1.6                     | 1.4                 | 0.9                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.4                     | 2.4                 | 1.8                 | 0.8                   |
| Household type.....   | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Group quarters.....   | 0.9                     | 0.9                 | 0.9                 | 0.8                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 0.9                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.7                 | 0.5                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.2                 | 0.7                 | 0.5                   |
| Place of work.....  | 1.4                     | 1.3                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.3 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of rent in 1989..                                      | 1.4 | 1.2 | 0.7 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.4 | 0.8 | 0.6 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.3 | 1.1 | 0.7 | 0.5 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.0 | 1.0 | 0.6 | 0.5 |
| Condominium status....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Units in structure....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.2 | 1.2 | 0.9 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.4 | 1.2 | 0.7 | 0.6 |
| Sewage disposal.....  | 1.1 | 1.0 | 0.5 | 0.5 |
| House heating fuel....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.1 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.1 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                                | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.1 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors-Kentucky  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.5                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.8                     | 2.4                 | 1.5                 | 1.2                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.2                     | 1.9                 | 1.0                 | 0.9                   |
| Place of birth.....   | 2.5                     | 2.2                 | 1.1                 | 0.9                   |
| Citizenship.....  | 1.8                     | 1.5                 | 0.9                 | 0.7                   |
| Residence in 1985.....  | 2.0                     | 1.8                 | 1.0                 | 0.8                   |
| Year of entry.....  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Language spoken at home<br>and ability to speak<br>English..... | 1.6                     | 1.4                 | 0.8                 | 0.6                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.7                     | 1.5                 | 0.8                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.5                     | 2.5                 | 1.1                 | 0.9                   |
| Household type.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.0                     | 1.0                 | 0.8                 | 0.8                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.6                 | 0.5                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.2 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.2 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.3 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.4 | 0.8 | 0.6 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.4 | 1.2 | 0.7 | 0.5 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 1.0 | 0.6 | 0.5 |
| Condominium status....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Units in structure....                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.2 | 1.2 | 0.6 | 0.6 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.2 | 0.7 | 0.6 |
| Sewage disposal.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| House heating fuel....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.1 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.1 | 1.0 | 0.5 | 0.5 |



|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                                | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.1 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors-Louisiana  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 1.0                 | 0.5                 | 0.5                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.8                     | 2.6                 | 1.5                 | 1.4                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.1                 | 0.5                 | 0.5                   |
| Ancestry.....   | 2.3                     | 2.0                 | 1.1                 | 1.0                   |
| Place of birth.....   | 2.7                     | 2.5                 | 1.4                 | 1.2                   |
| Citizenship.....  | 1.9                     | 1.6                 | 0.8                 | 0.7                   |
| Residence in 1985.....  | 2.2                     | 2.0                 | 1.1                 | 0.9                   |
| Year of entry.....  | 1.4                     | 1.1                 | 0.6                 | 0.6                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.7                     | 1.5                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.7                     | 1.5                 | 0.8                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.2                     | 2.9                 | 1.3                 | 0.9                   |
| Household type.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Group quarters.....   | 0.9                     | 0.9                 | 0.7                 | 0.7                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.6                 | 0.5                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.4                     | 1.2                 | 0.6                 | 0.5                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.2                 | 0.6                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.2 | 0.6 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.7 | 1.5 | 0.8 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.5 | 1.3 | 0.7 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 1.0 | 0.6 | 0.5 |
| Condominium status....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Units in structure....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.1 | 0.5 | 0.5 |
| Gross rent.....   | 1.2 | 1.1 | 0.5 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.1 | 0.5 | 0.5 |
| Kitchen facilities....                                      | 1.2 | 1.2 | 0.5 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.2 | 1.1 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.2 | 1.0 | 0.5 | 0.4 |
| House heating fuel....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.1 | 0.5 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a percentage of household income in 1969.....                             | 1.3 | 1.1 | 0.5 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors-Maine  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin<br>(of any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.5                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.6                     | 2.3                 | 1.3                 | 1.2                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 1.9                     | 1.7                 | 1.0                 | 0.8                   |
| Place of birth.....   | 2.1                     | 2.0                 | 1.2                 | 1.0                   |
| Citizenship.....  | 1.8                     | 1.5                 | 0.9                 | 0.7                   |
| Residence in 1985.....  | 2.0                     | 1.8                 | 1.0                 | 0.9                   |
| Year of entry.....  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.6                     | 1.4                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.7                     | 1.5                 | 0.9                 | 0.8                   |
| Type of residence<br>(urban/rural).....                         | 2.2                     | 1.9                 | 0.9                 | 0.8                   |
| Household type.....   | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Group quarters.....   | 0.9                     | 0.9                 | 0.7                 | 0.7                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.5 | 1.3 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.5 | 1.3 | 0.8 | 0.6 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.4 | 1.2 | 0.7 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.0 | 0.9 | 0.5 | 0.5 |
| Condominium status....                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Units in structure....                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Kitchen facilities....                                      | 1.3 | 1.3 | 0.6 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.0 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.1 | 0.9 | 0.5 | 0.5 |
| House heating fuel....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a percentage of household income in 1989.....                             | 1.2 | 1.1 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.1 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors-Maryland  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin<br>(of any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.2                     | 0.9                 | 0.6                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.5                     | 2.2                 | 1.4                 | 1.1                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.1                     | 1.7                 | 1.0                 | 0.8                   |
| Place of birth.....   | 2.0                     | 1.6                 | 1.0                 | 0.7                   |
| Citizenship.....  | 1.8                     | 1.5                 | 0.9                 | 0.6                   |
| Residence in 1985.....  | 2.0                     | 1.8                 | 1.0                 | 0.8                   |
| Year of entry.....  | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.7                     | 1.4                 | 0.8                 | 0.6                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.7                     | 1.4                 | 0.9                 | 0.6                   |
| Type of residence<br>(urban/rural).....                         | 2.1                     | 2.1                 | 1.1                 | 0.8                   |
| Household type.....   | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.0                     | 0.9                 | 0.8                 | 0.6                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.3                 | 0.7                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.4                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.3                 | 0.8                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.3                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |



|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.3 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.7 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.3 | 0.7 | 0.6 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.5 | 1.2 | 0.7 | 0.5 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 1.0 | 0.6 | 0.5 |
| Condominium status....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Units in structure....                                      | 1.1 | 1.0 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent.....   | 1.2 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.1 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.1 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.1 | 1.0 | 0.6 | 0.4 |
| House heating fuel....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.1 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.6 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a percentage of household income in 1989.....                             | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 1.0 | 0.6 | 0.5 |

Table C. Standard Error Design Factors-Massachusetts  
(Percent of persons or housing units in sample)

| Characteristic   | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|--|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION   |                         |                     |                     |                       |
| Age.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin<br>(of any race).....                          | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....  | 1.2                     | 0.9                 | 0.5                 | 0.4                   |
| Household type and<br>relationship.....                        | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Children ever born....   | 2.6                     | 2.3                 | 1.1                 | 1.0                   |
| Work disability and<br>mobility limitation                     | 1.2                     | 1.1                 | 0.5                 | 0.5                   |
| Ancestry.....  | 2.0                     | 1.6                 | 0.8                 | 0.7                   |
| Place of birth.....  | 2.3                     | 2.1                 | 1.1                 | 0.9                   |
| Citizenship.....   | 1.9                     | 1.5                 | 0.8                 | 0.7                   |
| Residence in 1985.....   | 2.1                     | 1.9                 | 1.0                 | 0.9                   |
| Year of entry.....   | 1.5                     | 1.2                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability<br>to speak English.... | 1.7                     | 1.5                 | 0.8                 | 0.7                   |
| Educational attainment   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....   | 1.8                     | 1.5                 | 0.8                 | 0.7                   |
| Type of residence<br>(urban/rural).....                        | 2.1                     | 1.8                 | 1.0                 | 1.0                   |
| Household type.....  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Family type.....   | 1.2                     | 1.1                 | 0.5                 | 0.5                   |
| Group quarters.....  | 1.0                     | 0.9                 | 0.8                 | 0.8                   |
| Subfamily type and<br>presence of children                     | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Employment status.....   | 1.3                     | 1.0                 | 0.5                 | 0.5                   |
| Industry.....  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....  | 1.3                     | 1.1                 | 0.5                 | 0.5                   |
| Class of worker.....   | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                     | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Number of workers in<br>family.....                            | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....   | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                        | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Travel time to work...   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.5 | 1.3 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.1 | 0.5 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.3 | 0.7 | 0.6 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.6 | 1.2 | 0.6 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.0 | 0.9 | 0.5 | 0.5 |
| Condominium status....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Units in structure....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.1 | 0.5 | 0.5 |
| Gross rent.....   | 1.2 | 1.1 | 0.5 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.1 | 0.5 | 0.5 |
| Year structure built..                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.1 | 0.5 | 0.5 |
| Kitchen facilities....                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.4 | 1.2 | 0.5 | 0.5 |
| Sewage disposal.....  | 1.2 | 1.1 | 0.5 | 0.5 |
| House heating fuel....                                      | 1.3 | 1.1 | 0.5 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.3 | 1.1 | 0.5 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.2 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.1 | 0.5 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                                | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors-Michigan  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin<br>(of any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.2                     | 0.9                 | 0.5                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.6                     | 2.3                 | 1.6                 | 1.2                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.0                     | 1.6                 | 0.9                 | 0.8                   |
| Place of birth.....   | 2.4                     | 2.1                 | 1.5                 | 1.2                   |
| Citizenship.....  | 1.8                     | 1.5                 | 1.0                 | 0.7                   |
| Residence in 1985.....  | 2.0                     | 1.8                 | 1.1                 | 0.9                   |
| Year of entry.....  | 1.4                     | 1.2                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.7                     | 1.4                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.6                     | 1.4                 | 0.9                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.0                     | 2.0                 | 1.7                 | 1.4                   |
| Household type.....   | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.0                     | 0.9                 | 0.9                 | 0.8                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation .....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.3 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.4 | 0.8 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.5 | 1.2 | 0.7 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.0 | 1.0 | 0.5 | 0.5 |
| Condominium status....                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Units in structure....                                      | 1.1 | 1.0 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Kitchen facilities....                                      | 1.5 | 1.0 | 0.6 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.2 | 1.1 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.1 | 1.0 | 0.5 | 0.4 |
| House heating fuel....                                      | 1.4 | 1.1 | 0.5 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.1 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.1 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                                | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.1 | 1.0 | 0.5 | 0.5 |



Table C. Standard Error Design Factors-Minnesota  
(Percent of persons or housing units in sample)

| Characteristic   | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|--|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION   |                         |                     |                     |                       |
| Age.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin<br>(of any race).....                          | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....  | 1.1                     | 0.9                 | 0.5                 | 0.4                   |
| Household type and<br>relationship.....                        | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Children ever born....   | 2.5                     | 2.2                 | 1.5                 | 1.3                   |
| Work disability and<br>mobility limitation                     | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Ancestry.....  | 1.8                     | 1.5                 | 0.9                 | 0.8                   |
| Place of birth.....  | 2.1                     | 1.9                 | 1.3                 | 1.1                   |
| Citizenship.....   | 1.7                     | 1.4                 | 0.9                 | 0.7                   |
| Residence in 1985.....   | 1.9                     | 1.7                 | 1.1                 | 0.9                   |
| Year of entry.....   | 1.5                     | 1.9                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability<br>to speak English.... | 1.6                     | 1.4                 | 0.8                 | 0.6                   |
| Educational attainment   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....   | 1.6                     | 1.3                 | 0.8                 | 0.7                   |
| Type of residence<br>(urban/rural).....                        | 2.9                     | 1.9                 | 1.4                 | 1.1                   |
| Household type.....  | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Family type.....   | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Group quarters.....  | 1.0                     | 0.8                 | 0.8                 | 0.8                   |
| Subfamily type and<br>presence of children                     | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Employment status.....   | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Industry.....  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....  | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Class of worker.....   | 1.4                     | 1.2                 | 0.6                 | 0.5                   |
| Hours per week and<br>weeks worked in 1989                     | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Number of workers in<br>family.....                            | 1.4                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....   | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                        | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Travel time to work...   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                       | 1.5 | 1.2 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                 | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                  | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                        | 1.2 | 1.0 | 0.5 | 0.5 |
| Family income in 1989.                                  | 1.2 | 1.0 | 0.5 | 0.5 |
| Poverty status in 1989<br>(persons).....                | 1.6 | 1.3 | 0.7 | 0.7 |
| Poverty status in 1989<br>(families).....               | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and<br>veteran status.....                 | 1.4 | 1.1 | 0.6 | 0.5 |
| HOUSING   |     |     |     |     |
| Age of householder....                                  | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                  | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                  | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                 | 1.1 | 0.9 | 0.5 | 0.5 |
| Condominium status....                                  | 1.1 | 1.0 | 0.5 | 0.5 |
| Units in structure....                                  | 1.1 | 1.0 | 0.5 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                   | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.1 | 1.0 | 0.5 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in<br>1989.....                        | 1.2 | 1.0 | 0.5 | 0.5 |
| Year structure built..                                  | 1.1 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....                                    | 1.2 | 1.0 | 0.5 | 0.5 |
| Kitchen facilities....                                  | 1.1 | 1.0 | 0.6 | 0.5 |
| Source of water,<br>plumbing facilities.                | 1.3 | 1.1 | 0.5 | 0.5 |
| Sewage disposal.....                                    | 1.1 | 0.9 | 0.5 | 0.4 |
| House heating fuel....                                  | 1.3 | 1.1 | 0.5 | 0.5 |
| Telephone in housing<br>unit.....                       | 1.1 | 1.0 | 0.6 | 0.5 |
| Vehicles available....                                  | 1.2 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....           | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....   | 1.1 | 1.0 | 0.5 | 0.5 |
| Mortgage status<br>and selected<br>monthly owner costs. | 1.1 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                                | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.1 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors-Mississippi  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin<br>(of any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 1.0                 | 0.6                 | 0.5                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.2                 | 0.7                 | 0.5                   |
| Children ever born....  | 3.0                     | 2.9                 | 1.8                 | 1.5                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.1                 | 0.5                 | 0.5                   |
| Ancestry.....   | 2.4                     | 2.3                 | 1.2                 | 1.1                   |
| Place of birth.....   | 2.8                     | 2.8                 | 1.5                 | 1.3                   |
| Citizenship.....  | 1.9                     | 1.7                 | 0.9                 | 0.7                   |
| Residence in 1985.....  | 2.2                     | 2.1                 | 1.1                 | 0.9                   |
| Year of entry.....  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.7                     | 1.5                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.2                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.7                     | 1.5                 | 0.8                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.4                     | 2.4                 | 1.7                 | 1.0                   |
| Household type.....   | 1.3                     | 1.2                 | 0.7                 | 0.5                   |
| Family type.....  | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.0                     | 1.0                 | 1.0                 | 1.0                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.6                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.2                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.3                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.3 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.3 | 0.7 | 0.6 |
| Household income in<br>1989.....                            | 1.2 | 1.1 | 0.5 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.8 | 1.5 | 0.8 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.5 | 1.3 | 0.7 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.2 | 1.1 | 0.6 | 0.5 |
| Condominium status....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Units in structure....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.1 | 0.5 | 0.5 |
| Gross rent.....   | 1.2 | 1.1 | 0.5 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.1 | 0.5 | 0.5 |
| Year structure built..                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.1 | 0.5 | 0.5 |
| Kitchen facilities....                                      | 1.2 | 1.2 | 0.5 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.1 | 0.5 | 0.4 |
| Sewage disposal.....  | 1.2 | 1.1 | 0.6 | 0.5 |
| House heating fuel....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.3 | 1.1 | 0.5 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.5 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.1 | 0.5 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                                | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors-Missouri  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.5                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.6                     | 2.4                 | 1.4                 | 1.3                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Ancestry.....   | 2.0                     | 1.7                 | 0.9                 | 0.8                   |
| Place of birth.....   | 2.3                     | 2.1                 | 1.0                 | 1.0                   |
| Citizenship .....   | 1.8                     | 1.6                 | 0.8                 | 0.7                   |
| Residence in 1985.....  | 2.1                     | 1.8                 | 1.0                 | 0.8                   |
| Year of entry.....  | 1.4                     | 1.1                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.7                     | 1.4                 | 0.7                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.7                     | 1.5                 | 0.8                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.4                     | 2.4                 | 1.2                 | 0.7                   |
| Household type.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.1                 | 0.5                 | 0.5                   |
| Group quarters.....   | 1.0                     | 0.9                 | 0.8                 | 0.8                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.6                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.5                     | 1.2                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.5 | 1.2 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.4 | 0.7 | 0.6 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.4 | 1.2 | 0.6 | 0.5 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 1.0 | 0.5 | 0.5 |
| Condominium status....                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Units in structure....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Kitchen facilities....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.1 | 0.6 | 0.6 |
| Sewage disposal.....  | 1.2 | 1.0 | 0.5 | 0.4 |
| House heating fuel....                                      | 1.3 | 1.0 | 0.5 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.5 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |



|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                                | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard for Design Factors-Montana  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.6                 | 0.5                   |
| Household type and<br>relationship.....                         | 1.2                     | 1.1                 | 0.7                 | 0.5                   |
| Children ever born....  | 2.6                     | 2.4                 | 1.7                 | 1.4                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 1.7                     | 1.6                 | 1.0                 | 0.7                   |
| Place of birth.....   | 1.9                     | 1.8                 | 1.1                 | 0.9                   |
| Citizenship.....  | 1.8                     | 1.5                 | 1.0                 | 0.7                   |
| Residence in 1985.....  | 2.0                     | 1.8                 | 1.1                 | 0.9                   |
| Year of entry.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.6                     | 1.3                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| School enrollment.....  | 1.7                     | 1.4                 | 0.9                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.4                     | 2.4                 | 1.6                 | 1.1                   |
| Household type.....   | 1.2                     | 1.1                 | 0.7                 | 0.5                   |
| Family type.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Group quarters.....   | 0.9                     | 0.8                 | 0.8                 | 0.8                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 0.9                 | 0.6                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.7                 | 0.5                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.2                 | 0.8                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.7                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.2 | 0.7 | 0.5 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.3 | 1.1 | 0.7 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.4 | 0.8 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.4 | 1.1 | 0.7 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.0 | 1.0 | 0.6 | 0.4 |
| Condominium status....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Units in structure....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.1 | 1.1 | 0.8 | 0.6 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.1 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.1 | 1.0 | 0.5 | 0.4 |
| House heating fuel....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.1 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.1 | 1.0 | 0.6 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a percentage of household income in 1989.....                             | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.1 | 1.0 | 0.6 | 0.5 |

Table C. Standard Error Design Factors-Nebraska  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.6                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.2                     | 1.1                 | 0.7                 | 0.5                   |
| Children ever born....  | 2.5                     | 2.3                 | 1.8                 | 1.4                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 1.8                     | 1.6                 | 1.1                 | 0.8                   |
| Place of birth.....   | 2.1                     | 2.0                 | 1.4                 | 1.1                   |
| Citizenship.....  | 1.7                     | 1.4                 | 1.0                 | 0.7                   |
| Residence in 1985.....  | 2.0                     | 1.8                 | 1.2                 | 0.9                   |
| Year of entry.....  | 1.4                     | 1.1                 | 0.6                 | 0.5                   |
| Language spoken at home<br>and ability to speak<br>English..... | 1.6                     | 1.4                 | 0.9                 | 0.6                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| School enrollment.....  | 1.6                     | 1.4                 | 0.9                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.1                     | 2.1                 | 1.5                 | 1.0                   |
| Household type.....   | 1.2                     | 1.1                 | 0.7                 | 0.5                   |
| Family type.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Group quarters.....   | 0.9                     | 0.8                 | 0.7                 | 0.7                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 0.9                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.7                 | 0.5                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.2                 | 0.8                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.7                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.2 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.1 | 0.7 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.4 | 0.8 | 0.6 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.3 | 1.1 | 0.7 | 0.5 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.0 | 0.9 | 0.6 | 0.5 |
| Condominium status....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Units in structure....                                      | 1.1 | 1.0 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.1 | 1.0 | 0.6 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.1 | 0.7 | 0.5 |
| Sewage disposal.....  | 1.0 | 1.0 | 0.6 | 0.4 |
| House heating fuel....                                      | 1.3 | 1.0 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.0 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.7 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                                | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors-Nevada  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.2                     | 0.9                 | 0.5                 | 0.5                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.1                 | 0.6                 | 0.6                   |
| Children ever born....  | 2.6                     | 2.2                 | 1.3                 | 1.3                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.1                     | 1.7                 | 0.9                 | 0.9                   |
| Place of birth.....   | 1.7                     | 1.5                 | 0.8                 | 0.7                   |
| Citizenship.....  | 1.8                     | 1.4                 | 0.8                 | 0.7                   |
| Residence in 1985.....  | 2.0                     | 1.7                 | 1.0                 | 0.9                   |
| Year of entry.....  | 1.5                     | 1.2                 | 0.6                 | 0.6                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.7                     | 1.4                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.4                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.9                     | 1.4                 | 0.8                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.2                     | 2.2                 | 1.7                 | 1.5                   |
| Household type.....   | 1.3                     | 1.1                 | 0.6                 | 0.6                   |
| Family type.....  | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.1                     | 1.0                 | 1.0                 | 1.0                   |
| Subfamily type and<br>presence of children                      | 1.3                     | 1.0                 | 0.6                 | 0.6                   |
| Employment status.....  | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.4                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.6                     | 1.2                 | 0.7                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.4                     | 1.2                 | 0.6                 | 0.6                   |
| Place of work.....  | 1.6                     | 1.2                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.5                     | 1.2                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.4                     | 1.1                 | 0.6                 | 0.5                   |



|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.5 | 1.2 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.4 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.5 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.3 | 1.0 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.3 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.4 | 0.7 | 0.6 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.5 | 1.1 | 0.7 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 0.9 | 0.5 | 0.5 |
| Condominium status....                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Units in structure....                                      | 1.1 | 1.0 | 0.5 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in<br>1989.....                            | 1.3 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Kitchen facilities....                                      | 1.4 | 1.0 | 0.5 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.5 | 1.1 | 0.5 | 0.4 |
| Sewage disposal.....  | 1.2 | 1.0 | 0.5 | 0.4 |
| House heating fuel....                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.0 | 0.5 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.6 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                                | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors-New Hampshire  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.5                 | 0.5                   |
| Household type and<br>relationship.....                         | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.5                     | 2.2                 | 1.3                 | 1.2                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Ancestry.....   | 1.9                     | 1.6                 | 0.9                 | 0.8                   |
| Place of birth.....   | 1.9                     | 1.6                 | 0.9                 | 0.8                   |
| Citizenship.....  | 1.8                     | 1.5                 | 0.9                 | 0.8                   |
| Residence in 1985.....  | 2.0                     | 1.8                 | 1.0                 | 0.9                   |
| Year of entry.....  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.7                     | 1.4                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.6                   |
| School enrollment.....  | 1.8                     | 1.5                 | 0.9                 | 0.8                   |
| Type of residence<br>(urban/rural).....                         | 2.1                     | 1.8                 | 1.0                 | 0.9                   |
| Household type.....   | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.1                 | 0.5                 | 0.5                   |
| Group quarters.....   | 0.8                     | 0.8                 | 0.8                 | 0.7                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.4                     | 1.2                 | 0.6                 | 0.6                   |
| Place of work.....  | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.5                     | 1.3                 | 0.7                 | 0.6                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Travel time to<br>work.....                           | 1.3 | 1.1 | 0.6 | 0.5 |
| Private vehicle<br>occupancy.....                     | 1.5 | 1.3 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....               | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989.....                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Family income in 1989.                                | 1.2 | 1.0 | 0.5 | 0.5 |
| Poverty status in 1989<br>(persons).....              | 1.5 | 1.3 | 0.7 | 0.6 |
| Poverty status in 1989<br>(families).....             | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and<br>veteran status.....               | 1.4 | 1.2 | 0.7 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....               | 1.1 | 1.0 | 0.5 | 0.5 |
| Condominium status....                                | 1.2 | 1.0 | 0.5 | 0.5 |
| Units in structure....                                | 1.2 | 1.0 | 0.5 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                 | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent.....                                       | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in<br>1989.....                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Year structure built..                                | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....                                  | 1.2 | 1.0 | 0.5 | 0.5 |
| Kitchen facilities....                                | 1.2 | 0.9 | 0.5 | 0.5 |
| Source of water,<br>plumbing facilities.              | 1.3 | 1.1 | 0.5 | 0.5 |
| Sewage disposal.....                                  | 1.1 | 1.0 | 0.5 | 0.4 |
| House heating fuel....                                | 1.2 | 1.0 | 0.5 | 0.5 |
| Telephone in housing<br>unit.....                     | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....         | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs..... | 1.2 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Mortgage status and<br>selected monthly<br>owner costs.....   | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                                | 1.2 | 1.1 | 0.5 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors-New Jersey  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.2                     | 0.9                 | 0.5                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.5                     | 2.1                 | 1.3                 | 1.0                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.1                 | 0.5                 | 0.5                   |
| Ancestry.....   | 2.1                     | 1.7                 | 0.9                 | 0.7                   |
| Place of birth.....   | 2.0                     | 1.7                 | 1.0                 | 0.8                   |
| Citizenship.....  | 1.8                     | 1.5                 | 0.9                 | 0.7                   |
| Residence in 1985.....  | 2.2                     | 1.9                 | 1.0                 | 0.9                   |
| Year of entry.....  | 1.6                     | 1.3                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.7                     | 1.4                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.4                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.8                     | 1.5                 | 0.9                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.2                     | 1.9                 | 1.4                 | 0.8                   |
| Household type.....   | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.1                 | 0.5                 | 0.5                   |
| Group quarters.....   | 1.1                     | 0.9                 | 0.8                 | 0.8                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.5 | 1.3 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.1 | 0.5 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.3 | 0.7 | 0.6 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.6 | 1.2 | 0.7 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.0 | 0.9 | 0.5 | 0.5 |
| Condominium status....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Units in structure....                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.1 | 0.5 | 0.5 |
| Gross rent.....   | 1.3 | 1.1 | 0.5 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.1 | 0.5 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.1 | 0.5 | 0.5 |
| Kitchen facilities....                                      | 1.3 | 1.1 | 0.5 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.2 | 0.6 | 0.6 |
| Sewage disposal.....  | 1.1 | 1.0 | 0.5 | 0.5 |
| House heating fuel....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.3 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.1 | 0.5 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                  | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989 by selected<br>costs as a<br>percentage of<br>income..... | 1.2 | 1.0 | 0.5 | 0.5 |



Table C. Standard Error Design Factors-New Mexico  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.6                 | 0.5                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.1                 | 0.7                 | 0.6                   |
| Children ever born....  | 2.9                     | 2.5                 | 1.7                 | 1.4                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.4                     | 2.0                 | 1.4                 | 1.2                   |
| Place of birth.....   | 2.0                     | 1.7                 | 1.3                 | 1.1                   |
| Citizenship.....  | 1.8                     | 1.5                 | 1.0                 | 0.8                   |
| Residence in 1985.....  | 2.1                     | 1.9                 | 1.2                 | 1.0                   |
| Year of entry.....  | 1.4                     | 1.1                 | 0.7                 | 0.6                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.6                     | 1.3                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.7                 | 0.6                   |
| School enrollment.....  | 1.7                     | 1.5                 | 0.9                 | 0.8                   |
| Type of residence<br>(urban/rural).....                         | 2.6                     | 2.6                 | 1.4                 | 1.4                   |
| Household type.....   | 1.3                     | 1.1                 | 0.7                 | 0.6                   |
| Family type.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.0                     | 0.9                 | 0.9                 | 0.9                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Place of work.....  | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.6                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.2 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.7 | 0.6 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.7 | 1.4 | 0.8 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.4 | 1.2 | 0.8 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 0.9 | 0.6 | 0.5 |
| Condominium status....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Units in structure....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.2 | 1.2 | 0.8 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.1 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| House heating fuel....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.6 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                  | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner as a<br>percentage of income | 1.2 | 1.0 | 0.6 | 0.5 |

Table C. Standard for Design Factors-New York  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.2                     | 0.9                 | 0.5                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.4                     | 1.1                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.6                     | 2.2                 | 1.3                 | 1.1                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.1                     | 1.6                 | 0.9                 | 0.8                   |
| Place of birth.....   | 2.4                     | 2.4                 | 1.4                 | 1.2                   |
| Citizenship.....  | 1.8                     | 1.5                 | 0.9                 | 0.7                   |
| Residence in 1985.....  | 2.3                     | 1.9                 | 1.1                 | 0.9                   |
| Year of entry.....  | 1.6                     | 1.2                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.7                     | 1.4                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.4                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.8                     | 1.5                 | 0.9                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.1                     | 1.8                 | 1.7                 | 1.5                   |
| Household type.....   | 1.4                     | 1.1                 | 0.6                 | 0.5                   |
| Family type.....  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.1                     | 0.8                 | 0.8                 | 0.8                   |
| Subfamily type and<br>presence of children                      | 1.3                     | 1.0                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.4                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.5                     | 1.2                 | 0.7                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.4                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.2                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.4                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.5 | 1.3 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.4 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.5 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.3 | 1.0 | 0.5 | 0.5 |
| Family income in 1989.                                      | 1.3 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.7 | 1.3 | 0.8 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.3 | 1.0 | 0.5 | 0.5 |
| Armed Forces and veteran<br>status.....                     | 1.7 | 1.2 | 0.7 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 1.0 | 0.5 | 0.5 |
| Condominium status....                                      | 1.3 | 1.1 | 0.5 | 0.5 |
| Units in structure....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent.....   | 1.3 | 1.1 | 0.5 | 0.5 |
| Household income in<br>1989.....                            | 1.3 | 1.0 | 0.5 | 0.5 |
| Year structure built..                                      | 1.3 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.3 | 1.1 | 0.5 | 0.5 |
| Kitchen facilities....                                      | 1.4 | 1.0 | 0.6 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.4 | 1.1 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| House heating fuel....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.3 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.3 | 1.1 | 0.5 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a percentage of household income in 1989.....                             | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors-North Carolina  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 1.0                 | 0.5                 | 0.5                   |
| Household type and<br>relationship.....                         | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.6                     | 2.5                 | 1.6                 | 1.3                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.3                     | 2.0                 | 1.0                 | 0.9                   |
| Place of birth.....   | 2.4                     | 2.2                 | 1.1                 | 1.1                   |
| Citizenship.....  | 1.8                     | 1.6                 | 0.9                 | 0.7                   |
| Residence in 1985.....  | 2.0                     | 1.9                 | 1.0                 | 0.9                   |
| Year of entry.....  | 1.4                     | 1.1                 | 0.6                 | 0.6                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.7                     | 1.5                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.7                     | 1.5                 | 0.9                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.3                     | 2.2                 | 1.5                 | 0.8                   |
| Household type.....   | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.1                 | 0.5                 | 0.5                   |
| Group quarters.....   | 0.9                     | 0.8                 | 0.8                 | 0.7                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.2                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.2                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.5 | 1.3 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.1 | 0.5 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.4 | 0.7 | 0.6 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.4 | 1.3 | 0.7 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.2 | 1.1 | 0.6 | 0.6 |
| Condominium status....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Units in structure....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent.....   | 1.2 | 1.1 | 0.5 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.1 | 0.5 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.1 | 0.5 | 0.5 |
| Kitchen facilities....                                      | 1.3 | 1.1 | 0.5 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.1 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.2 | 1.1 | 0.5 | 0.5 |
| House heating fuel....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.1 | 0.5 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |



|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income in<br>1989.....                                | 1.2 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors-North Dakota  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.6                 | 0.5                   |
| Household type and<br>relationship.....                         | 1.2                     | 1.1                 | 0.8                 | 0.5                   |
| Children ever born....  | 2.6                     | 2.5                 | 2.1                 | 1.4                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 1.8                     | 1.6                 | 1.2                 | 0.8                   |
| Place of birth.....   | 2.1                     | 2.1                 | 1.7                 | 1.1                   |
| Citizenship.....  | 1.6                     | 1.5                 | 1.1                 | 0.7                   |
| Residence in 1985.....  | 2.0                     | 1.8                 | 1.5                 | 0.9                   |
| Year of entry.....  | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.6                     | 1.3                 | 1.0                 | 0.6                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| School enrollment.....  | 1.6                     | 1.4                 | 1.1                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.2                     | 2.2                 | 1.7                 | 0.9                   |
| Household type.....   | 1.2                     | 1.1                 | 0.8                 | 0.5                   |
| Family type.....  | 1.2                     | 1.0                 | 0.7                 | 0.5                   |
| Group quarters.....   | 0.7                     | 0.7                 | 0.7                 | 0.7                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 0.9                 | 0.6                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.7                 | 0.5                   |
| Industry.....   | 1.3                     | 1.0                 | 0.7                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.7                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.1                 | 0.7                 | 0.5                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.4                     | 1.1                 | 0.8                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.2                 | 0.9                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.1                 | 0.8                 | 0.5                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.7                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.5 | 1.1 | 0.8 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.0 | 0.7 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.1 | 0.8 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.7 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.5 | 1.3 | 0.9 | 0.6 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 0.9 | 0.6 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.3 | 1.1 | 0.9 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.2 | 0.9 | 0.7 | 0.5 |
| Condominium status....                                      | 1.2 | 1.0 | 0.7 | 0.5 |
| Units in structure....                                      | 1.1 | 1.0 | 0.7 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.7 | 0.5 |
| Kitchen facilities....                                      | 1.4 | 1.4 | 0.9 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.5 | 1.1 | 0.8 | 0.5 |
| Sewage disposal.....  | 1.2 | 1.0 | 0.6 | 0.4 |
| House heating fuel....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.0 | 0.7 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.7 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 0.9 | 0.6 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a percentage of household income in 1989.....                             | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 0.9 | 0.6 | 0.5 |

Table C. Standard Error Design Factors-Ohio  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.5                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Children ever born....  | 2.6                     | 2.3                 | 1.3                 | 1.1                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Ancestry.....   | 1.9                     | 1.7                 | 0.9                 | 0.8                   |
| Place of birth.....   | 2.3                     | 2.2                 | 1.2                 | 1.0                   |
| Citizenship.....  | 1.8                     | 1.5                 | 0.8                 | 0.7                   |
| Residence in 1985.....  | 2.0                     | 1.9                 | 0.9                 | 0.9                   |
| Year of entry.....  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.6                     | 1.4                 | 0.7                 | 0.6                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.6                     | 1.4                 | 0.8                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.4                     | 2.4                 | 0.9                 | 0.9                   |
| Household type.....   | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Family type.....  | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Group quarters.....   | 1.0                     | 0.9                 | 0.8                 | 0.8                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.6                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.4                     | 1.2                 | 0.6                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.2                 | 0.6                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.2 | 0.6 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.3 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.4 | 0.7 | 0.6 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and veteran<br>status.....                     | 1.4 | 1.2 | 0.6 | 0.5 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.0 | 1.0 | 0.6 | 0.6 |
| Condominium status....                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Units in structure....                                      | 1.1 | 1.1 | 0.5 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Kitchen facilities....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.1 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.1 | 1.0 | 0.5 | 0.4 |
| House heating fuel....                                      | 1.3 | 1.1 | 0.5 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.5 | 0.5 |
| Vehicles available....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.1 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income in<br>1989.....                                | 1.2 | 1.1 | 0.5 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard for Design Factors-Oklahoma  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.5                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.5                     | 2.4                 | 1.6                 | 1.3                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Ancestry.....   | 2.1                     | 1.8                 | 1.0                 | 0.8                   |
| Place of birth.....   | 2.1                     | 1.9                 | 1.1                 | 0.9                   |
| Citizenship.....  | 1.8                     | 1.6                 | 0.9                 | 0.7                   |
| Residence in 1985.....  | 2.0                     | 1.8                 | 1.0                 | 0.9                   |
| Year of entry.....  | 1.4                     | 1.1                 | 0.6                 | 0.6                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.7                     | 1.5                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.7                     | 1.5                 | 0.8                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.5                     | 2.5                 | 1.5                 | 1.3                   |
| Household type.....   | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.0                     | 0.9                 | 0.8                 | 0.8                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.6                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.2                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.3                 | 0.7                 | 0.6                   |



|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Travel time to work...                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Private vehicle<br>occupancy.....                           | 1.4 | 1.3 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.4 | 0.8 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.4 | 1.2 | 0.7 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 1.0 | 0.6 | 0.5 |
| Condominium status....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Units in structure....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.1 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.1 | 1.0 | 0.5 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.2 | 0.6 | 0.6 |
| Sewage disposal.....  | 1.1 | 1.0 | 0.5 | 0.4 |
| House heating fuel....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a percentage of household income in 1989.....                             | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors-Oregon  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.5                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.5                     | 2.2                 | 1.4                 | 1.1                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 1.9                     | 1.6                 | 1.0                 | 0.8                   |
| Place of birth.....   | 1.8                     | 1.5                 | 0.9                 | 0.8                   |
| Citizenship.....  | 1.7                     | 1.4                 | 0.9                 | 0.7                   |
| Residence in 1985.....  | 2.0                     | 1.7                 | 1.0                 | 0.8                   |
| Year of entry.....  | 1.5                     | 1.2                 | 0.7                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.6                     | 1.4                 | 0.8                 | 0.6                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.7                     | 1.4                 | 0.9                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.6                     | 2.6                 | 1.5                 | 1.1                   |
| Household type.....   | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.1                     | 1.0                 | 0.9                 | 0.8                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.7                 | 0.5                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.2                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.2 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.4 | 0.8 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.3 | 1.1 | 0.7 | 0.5 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 1.0 | 0.6 | 0.6 |
| Condominium status....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Units in structure....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.2 | 1.1 | 0.8 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.1 | 0.7 | 0.5 |
| Sewage disposal.....  | 1.2 | 1.0 | 0.6 | 0.4 |
| House heating fuel....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.1 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.6 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                                | 1.2 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.2 | 1.0 | 0.6 | 0.5 |

Table C. Standard Error Design Factors-Pennsylvania  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.2                     | 0.9                 | 0.5                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.6                     | 2.3                 | 1.3                 | 1.1                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Ancestry.....   | 1.9                     | 1.6                 | 0.9                 | 0.8                   |
| Place of birth.....   | 2.6                     | 2.3                 | 1.2                 | 1.1                   |
| Citizenship.....  | 1.9                     | 1.5                 | 0.9                 | 0.7                   |
| Residence in 1985.....  | 2.2                     | 1.9                 | 1.1                 | 0.9                   |
| Year of entry.....  | 1.4                     | 1.2                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.7                     | 1.4                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.8                     | 1.5                 | 0.9                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.0                     | 1.8                 | 1.2                 | 1.2                   |
| Household type.....   | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.1                 | 0.5                 | 0.5                   |
| Group quarters.....   | 1.0                     | 0.9                 | 0.8                 | 0.8                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Class of worker.....  | 1.5                     | 1.2                 | 0.7                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.2                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.3 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.4 | 0.8 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.5 | 1.2 | 0.7 | 0.5 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 1.0 | 0.5 | 0.5 |
| Condominium status....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Units in structure....                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent .....  | 1.2 | 1.1 | 0.5 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.1 | 0.5 | 0.5 |
| Kitchen facilities....                                      | 1.4 | 1.1 | 0.5 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.1 | 0.5 | 0.5 |
| Sewage disposal.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| House heating fuel....                                      | 1.3 | 1.1 | 0.5 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.1 | 0.5 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                                | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.2 | 1.0 | 0.5 | 0.5 |



Table C. Standard for Design Factors-Rhode Island  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.2                     | 0.9                 | 0.6                 | 0.5                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.6                     | 2.2                 | 0.6                 | 0.5                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.0                     | 1.6                 | 0.6                 | 0.5                   |
| Place of birth.....   | 2.1                     | 1.8                 | 0.6                 | 0.5                   |
| Citizenship.....  | 1.8                     | 1.6                 | 0.6                 | 0.5                   |
| Residence in 1985.....  | 2.1                     | 1.9                 | 0.6                 | 0.5                   |
| Year of entry.....  | 1.5                     | 1.2                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.7                     | 1.4                 | 0.6                 | 0.5                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.8                     | 1.5                 | 0.6                 | 0.5                   |
| Type of residence<br>(urban/rural).....                         | 2.1                     | 1.9                 | 0.6                 | 0.5                   |
| Household type.....   | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Group quarters.....   | 0.9                     | 0.7                 | 0.6                 | 0.5                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.5                     | 1.3                 | 0.6                 | 0.5                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.2                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.2                 | 0.6                 | 0.5                   |
| Means of transportation<br>to work.....                         | 1.5                     | 1.3                 | 0.6                 | 0.5                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.5 | 1.3 | 0.6 | 0.5 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.1 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.3 | 0.6 | 0.5 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.1 | 0.6 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.5 | 1.2 | 0.6 | 0.5 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.0 | 0.9 | 0.6 | 0.5 |
| Condominium status....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Units in structure....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent.....   | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.1 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.4 | 1.2 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.2 | 1.1 | 0.6 | 0.5 |
| House heating fuel....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.3 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.1 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.6 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                                | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.2 | 1.0 | 0.6 | 0.5 |

Table C. Standard Error Design Factors-South Carolina  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 1.0                 | 0.5                 | 0.5                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.7                     | 2.5                 | 1.4                 | 1.4                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.4                     | 2.1                 | 1.2                 | 1.0                   |
| Place of birth.....   | 2.4                     | 2.2                 | 1.3                 | 1.2                   |
| Citizenship.....  | 1.9                     | 1.6                 | 0.9                 | 0.8                   |
| Residence in 1985.....  | 2.1                     | 1.9                 | 1.0                 | 0.9                   |
| Year of entry.....  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.7                     | 1.5                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.7                     | 1.5                 | 0.8                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.1                     | 1.9                 | 1.2                 | 0.9                   |
| Household type.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Group quarters.....   | 0.9                     | 0.9                 | 0.9                 | 0.9                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.5 | 1.3 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.6 | 0.6 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.7 | 1.5 | 0.8 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.5 | 1.3 | 0.7 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 1.0 | 0.6 | 0.6 |
| Condominium status....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Units in structure....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent.....   | 1.2 | 1.1 | 0.5 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.1 | 0.5 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.1 | 0.5 | 0.5 |
| Kitchen facilities....                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.1 | 0.5 | 0.5 |
| Sewage disposal.....  | 1.2 | 1.1 | 0.5 | 0.5 |
| House heating fuel....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.3 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.5 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.1 | 0.5 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a percentage of household income in 1989.....                             | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors-South Dakota  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.6                 | 0.5                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| Children ever born....  | 2.7                     | 2.4                 | 1.8                 | 1.6                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 1.9                     | 1.7                 | 1.1                 | 0.8                   |
| Place of birth.....   | 2.2                     | 2.0                 | 1.5                 | 1.1                   |
| Citizenship.....  | 1.7                     | 1.4                 | 1.0                 | 0.7                   |
| Residence in 1985.....  | 2.0                     | 1.9                 | 1.3                 | 0.9                   |
| Year of entry.....  | 1.4                     | 1.1                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.6                     | 1.3                 | 0.9                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| School enrollment.....  | 1.6                     | 1.4                 | 1.0                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 3.4                     | 2.3                 | 1.5                 | 1.1                   |
| Household type.....   | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| Family type.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.0                     | 1.0                 | 0.8                 | 0.7                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 0.9                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.1                 | 0.7                 | 0.5                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 0.9                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.4                     | 1.1                 | 0.7                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.2                 | 0.8                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.5                     | 1.2                 | 0.8                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.7                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.5 | 1.2 | 0.8 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.0 | 0.7 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.1 | 0.7 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.4 | 0.9 | 0.6 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 0.9 | 0.6 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.4 | 1.1 | 0.8 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.3 | 0.9 | 0.6 | 0.5 |
| Condominium status....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Units in structure....                                      | 1.1 | 1.0 | 0.7 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.4 | 1.3 | 0.7 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.4 | 1.1 | 0.7 | 0.5 |
| Sewage disposal.....  | 1.2 | 1.0 | 0.6 | 0.4 |
| House heating fuel....                                      | 1.3 | 1.0 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.0 | 0.7 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.7 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.1 | 0.9 | 0.6 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.1 | 0.9 | 0.6 | 0.5 |



|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                                | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.2 | 0.9 | 0.6 | 0.5 |

Table C. Standard Error Design Factors-Tennessee  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.5                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.6                     | 2.4                 | 1.5                 | 1.3                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.2                     | 2.0                 | 1.1                 | 1.0                   |
| Place of birth.....   | 2.3                     | 2.1                 | 1.2                 | 1.0                   |
| Citizenship.....  | 1.8                     | 1.6                 | 0.9                 | 0.7                   |
| Residence in 1985.....  | 2.0                     | 1.8                 | 1.0                 | 0.9                   |
| Year of entry.....  | 1.4                     | 1.1                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.7                     | 1.5                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.7                     | 1.5                 | 0.9                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.5                     | 2.5                 | 1.3                 | 0.8                   |
| Household type.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.0                     | 0.9                 | 0.8                 | 0.8                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.5 | 1.3 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.7 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.4 | 0.7 | 0.6 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.4 | 1.2 | 0.7 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 1.0 | 0.6 | 0.5 |
| Condominium status....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Units in structure....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Gross rent.....   | 1.2 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.1 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.1 | 0.7 | 0.6 |
| Sewage disposal.....  | 1.2 | 1.1 | 0.6 | 0.5 |
| House heating fuel....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                                | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard for Design Factors-Texas  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.2                     | 1.0                 | 0.5                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.6                     | 2.4                 | 1.5                 | 1.3                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.4                     | 2.0                 | 1.1                 | 0.9                   |
| Place of birth.....   | 2.3                     | 2.1                 | 1.3                 | 1.1                   |
| Citizenship.....  | 1.8                     | 1.5                 | 0.9                 | 0.7                   |
| Residence in 1985.....  | 2.1                     | 1.9                 | 1.1                 | 0.9                   |
| Year of entry.....  | 1.5                     | 1.2                 | 0.7                 | 0.6                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.6                     | 1.4                 | 0.8                 | 0.6                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.8                     | 1.5                 | 0.9                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.5                     | 2.5                 | 1.5                 | 1.3                   |
| Household type.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.0                     | 1.0                 | 0.9                 | 0.8                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.5                     | 1.2                 | 0.7                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.4                     | 1.2                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.5                     | 1.2                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.5 | 1.2 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.8 | 1.5 | 0.8 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and veteran<br>status.....                     | 1.5 | 1.3 | 0.7 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 1.0 | 0.6 | 0.5 |
| Condominium status....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Units in structure....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent.....   | 1.2 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.1 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.1 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.1 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| House heating fuel....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.1 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                                | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard for Design Factors-Utah  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.6                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.4                     | 1.2                 | 0.8                 | 0.6                   |
| Children ever born....  | 2.7                     | 2.4                 | 1.7                 | 1.3                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.1                     | 1.9                 | 1.2                 | 1.0                   |
| Place of birth.....   | 2.3                     | 2.1                 | 1.5                 | 1.3                   |
| Citizenship.....  | 1.7                     | 1.5                 | 1.0                 | 0.7                   |
| Residence in 1985.....  | 2.2                     | 2.0                 | 1.3                 | 1.1                   |
| Year of entry.....  | 1.4                     | 1.2                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.6                     | 1.4                 | 0.9                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| School enrollment.....  | 1.6                     | 1.4                 | 0.9                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.5                     | 2.5                 | 2.2                 | 1.7                   |
| Household type.....   | 1.4                     | 1.2                 | 0.8                 | 0.6                   |
| Family type.....  | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.0                     | 0.8                 | 0.8                 | 0.8                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.5                 | 0.4                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.7                 | 0.5                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| Place of work.....  | 1.4                     | 1.2                 | 0.8                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.2                 | 0.8                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.7                 | 0.5                   |



|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.2 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.7 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.7 | 1.5 | 0.9 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.4 | 1.1 | 0.7 | 0.5 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.2 | 0.9 | 0.6 | 0.5 |
| Condominium status....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Units in structure....                                      | 1.1 | 1.0 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.2 | 1.0 | 0.7 | 0.6 |
| Source of water,<br>plumbing facilities.                    | 1.4 | 1.2 | 0.6 | 0.6 |
| Sewage disposal.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| House heating fuel....                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.6 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                                | 1.2 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.1 | 1.0 | 0.6 | 0.5 |

Table C. Standard Error Design Factors-Vermont  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.6                 | 0.5                   |
| Household type and<br>relationship.....                         | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.5                     | 2.2                 | 1.3                 | 1.2                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 1.8                     | 1.5                 | 1.0                 | 0.8                   |
| Place of birth.....   | 1.9                     | 1.6                 | 1.0                 | 0.9                   |
| Citizenship.....  | 1.7                     | 1.4                 | 1.0                 | 0.8                   |
| Residence in 1985.....  | 1.9                     | 1.7                 | 1.0                 | 0.9                   |
| Year of entry.....  | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.6                     | 1.3                 | 0.9                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.6                     | 1.4                 | 1.0                 | 0.8                   |
| Type of residence<br>(urban/rural).....                         | 1.7                     | 1.7                 | 1.4                 | 1.4                   |
| Household type.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Family type.....  | 1.1                     | 1.0                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.0                     | 1.1                 | 0.9                 | 0.8                   |
| Subfamily type and<br>presence of children                      | 1.1                     | 0.9                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.1                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.7                 | 0.6                   |
| Place of work.....  | 1.4                     | 1.2                 | 0.8                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.2 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.1 | 1.0 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.1 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.5 | 1.2 | 0.7 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.1 | 0.9 | 0.5 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.4 | 1.1 | 0.7 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 0.9 | 0.9 | 0.5 | 0.5 |
| Condominium status....                                      | 1.1 | 1.0 | 0.5 | 0.5 |
| Units in structure....                                      | 1.1 | 1.0 | 0.5 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.1 | 1.0 | 0.6 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in<br>1989.....                            | 1.1 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.1 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.1 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.1 | 0.9 | 0.6 | 0.6 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.1 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.1 | 1.0 | 0.5 | 0.5 |
| House heating fuel....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.0 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.1 | 0.9 | 0.6 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.1 | 0.9 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a percentage of household income in 1989.....                             | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.1 | 0.9 | 0.5 | 0.5 |

Table C. Standard Error Design Factors-Virginia  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.6                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.5                     | 2.3                 | 1.4                 | 1.3                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.1                     | 1.9                 | 1.1                 | 1.0                   |
| Place of birth.....   | 2.0                     | 1.8                 | 1.1                 | 1.0                   |
| Citizenship.....  | 1.8                     | 1.5                 | 0.9                 | 0.7                   |
| Residence in 1985.....  | 2.0                     | 1.8                 | 1.0                 | 0.8                   |
| Year of entry.....  | 1.5                     | 1.2                 | 0.7                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.7                     | 1.4                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.7                     | 1.5                 | 0.9                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.5                     | 2.5                 | 1.9                 | 1.2                   |
| Household type.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.0                     | 0.9                 | 0.8                 | 0.8                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.4                     | 1.2                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.3                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.2 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.4 | 0.7 | 0.6 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.4 | 1.2 | 0.7 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 1.0 | 0.6 | 0.6 |
| Condominium status....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Units in structure....                                      | 1.1 | 1.0 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.2 | 1.1 | 0.6 | 0.4 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.1 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.2 | 1.0 | 0.6 | 0.6 |
| House heating fuel....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                                | 1.2 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.2 | 1.0 | 0.5 | 0.5 |



Table C. Standard Error Design Factors-Washington  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.5                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.5                     | 2.2                 | 1.3                 | 1.2                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 1.9                     | 1.6                 | 1.0                 | 0.8                   |
| Place of birth.....   | 1.8                     | 1.6                 | 0.9                 | 0.8                   |
| Citizenship.....  | 1.7                     | 1.4                 | 0.8                 | 0.7                   |
| Residence in 1985.....  | 2.0                     | 1.7                 | 1.0                 | 0.9                   |
| Year of entry.....  | 1.5                     | 1.2                 | 0.7                 | 0.6                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.6                     | 1.4                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.6                     | 1.4                 | 0.8                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.3                     | 2.3                 | 1.5                 | 1.1                   |
| Household type.....   | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.0                     | 0.9                 | 0.7                 | 0.7                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.7                 | 0.5                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.2 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.3 | 0.8 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.4 | 1.1 | 0.6 | 0.5 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 1.0 | 0.6 | 0.5 |
| Condominium status....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Units in structure....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.2 | 1.0 | 0.8 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.4 | 1.1 | 0.6 | 0.5 |
| Sewage disposal.....  | 1.2 | 1.0 | 0.5 | 0.4 |
| House heating fuel....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.6 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income in<br>1989.....                                | 1.3 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.2 | 1.0 | 0.6 | 0.5 |

Table C. Standard Error Design Factors--West Virginia  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 0.9                 | 0.6                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.8                     | 2.6                 | 1.7                 | 1.3                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 2.1                     | 1.9                 | 1.1                 | 0.9                   |
| Place of birth.....   | 2.5                     | 2.3                 | 1.4                 | 1.1                   |
| Citizenship.....  | 1.8                     | 1.6                 | 1.0                 | 0.8                   |
| Residence in 1985.....  | 2.2                     | 1.9                 | 1.1                 | 0.9                   |
| Year of entry.....  | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.7                     | 1.4                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.7                     | 1.5                 | 0.9                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.1                     | 1.9                 | 0.9                 | 0.7                   |
| Household type.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.0                     | 0.9                 | 0.9                 | 0.9                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.1                 | 0.7                 | 0.5                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.2 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.2 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.1 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.4 | 0.8 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.4 | 1.2 | 0.7 | 0.6 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.1 | 1.0 | 0.7 | 0.6 |
| Condominium status....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Units in structure....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.2 | 1.2 | 1.2 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.3 | 1.1 | 0.7 | 0.6 |
| Sewage disposal.....  | 1.1 | 1.0 | 0.5 | 0.5 |
| House heating fuel....                                      | 1.2 | 1.1 | 0.6 | 0.5 |
| Telephone in housing<br>units.....                          | 1.2 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                                | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.2 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors-Wisconsin  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.2                     | 0.9                 | 0.5                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Children ever born....  | 2.6                     | 2.3                 | 1.5                 | 1.3                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Ancestry.....   | 1.9                     | 1.6                 | 0.9                 | 0.8                   |
| Place of birth.....   | 2.3                     | 2.2                 | 1.2                 | 1.1                   |
| Citizenship.....  | 1.7                     | 1.4                 | 0.9                 | 0.7                   |
| Residence in 1985.....  | 2.0                     | 1.7                 | 1.0                 | 0.9                   |
| Year of entry.....  | 1.4                     | 1.1                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.6                     | 1.4                 | 0.8                 | 0.7                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| School enrollment.....  | 1.6                     | 1.4                 | 0.9                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.0                     | 2.0                 | 1.4                 | 1.2                   |
| Household type.....   | 1.3                     | 1.0                 | 0.6                 | 0.5                   |
| Family type.....  | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Group quarters.....   | 0.9                     | 0.8                 | 0.7                 | 0.7                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.6                 | 0.6                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.5                 | 0.5                   |
| Number of workers in<br>family.....                             | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.2                 | 0.7                 | 0.6                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.2                 | 0.7                 | 0.6                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.2 | 0.7 | 0.6 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.3 | 0.7 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.5 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.4 | 1.1 | 0.7 | 0.5 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.0 | 0.9 | 0.5 | 0.5 |
| Condominium status....                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Units in structure....                                      | 1.1 | 1.0 | 0.5 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.1 | 1.0 | 0.5 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.5 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.5 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.5 | 0.5 |
| Kitchen facilities....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.2 | 1.1 | 0.5 | 0.5 |
| Sewage disposal.....  | 1.1 | 0.9 | 0.5 | 0.5 |
| House heating fuel....                                      | 1.3 | 1.1 | 0.5 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.2 | 1.0 | 0.5 | 0.5 |
| Vehicles available....                                      | 1.2 | 1.1 | 0.5 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>monthly mortgage cost                | 1.2 | 1.0 | 0.5 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.5 | 0.5 |



|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a percentage of household income in 1989.....                             | 1.2 | 1.0 | 0.5 | 0.5 |
| Household income in 1989 by selected monthly owner costs as a percentage of income..... | 1.1 | 1.0 | 0.5 | 0.5 |

Table C. Standard Error Design Factors-Wyoming  
(Percent of persons or housing units in sample)

| Characteristic  | Less than<br>15 percent | 15 to 30<br>percent | 30 to 45<br>percent | 45 percent<br>or more |
|---|-------------------------|---------------------|---------------------|-----------------------|
| POPULATION  |                         |                     |                     |                       |
| Age.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Sex.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Race.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Hispanic origin (of<br>any race).....                           | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Marital status.....   | 1.1                     | 1.0                 | 0.6                 | 0.4                   |
| Household type and<br>relationship.....                         | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| Children ever born....  | 2.6                     | 2.3                 | 1.5                 | 1.2                   |
| Work disability and<br>mobility limitation<br>status.....       | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Ancestry.....   | 1.9                     | 1.7                 | 1.0                 | 0.8                   |
| Place of birth.....   | 1.8                     | 1.6                 | 1.0                 | 0.7                   |
| Citizenship.....  | 1.7                     | 1.6                 | 0.9                 | 0.7                   |
| Residence in 1985.....  | 2.1                     | 1.9                 | 1.2                 | 0.9                   |
| Year of entry.....  | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Language spoken at<br>home and ability to<br>speak English..... | 1.6                     | 1.4                 | 0.9                 | 0.6                   |
| Educational attainment  | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| School enrollment.....  | 1.7                     | 1.5                 | 0.9                 | 0.7                   |
| Type of residence<br>(urban/rural).....                         | 2.0                     | 1.9                 | 1.7                 | 0.7                   |
| Household type.....   | 1.3                     | 1.1                 | 0.7                 | 0.5                   |
| Family type.....  | 1.2                     | 1.1                 | 0.6                 | 0.5                   |
| Group quarters.....   | 1.2                     | 1.2                 | 1.2                 | 1.2                   |
| Subfamily type and<br>presence of children                      | 1.2                     | 1.0                 | 0.5                 | 0.4                   |
| Employment status.....  | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Industry.....   | 1.3                     | 1.1                 | 0.6                 | 0.5                   |
| Occupation.....   | 1.2                     | 1.0                 | 0.6                 | 0.5                   |
| Class of worker.....  | 1.4                     | 1.2                 | 0.7                 | 0.5                   |
| Hours per week and<br>weeks worked in 1989                      | 1.2                     | 1.0                 | 0.6                 | 0.4                   |
| Number of workers in<br>family.....                             | 1.4                     | 1.2                 | 0.7                 | 0.5                   |
| Place of work.....  | 1.5                     | 1.3                 | 0.8                 | 0.5                   |
| Means of transportation<br>to work.....                         | 1.4                     | 1.2                 | 0.7                 | 0.5                   |
| Travel time to work...  | 1.3                     | 1.1                 | 0.7                 | 0.5                   |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Private vehicle<br>occupancy.....                           | 1.4 | 1.2 | 0.7 | 0.5 |
| Time leaving home to<br>go to work.....                     | 1.3 | 1.1 | 0.6 | 0.5 |
| Type of income in 1989                                      | 1.4 | 1.2 | 0.7 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Family income in 1989.                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Poverty status in 1989<br>(persons).....                    | 1.6 | 1.4 | 0.8 | 0.7 |
| Poverty status in 1989<br>(families).....                   | 1.2 | 1.0 | 0.6 | 0.5 |
| Armed Forces and<br>veteran status.....                     | 1.3 | 1.2 | 0.7 | 0.5 |
| HOUSING   |     |     |     |     |
| Age of householder....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Race of householder...                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Hispanic origin of<br>householder.....                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Type of residence<br>(urban/rural).....                     | 1.0 | 0.9 | 0.5 | 0.5 |
| Condominium status....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Units in structure....                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Tenure.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Occupancy status.....                                       | 1.2 | 1.0 | 0.6 | 0.5 |
| Value.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Gross rent.....   | 1.2 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989.....                            | 1.2 | 1.0 | 0.6 | 0.5 |
| Year structure built..                                      | 1.2 | 1.0 | 0.6 | 0.5 |
| Rooms, bedrooms.....  | 1.2 | 1.0 | 0.6 | 0.5 |
| Kitchen facilities....                                      | 1.2 | 1.2 | 0.5 | 0.5 |
| Source of water,<br>plumbing facilities.                    | 1.4 | 1.1 | 0.6 | 0.6 |
| Sewage disposal.....  | 1.2 | 1.0 | 0.6 | 0.4 |
| House heating fuel....                                      | 1.3 | 1.0 | 0.6 | 0.5 |
| Telephone in housing<br>unit.....                           | 1.3 | 1.1 | 0.6 | 0.5 |
| Vehicles available....                                      | 1.3 | 1.1 | 0.6 | 0.5 |
| Year householder moved<br>into structure.....               | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>monthly mortgage<br>costs.....       | 1.2 | 1.0 | 0.6 | 0.5 |
| Mortgage status and<br>selected monthly<br>owner costs..... | 1.2 | 1.0 | 0.6 | 0.5 |

|   |     |     |     |     |
|---|-----|-----|-----|-----|
| Gross rent as a<br>percentage of<br>household income<br>in 1989.....                                | 1.3 | 1.0 | 0.6 | 0.5 |
| Household income in<br>1989 by selected<br>monthly owner costs<br>as a percentage of<br>income..... | 1.2 | 1.0 | 0.6 | 0.5 |

\* U.S. GOVERNMENT PRINTING OFFICE:1993-341-833/84007

APPENDIX D.  
Collection and Processing Procedures

CONTENTS

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 Enumeration and Residence Rules..... 885  
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ENUMERATION AND RESIDENCE RULES

In accordance With census practice dating back to the first United States census in 1790, each person was to be enumerated as an inhabitant of his or her "usual residence" in the 1990 census. Usual residence is the place where the person lives and sleeps most of the time or considers to be his or her usual residence. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1, 1990).

ENUMERATION RULES

Each person whose usual residence was in the United States was to be included in the census, without regard to the person's legal status or citizenship. In a departure from earlier censuses, foreign diplomatic personnel participated voluntarily in the census, regardless of their residence on or off the premises of an embassy. As in previous censuses, persons in the United States specifically excluded from the census were foreign travelers who had not established a residence.

Americans with a usual residence outside the United States were not enumerated in the 1990 census. United States military and Federal civilian employees, and their dependents overseas, are included in the population counts for States for purposes of Congressional apportionment, but are excluded from all other tabulations for States and their subdivisions. The counts of United States military and Federal civilian employees, and their dependents, were obtained from administrative records maintained by Federal departments and agencies. Other Americans living overseas, such as employees of international agencies and private businesses and

students, were not enumerated, nor were their courts obtained from administrative sources. On the other hand, Americans temporarily overseas were to be enumerated at their usual residence in the United States.

#### RESIDENCE RULES

Each person included in the census was to be counted at his or her usual residence--the place where he or she lives and sleeps most of the time or the place where the person considers to be his or her usual home. If a person had no usual residence, the person was to be counted where he or she was staying on April 1, 1990.

Persons temporarily away from their usual residence, whether in the United States or overseas, on a vacation or on a business trip, were counted at their usual residence. Persons who occupied more than one residence during the year were counted at the one they considered to be their usual residence. Persons who moved on or near Census Day were counted at the place they considered to be their usual residence.

PERSONS IN THE ARMED FORCES--Members of the Armed Forces were counted as residents of the area in which the installation was located either on the installation or in the surrounding community. Family members of Armed Forces personnel were counted where they were living on Census Day (for example, with the Armed Forces person or at another location).

Each Navy ship not deployed to the 6th or 7th Fleet was attributed to the municipality that the Department of the Navy designated as its homeport. If the homeport included more than one municipality, ships berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Ships attributed to the homeport, but not physically present and not deployed to the 6th or 7th Fleet, were assigned to the municipality named on the Department of the Navy's homeport list. These rules also apply to Coast Guard vessels.

Personnel assigned to each Navy and Coast Guard ship were given the opportunity to report a residence off the ship. Those who did report an off-ship residence in the communities surrounding the homeport were counted there; those who did not were counted as residents of the ship. Personnel on Navy ships deployed to the 6th or 7th Fleet on Census Day were considered to be part of the overseas population.

PERSONS ON MARITIME SHIPS--Persons aboard maritime ships who reported an off-ship residence were counted at that residence. Those who did not were counted as residents of the ship, and were attributed as follows:

1. The port where the ship was docked on Census Day, if that port was in the United States or its territories.

2. The port of departure if the ship was at sea, provided the port was in the United States or its territories.
3. The port of destination in the United States or its territories, if the port of departure of a ship at sea was a foreign port.
4. The overseas population if the ship was docked at a foreign port or at sea between foreign ports. (These persons were not included in the overseas population for apportionment purposes.)

PERSONS AWAY AT SCHOOL-College students were counted as residents of the area in which they were living while attending college, as they have been since the 1950 census. Children in boarding schools below the college level were counted at their parental home.

PERSONS IN INSTITUTIONS-Persons under formally authorized, supervised care or custody, such as in Federal or State prisons; local jails; Federal detention centers; juvenile institutions; nursing convalescent, and rest homes for the aged and dependent; or homes, schools, hospitals, or wards for the physically handicapped, mentally retarded, or mentally ill, were counted at these places.

PERSONS AWAY FROM THEIR USUAL RESIDENCE ON CENSUS DAY-Migrant agricultural workers who did not report a usual residence elsewhere were counted as residents of the place where they were on Census Day. Persons in worker camps who did not report a usual residence elsewhere were counted as residents of the camp where they were on Census Day.

In some parts of the country, natural disasters displaced significant numbers of households from their usual place of residence. If these persons reported a destroyed or damaged residence as their usual residence, they were counted at that location.

Persons away from their usual residence were counted by means of interviews with other members of their families, resident managers, or neighbors.

#### DATA COLLECTION PROCEDURES

The 1990 census was conducted primarily through self-enumeration. The questionnaire packet included general information about the 1990 census and an instruction guide explaining how to complete the questionnaire. Spanish-language questionnaires and instruction guides were available on request. Instruction guides also were available in 32 other languages.

#### ENUMERATION OF HOUSING UNITS

Each housing unit in the country received one of two versions of

the census questionnaire:

1. A short-form questionnaire that contained a limited number of basic population and housing questions; these questions were asked of all persons and housing units and are often referred to as 100-percent questions.
2. A long-form questionnaire that contained the 100-percent items and a number of additional questions; a sampling procedure was used to determine those housing units that were to receive the long-form questionnaire.

Three sampling rates were employed. For slightly more than one-half of the country, one in every six housing units (about 17 percent) received the long-form or sample questionnaire. In functioning local governmental units (counties and incorporated places, and in some parts of the country, towns and townships) estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire in order to enhance the reliability of the sample data for these small areas. For census tracts and block numbering areas having more than 2,000 housing units in the Census Bureau's address files, one in every eight housing units (about 13 percent) received a sample questionnaire, providing reliable statistics for these areas while permitting the Census Bureau to stay within a limit of 17.7 million sample questionnaires, or a one-in-six sample, nationwide.

The mail-out/mail-back procedure was used mainly in cities, suburban areas, towns, and rural areas where mailing addresses consisted of a house number and street name. In these areas, the Census Bureau developed mailing lists that included about 88.4 million addresses. The questionnaires were delivered through the mail and respondents were to return them by mail. Census questionnaires were delivered 1 week before Census Day (April 1, 1990)

The update/leave/mail-back method was used mainly in densely populated rural areas where it was difficult to develop mailing lists because mailing addresses did not use house number and street name. The Census Bureau compiled lists of housing units in advance of the census. Enumerators delivered the questionnaires, asked respondents to return them by mail, and added housing units not on the mailing lists. This method was used mainly in the South and Midwest, and also included some highrise, low-income urban areas. A variation of this method was used in urban areas having large numbers of boarded-up buildings. About 11 million housing units were enumerated using this method.

The list/enumerate method (formerly called conventional or door-to-door enumeration) was used mainly in very remote and sparsely-settled areas. The United States Postal Service delivered unaddressed short-form questionnaires before Census Day. Starting a week before Census Day, enumerators canvassed these areas, checked that all housing units received a questionnaire, created a list of



all housing units, completed long-form questionnaires, and picked up the completed short-form questionnaires. This method was used mainly in the West and Northeast to enumerate an estimated 6.5 million housing units.

#### FOLLOWUP

NONRESPONSE FOLLOWUP-In areas where respondents were to mail back their questionnaires, an enumerator visited each address from which a questionnaire was not received.

COVERAGE AND EDIT-FAILURE FOLLOWUP-In the mailback areas, some households returned a questionnaire that did not meet specific quality standards because of incomplete or inconsistent information, or the respondent had indicated difficulty in deciding who was to be listed on the questionnaire. These households were contacted by telephone or by personal visit to obtain the missing information or to clarify who was to be enumerated in the household. In areas where an enumerator picked up the questionnaires, the enumerator checked the respondent-filled questionnaire for completeness and consistency.

#### SPECIAL ENUMERATION PROCEDURES

Special procedures and questionnaires were used for the enumeration of persons in group quarters, such as college dormitories, nursing homes, prisons, military barracks, and ships. The questionnaires (Individual Census Reports, Military Census Reports, and Shipboard Census Reports) included the 100-percent population questions but did not include any housing questions. In all group quarters, all persons were asked the basic population questions; in most group quarters, additional questions were asked of a sample (one-in-six) of persons.

#### SHELTER AND STREET NIGHT (S-NIGHT)

The Census Bureau collected data for various components of the homeless population at different stages in the 1990 census. "Shelter and Street Night" (S-Night) was a special census operation to count the population in four types of locations where homeless people are found. On the evening of March 20, 1990, and during the early morning hours of March 21, 1990, enumerators counted persons in pre-identified locations:

1. Emergency shelters for the homeless population (public and private; permanent and temporary).
2. Shelters with temporary lodging for runaway youths.
3. Shelters for abused women and their children.
4. Open locations in streets or other places not intended for

habitation.

Emergency shelters include all hotels and motels costing \$12 or less (excluding taxes) per night regardless of whether persons living there considered themselves to be homeless, hotels and motels (regardless of cost) used entirely to shelter homeless persons, and pre-identified rooms in hotels and motels used for homeless persons and families. Enumeration in shelters usually occurred from 6 p.m. to midnight; street enumeration, from 2 a.m. to 4 a.m.; abandoned and boarded-up buildings from 4 a.m. to 8 a.m.; and shelters for abused women, from 6 p.m. on March 20 to noon on March 21.

Other components, which some consider as part of the homeless population, were enumerated as part of regular census operations. These include persons doubled up with other families, as well as persons with no other usual home living in transient sites, such as commercial campgrounds, maternity homes for unwed mothers, and drug/alcohol abuse detoxification centers. In institutions, such as local jails and mental hospitals, the Census Bureau does not know who has a usual home elsewhere; therefore, even though some are literally homeless, these persons cannot be identified separately as a component of the homeless population.

There is no generally agreed-upon definition of "the homeless," and there are limitations in the census count that prevent obtaining a total count of the homeless population under any definition. As such, the Census Bureau does not have a definition and will not provide a total count of "the homeless." Rather, the Census Bureau will provide counts and characteristics of persons found at the time of the census in selected types of living arrangements. These selected components can be used as building blocks to construct a count of homeless persons appropriate to particular purposes as long as the data limitations are taken into account.

In preparation for "Shelter-and-Street-Night" enumeration, the regional census centers (ROC's) mailed a certified letter (Form D-33 (L)) to the highest elected official of each active functioning government of the United States (more than 39,000) requesting them to identify:

1. All shelters with sleeping facilities (permanent and temporary, such as church basements, armories, public buildings, and so forth, that could be open on March 20).
2. Hotels and motels used to house homeless persons and families.
3. A list of outdoor locations where homeless persons tend to be at night.
4. Places such as bus or train stations, subway stations, airports, hospital emergency rooms, and so forth, where homeless persons seek shelter at night.

5. The specific addresses of abandoned or boarded-up buildings where homeless persons were thought to stay at night.

The letter from the RCC's to the governmental units emphasized the importance of listing night-time congregating sites. The list of shelters was expanded using information from administrative records and informed local sources. The street sites were limited to the list provided by the jurisdictions. All governmental units were eligible for "Shelter and Street Night." For cities with 50,000 or more persons, the Census Bureau took additional steps to update the list of shelter and street locations if the local jurisdiction did not respond to the certified letter. Smaller cities and rural areas participated if the local jurisdiction provided the Census Bureau a list of shelters or open public places to visit or if shelters were identified through our inventory development, local knowledge update, or during the Special Place Prelist operation.

The Census Bureau encouraged persons familiar with homeless persons and the homeless themselves to apply as enumerators. This recruiting effort was particularly successful in larger cities.

For shelters, both long- and short-form Individual Census Reports (ICR'S) were distributed. For street enumeration, only short-form ICR's were used. Persons in shelters and at street locations were asked the basic population questions. Additional questions about social and economic characteristics were asked of a sample of persons in shelters only.

Enumerators were instructed not to ask who was homeless; rather, they were told to count all persons (including children) staying overnight at the shelters, and everyone they saw on the street except the police, other persons in uniform, and persons engaged in employment or obvious money-making activities other than begging and panhandling

At both shelter and street sites, persons found sleeping were not awakened to answer questions. Rather, the enumerator answered the sex and race questions by observation and estimated the person's age to the best of his or her ability. In shelters, administrative records and information from the shelter operator were used when available, for persons who were already asleep.

Less than 1 percent of shelters refused to participate in the census count at first. By the end of the census period, most of those eventually cooperated and the number of refusals had been reduced to a few. For the final refusals, head counts and population characteristics were obtained by enumerators standing outside such shelters and courding people as they left in the morning

The "street" count was restricted to persons who were visible when the enumerator came to the open, public locations that had been identified by local jurisdictions. Homeless persons who were well hidden, moving about, or in locations other than those identified by the local governments were likely missed. The number missed will never be known and there is no basis to make an estimate of the number missed from census data. The count of persons in open, public places was affected by many factors, including the extra efforts made

to encourage people to go to shelters for "Shelter and Street Night," the weather (which was unusually cold in many parts of the country), the presence of the media, and distrust of the census. Expectations of the number of homeless persons on the street cannot be based on the number seen during the day because the night-time situation is normally very different as more homeless persons are in shelters or very well hidden.

For both "Shelter-and-Street-Night" locations, the Census Bureau assumed that the usual home of those enumerated was in the block where they were found (shelter or street).

The "Shelter-and-Street-Night" operation replaced and expanded the 1980 Mission Night (M-Night) and Casual Count operations. These two operations were aimed at counting the population who reported having no usual residence. M-Night was conducted a week after Census Day, in April 1980. Enumerators visited hotels, motels, and similar places costing \$4 or less each night; missions, flophouses, local jails and similar places at which the average length of stay was 30 days or less; and nonshelter locations, such as bus depots, train stations, and all night movie theaters. Questions were asked of everyone, regardless of age. Enumerators conducted M-Night up to midnight on April 8, 1980, and returned the next morning to collect any forms completed after midnight.

The Casual Count operation was conducted in May 1980 at additional nonshelter locations, such as street corners, pool halls, welfare and employment offices. This operation lasted for approximately 2 weeks. Casual Count was conducted during the day only in selected large central cities. Only persons who appeared to be at least 15 years of age were asked if they had been previously enumerated. Casual Count was actually a coverage-improvement operation. It was not specifically an operation to count homeless persons living in the streets. Persons were excluded if they said they had a usual home outside the city because it was not cost effective to check through individual questionnaires in another city to try to find the person.

#### PROCESSING PROCEDURES

Respondents returned many census questionnaires by mail to 1 of over 344 census district offices or to one of six processing offices. In these offices, the questionnaires were "checked in" and edited for completeness and consistency of the responses. After this initial processing had been performed, all questionnaires were sent to the processing offices.

In the processing offices, the household questionnaires were microfilmed and processed by the Film Optical Sensing Device for Input to Computer's (FOSDIC). For most items on the questionnaire, the information supplied by the respondent was indicated by filling circles in predesignated positions. FOSDIC electronically "read" these filled circles from the microfilm copy of the questionnaire and transferred the information to computer tape. The computer tape did not include individual names, addresses, or handwritten responses.

The data processing was performed in several stages. All questionnaires were microfilmed, "read" by FOSDIC, and transferred to computer disk. Selected written entries in the race question on both the short and long forms were keyed from the microfilm and coded using the data base developed from the 1980 census and subsequent content and operational tests. Keying of other written entries on the long forms occurred in the seven processing offices.

The information (for example, income dollar amounts or homeowner shelter costs) on these keyed files was merged with the FOSDIC data or processed further through one of three automated coding programs. The codes for industry, occupation, place-of-birth, migration, place-of-work, ancestry, language, relationship, race, and Hispanic origin were merged with the FOSDIC data for editing, weighting, and tabulating operations at Census Bureau headquarters. All responses to the questions on Individual Census Reports (ICR's), Military Census Reports (MCR's), and Shipboard Census Reports (SCR's) were keyed, not processed by microfilm or FOSDIC.



# APPENDIX E.

## Facsimiles of Respondent Instructions and Questionnaire Pages

### Your Guide for the

# 1990 U.S. Census Form

This guide gives helpful information on filling out your census form. If you need more help, call the local U.S. census office. **The telephone number is on the cover of the questionnaire.** After you have filled out your form, please return it in the **envelope** we have provided.

| On the inside                                      | Page        |
|--|-------------|
| <b>How</b><br>to fill out your census form         | <b>2</b>    |
| <b>Example</b>                                     | <b>2</b>    |
| <b>Your</b><br>answers are confidential            | <b>2</b>    |
| <b>Instructions</b><br>for the census questions    | <b>3-11</b> |
| <b>What</b><br>the census is about                 | <b>12</b>   |
| <b>Why</b><br>the census asks certain<br>questions | <b>12</b>   |

CENSUS '90

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS



D4

## How to Fill Out Your Census Form

Please use a black lead pencil only. Black lead pencil is better to use than ballpoint or other pens. Most questions ask you to fill in the circle, or to print the information. See **Example** below.

Make sure you print answers for everyone in this household. If someone in the household, such as a roomer or boarder, does not want to give you all the information for the form, print at least the person's name and answer questions 2 and 3. A census taker will call to get the other information directly from the person.

There may be a question you cannot answer exactly. For example, you might not know the age of an elderly person or the price for which your house would sell. Ask someone else in your household; if no one knows, give your best estimate.

Instructions for individual questions begin on page 3 of this guide. They will help you to understand the questions and answer them correctly.

If you have a question about filling out the census form or need assistance, call the local U.S. census office. **The telephone number is given on the cover of the questionnaire.**

If you do not mail back your census form, a census taker will be sent out to assist you. But it saves time and your taxpayer dollars if you fill out the form yourself and mail it back.

### Example

| a. Age   | b. Year of birth   | a. Age   | b. Year of birth   |
|--|--|--|--|
| <input type="checkbox"/> 0 <input type="checkbox"/> 0 <input type="checkbox"/> 0 <input type="checkbox"/> 0            | <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 8 <input type="checkbox"/> 0 <input type="checkbox"/> 0 <input type="checkbox"/> 0 <input type="checkbox"/> 0 | <input type="checkbox"/> 0 <input type="checkbox"/> 0 <input type="checkbox"/> 0 <input type="checkbox"/> 0            | <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 8 <input type="checkbox"/> 0 <input type="checkbox"/> 0 <input type="checkbox"/> 0 <input type="checkbox"/> 0 |
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## Your Answers Are Confidential

The law authorizing the census (Title 13, U.S. Code) also provides that your answers are confidential. No one except census workers may see your completed form and they can be fined and/or imprisoned for any disclosure of your answers. Only after 72 years can your individual census form become available to other government agencies (whether federal, state, county, or local). Until then, no other person or business can see your individual report.

The same law that protects the confidentiality of your answers requires that you provide the information asked in this census to the best of your knowledge.

Information collected from the decennial census is used for a variety of statistical purposes. Census information is used to find out where funding is most needed for schools, health centers, highways, and other services. Census results are used by members of public and private groups—including community organizations—and by businesses and industries, as well as by agencies at all levels of government.

## Instructions for Questions 1a through 7

- 1a. List everyone who lives at this address in question 1a. If you are not sure if you should list a person, see the rules on page 1 of the census form. If you are still not sure, answer as best you can and fill in "Yes" for question H1a or H1b, as appropriate.  
If there are more than seven people in your household, please list all the persons in question 1a, complete the form for seven people, and mail it back in the enclosed envelope. A census taker will call to obtain the information for the additional persons.
- b. If everyone listed in question 1a usually lives at another address(es), print the address(es) in 1b.
2. Fill one circle to show how each person is related to the person in column 1.  
If **Other relative** of the person in column 1, print the exact relationship such as son-in-law, daughter-in-law, grandparent, nephew, niece, mother-in-law, father-in-law, cousin, and so on.  
If the **Stepson/stepdaughter** of the person in column 1 also has been legally adopted by the person in column 1, mark **Stepson/stepdaughter** but do not mark **Natural-born or adopted son/daughter**. In other words, **Stepson/stepdaughter** takes precedence over **Adopted son/daughter**.
4. Fill ONE circle for the race each person considers himself/herself to be.  
If you fill the **Indian (Amer.)** circle, print the name of the tribe or tribes in which the person is enrolled. If the person is not enrolled in a tribe, print the name of the principal tribe(s).  
If you fill the **Other API** circle [under **Asian or Pacific Islander (API)**], only print the name of the group to which the person belongs. For example, the **Other API** category includes persons who identify as Burmese, Fijian, Hmong, Indonesian, Laotian, Bangladeshi, Pakistani, Tongan, Thai, Cambodian, Sri Lankan, and so on.  
If you fill the **Other race** circle, be sure to print the name of the race.  
If the person considers himself/herself to be **White, Black or Negro, Eskimo or Aleut**, fill one circle only. Please do not print the race in the boxes.

The **Black or Negro** category also includes persons who identify as African-American, Afro-American, Haitian, Jamaican, West Indian, Nigerian, and so on.

All persons, regardless of citizenship status, should answer this question.

5. Print age at last birthday in the space provided (print "00" for babies less than 1 year old). Fill in the matching circle below each box. Also, print year of birth in the space provided. Then fill in the matching circle below each box. For an illustration of how to complete question 5, see the **Example** on page 2 of this guide.
6. If the person's only marriage was annulled, mark **Never married**.
7. A person is of Spanish/Hispanic origin if the person's origin (ancestry) is Mexican, Mexican-Am., Chicano, Puerto Rican, Cuban, Argentinean, Colombian, Costa Rican, Dominican, Ecuadoran, Guatemalan, Honduran, Nicaraguan, Peruvian, Salvadoran, from other Spanish-speaking countries of the Caribbean or Central or South America, or from Spain.

If you fill the **Yes, other Spanish/Hispanic** circle, print one group.

A person who is not of Spanish/Hispanic origin should answer this question by filling the **No (not Spanish/Hispanic)** circle. Note that the term "**Mexican-Am.**" refers only to persons of Mexican origin or ancestry.

All persons, regardless of citizenship status, should answer this question.

## Instructions for Question H1a through H1b

- H1a. Refer to the list of persons you entered in question 1a on page 1. If you left anyone out of your list because you were not sure if the person(s) should be listed, answer question H1a as **Yes**. Then enter the name(s) and reason(s) why you did not list the person(s) on the lines provided. Otherwise, answer question H1a as **No**.
- b. If you included anyone on your list even though you were not sure that you should list the person(s), answer question H1b as **Yes**. Then enter the name(s) and reason(s) why you listed the person(s) on the lines provided. Otherwise, answer question H1b as **No**.



## Instructions for Questions H2 through H7b

- H2.** Fill only one circle.
- Count all occupied and vacant apartments in the house or building. Do not count stores or office space.
- Detached* means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall that goes from ground to roof. An example of **A one-family house attached to one or more houses** is a house in a row of houses attached to one another.
- A mobile home or trailer that has had one or more rooms added or built onto it should be counted as a *one-family detached house*; a porch or shed is not considered a room.
- H3.** Count only whole rooms in your house, apartment, or mobile home used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, foyers, halls, half-rooms, porches, balconies, unfinished attics, unfinished basements, or other unfinished space used for storage.
- H4.** Housing is owned if the owner or co-owner lives in it. Mark **Owned by you or someone in this household with a mortgage or loan** if the house, apartment, or mobile home is mortgaged or there is a contract to purchase. Mark **Owned by you or someone in this household free and clear (without a mortgage)** if there is no mortgage or other debt. If the house, apartment, or mobile home is owned but the land is rented, mark this question to show the status of the house, apartment, or mobile home.
- Mark **Rented for cash rent** if any money rent is paid, even if the rent is paid by persons who are not members of your household, or by a federal, state, or local government agency.
- Mark **Occupied without payment of cash rent** if the unit is not owned or being bought by the occupants and if money rent is not paid or contracted. The unit may be owned by friends or relatives who live elsewhere and who allow occupancy without charge. A house or apartment may be provided as part of wages or salary. Examples are: caretaker's or janitor's house or apartment; parsonages; tenant farmer or sharecropper houses for which the occupants do not pay cash rent; or military housing.
- H5a.** Answer H5a and H5b if you live in a one-family house or a mobile home; include only land that you own or rent.
- b.** A business is easily recognized from the outside; for example, a grocery store or barber shop. A medical office is a doctor's or dentist's office regularly visited by patients.
- H6.** If this is a house, include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the land. If this is a condominium unit, estimate the value for your house or apartment including your share of the common elements. If this is a mobile home, include the value of the mobile home and the value of the land. If you rent the land, estimate the value of the rented land and add it to the value of the mobile home.
- H7a.** Report the rent agreed to or contracted for, even if the rent for your house, apartment, or mobile home is unpaid or paid by someone else.
- |                          |                   |                          |                 |
|--------------------------|-------------------|--------------------------|-----------------|
| If rent is paid:         | Multiply rent by: | If rent is paid:         | Divide rent by: |
| By the day . . . . .     | 30                | 4 times a year . . . . . | 3               |
| By the week . . . . .    | 4                 | 2 times a year . . . . . | 6               |
| Every other week . . . . | 2                 | Once a year . . . . .    | 12              |
- b.** Answer **Yes** if meals are included in the monthly rent payment, or you must contract for meals or a meal plan in order to live in this building.

## Instructions for Questions H8 through H19b

- H8.** The person listed in column 1 refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house, apartment, or mobile home is owned, being bought, or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into this house, apartment, or mobile home.
- H9.** Include all rooms intended to be used as bedrooms in this house, apartment, or mobile home, even if they are currently being used for other purposes.
- H10.** Mark **Yes**, have all three facilities if you have all the facilities mentioned; all facilities must be in your house, apartment, or mobile home, but not necessarily in the same room. Consider that you have hot water even if you have it only part of the time. Mark **No** if any of the three facilities is not present.
- H11.** The kitchen sink, stove, and refrigerator must be located in the building but do not have to be in the same room. Portable cooking equipment is not considered as a range or cookstove.
- H12.** Answer **Yes** only if the telephone is located in your house, apartment, or mobile home.
- H13.** Count company cars (including police cars and taxicabs) and company trucks of one-ton capacity or less that are regularly kept at home and used by household members for nonbusiness purposes. Do not count cars or trucks permanently out of working order.
- H14.** Fill the circle for the fuel used most to heat your house, apartment, or mobile home. In buildings containing more than one apartment you may obtain this information from the owner, manager, or janitor.
- Solar energy** is provided by a system that collects, stores, and distributes heat from the sun. **Other fuel** includes any fuel not separately listed; for example, purchased steam, fuel briquettes, waste material, etc.
- H15.** If a well provides water for five or more houses, apartments, or mobile homes, mark **A public system**. If a well provides water for four or fewer houses, apartments, or mobile homes, fill one of the circles for **Individual well**.
- Drilled wells**, or small diameter wells, are usually less than 1½ feet in diameter. **Dug wells** are generally hand dug and are larger than 1½ feet wide.
- H16.** A **public sewer** may be operated by a government body or private organization. A **septic tank** or **cesspool** is an underground tank or pit used for disposal of sewage.
- H17.** Fill the circle corresponding to the period in which the original construction was completed, not the time of any later remodeling, additions, or conversions. In buildings containing more than one apartment, the owner, manager, or janitor may be of help in determining when the building was built.
- If you live in a houseboat or a trailer or mobile home, fill the circle corresponding to the model year in which it was manufactured.
- If you do not know the period when the building was first constructed, fill the circle for **Don't know**.
- H18.** A **condominium** is a type of ownership in which the apartments, houses, or mobile homes in a building or development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. Cooperative occupants should mark **No**.
- H19a.** Answer H19a and H19b if you live in a one-family house or mobile home.
- b.** This property is the acreage on which the house is located; it includes adjoining land you rent for your use. Report sales made in 1989 from this property by you or previous occupants.

## Instructions for Questions H20 through H26

**H20.** If your house or apartment is rented, enter the costs for utilities and fuels **only if you pay for them in addition to the rent entered in H7a.**

If you live in a condominium, enter the costs for utilities and fuels **only if you pay for them in addition to your condominium fee.**

If your fuel and utility costs are already included in your rent or condominium fee, fill the **Included in rent or in condominium fee** circle. Do not enter any dollar amounts.

The amounts to be reported should be the total amount for the past 12 months. Estimate as closely as possible when exact costs are not known. If you have lived in this house or apartment less than 1 year, estimate the yearly cost.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own house or apartment. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket [ ] the two utilities.

**H21.** Report taxes for all taxing jurisdictions (city or town, county, state, school district, etc.) even if they are included in your mortgage payment, not yet paid or paid by someone else, or are delinquent. Do not include taxes past due from previous years.

**H22.** When premiums are paid on other than a yearly basis, convert to a yearly basis. Enter the yearly amount even if no payment was made during the past 12 months.

**H23a.** The word *mortgage* is used as a general term to indicate all types of loans that are secured by real estate.

**b.** Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see the instructions for H7a to change it to a monthly amount.

Include payments on first mortgages and contracts to purchase only. Payments for second or junior mortgages and home equity loans should be reported in H24b.

**H24a.** A second or junior mortgage or home equity loan is secured by real estate.

**b.** Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H7a and change it to a monthly amount. Include payments on all second or junior mortgages or home equity loans.

**H25.** A *condominium fee* is normally assessed by the condominium owners' association for the purpose of improving and maintaining the common areas. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see the instructions for H7a on how to change it to a monthly amount.

**H26.** Report amount even if your bills are unpaid or paid by someone else. Include payments for personal property taxes, land or site rent, registration fees and license fees. Do not include real estate taxes already reported in H21. The amount to be reported should be the total amount for an entire 12-month billing period even if made in two or more installments. Estimate as closely as possible when exact costs are not known.

## Instructions for Question 8

**8.** For persons born in the United States:

Print the name of the State in which this person was born. If the person was born in Washington, D.C., print District of Columbia. If the person was born in a U.S. territory or commonwealth, print Puerto Rico, U.S. Virgin Islands, Guam, American Samoa, or Northern Marianas.

For persons born outside the United States:

Print the name of the foreign country or area where the person was born. Use current boundaries, not boundaries at the time of the person's birth. Specify whether Northern Ireland or the Republic of Ireland (Eire); East or West Germany; North or South Korea; England, Scotland, or Wales (not Great Britain or United Kingdom). Specify the particular country or island in the Caribbean (not, for example, West Indies).

## Instructions for Questions 9 through 13

**9.** A person should fill the **Yes, U.S. citizen by naturalization** circle only if he/she has completed the naturalization process and is now a United States citizen. If the person was born in Puerto Rico, Guam, the U.S. Virgin Islands, or Northern Marianas, he/she should fill the **Yes, born in Puerto Rico, Guam, the U.S. Virgin Islands, or Northern Marianas** circle. If the person was born outside the United States (or at sea) and has at least one American parent, he/she should fill the **Yes, born abroad of American parent or parents** circle.

**10.** If the person has entered the United States (that is, the 50 states and the District of Columbia) more than once, fill the circle for the latest year he/she came to stay.

**11.** Do not include enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college.

A *public school* is any school or college that is controlled and supported primarily by a local, county, State, or Federal Government. Schools are private if supported and controlled primarily by religious organizations or other private groups.

**12.** Mark the category for the highest grade or level of schooling the person has **successfully completed** or the **highest degree** the person received. If the person is enrolled in school, mark the category containing the highest grade completed (the grade previous to the grade in which enrolled). Schooling completed in foreign or ungraded schools should be reported as the equivalent level of schooling in the regular American school system.

Persons who completed high school by passing an equivalency test, such as the General Educational Development (GED) examination, and did not attend college, should fill the circle for high school graduate.

Do not include vocational certificates or diplomas from vocational, trade, or business schools or colleges unless they were college level associate degrees or higher.

Some examples of *professional school degrees* include medicine, dentistry, chiropractic, optometry, osteopathic medicine, pharmacy, podiatry, veterinary medicine, law, and theology. Do not include barber school, cosmetology, or other training for a specific trade.

Do not include honorary degrees awarded by colleges and universities to individuals for their accomplishments. Include only "earned" degrees.

**13.** Print the ancestry group. Ancestry refers to the person's ethnic origin or descent, "roots," or heritage. Ancestry also may refer to the country of birth of the person or the person's parents or ancestors before their arrival in the United States. All persons, regardless of citizenship status, should answer this question.

Persons who have more than one origin and cannot identify with a single ancestry group may report two ancestry groups (for example, German-Irish).

Be specific. For example, print whether West Indian, Asian Indian, or American Indian. West Indian includes persons whose ancestors came from Jamaica, Trinidad, Haiti, etc. Distinguish Cape Verdean from Portuguese; French Canadian from Canadian; and Dominican Republic from Dominica Island.

A religious group should not be reported as a person's ancestry.

## Instructions for Questions 14a through 19

- 14a.** Mark **Yes** if this person lived in this same house or apartment on April 1, 1985, even if he/she moved away and came back since then. Mark **No** if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different lot or trailer site).
- b.** If this person lived in a different house or apartment on April 1, 1985, give the location of this person's usual home at that time.

### Part (1)

If the person lived in the United States on April 1, 1985, print the name of the State (or District of Columbia) where he or she lived. Continue with parts (2) through (4).

If the person lived in a U.S. territory or commonwealth, print the name of the territory or commonwealth, such as Puerto Rico, U.S. Virgin Islands, Guam, American Samoa, or Northern Marianas. Then go to question 15a.

If the person lived outside the United States, print the name of the foreign country or area where he or she lived. Specify whether Northern Ireland or the Republic of Ireland (Eire); East or West Germany; North or South Korea; England, Scotland or Wales (not Great Britain or United Kingdom). Specify the particular country or island in the Caribbean (not, for example, West Indies). Then go to question 15a.

### Part (2)

If the person lived in Louisiana, print the parish name. If the person lived in Alaska, print the borough name. If the person lived in New York city and the county name is not known, print the borough name. If the person lived in an independent city (not in any county) or in Washington, D.C., leave blank and enter the city name in part (3).

### Part (3)

If the person lived in New England, print the name of the town rather than the village name, unless the name of the town is not known. If the person lived outside the limits or boundaries of any city or town, print the name of the post office or the nearest town and mark **No**, **lived outside the city/town limits** in part (4).

### Part (4)

Mark **Yes** if the location is now inside the city/town limits even if it was not inside the limits on April 1, 1985; that is, if the area was annexed by the city/town since that time.

- 15.** Mark **Yes** if the person sometimes or always speaks a language other than English at home.

Do not mark **Yes** for a language spoken only at school or if speaking is limited to a few expressions or slang.

Print the name of the language spoken at home. If this person speaks more than one non-English language and cannot determine which is spoken more often, report the first language the person learned to speak.

- 17a.** For a person with service in the National Guard or a military reserve unit, fill one of the two **Yes**, **active duty** circles if and only if the person has ever been called up for active duty other than training; otherwise, mark **Yes**, **service in Reserves or National Guard only**. For a person whose only service was as a civilian employee or volunteer for the Red Cross, USO, Public Health Service, or War or Defense Department, mark **No**. Count **World War II Merchant Marine Seaman service** as active duty; do not count other Merchant Marine service as active duty.
- 18.** Mark **Yes** to part (a) if a health condition substantially limits this person in his or her choice of occupation or if the condition limits the amount of work that can be accomplished in a given period of time. Mark **Yes** to part (b) if the health condition prevents this person from holding any significant employment.
- 19.** Consider a person to have difficulty with these activities if any of the following situations apply: (1) it takes extra time or extra effort for the person to perform one or more of the activities, (2) there are times when the person cannot perform one or more of the activities, or (3) the person is completely unable to perform one or more of the activities.

## Instructions for Questions 20 through 23b

- 20.** Count all children born alive, including any who have died (even shortly after birth) or who no longer live with you. Do not include miscarriages or stillborn children or any adopted, foster, or stepchildren.

### 21a. Count as work — Mark Yes:

- Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).
- Work in own business, professional practice, or farm.
- Any work in a family business or farm, paid or not.
- Any part-time work including babysitting, paper routes, etc.
- Active duty in Armed Forces.

### Do not count as work — Mark No:

- Housework or yard work at home.
- Unpaid volunteer work.
- School work.
- Work done as a resident of an institution.

- 22a.** Include the street type (for example, St., Road, Ave.) and the street direction (if a direction such as "North" is part of the address). For example, print 1239 N. Main St. or 1239 Main St., N.W. not just 1239 Main.

If the only known address is a post office box, give a description of the work location. For example, print the name of the building or shopping center where the person works, the nearest intersection, the nearest street where the workplace is located, etc. **DO NOT GIVE A POST OFFICE BOX NUMBER.**

If the person worked at a military installation or military base that has no street address, report the name of the military installation or base.

If the person worked at several locations, but reported to the same location each day to begin work, print the address of the location where he or she reported. If the person did not report to the same location each day to begin work, print the address of the location where he or she worked most last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), print the exact address of the location or branch where the person worked. If the exact address of a school is not known, print the name of the school.

If the person worked on a college or university campus and the exact address of the workplace is not known, print the name of the building where he or she worked.

- d.** If the person worked in New York city and the county is not known, print the name of the borough where the person worked.

If the person worked in Louisiana, print the name of the parish where the person worked.

If the person worked in Alaska, print the name of the borough where the person worked.

- e.** If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 22e and leave the other parts of question 22 blank.

- 23a.** If the person usually used more than one type of transportation to get to work (for example, rode the bus and transferred to the subway), fill the circle of the one method of transportation that he/she used for most of the distance during the trip.

- b.** If the person was driven to work by someone who then drove back home or to a nonwork destination, fill the circle for **Drove alone**.

**DO NOT** include persons who rode to school or some other nonwork destination in the count of persons who rode in the vehicle.

## Instructions for Questions 24a through 30

- 24a.** Give the time of day the person usually *left home to go to work*. DO NOT give the time that the person usually began his or her work.  
If the person usually left home to go to work sometime *between 12:00 o'clock midnight and 12:00 o'clock noon*, fill the **a.m.** circle.  
If the person usually left home to go to work sometime *between 12:00 o'clock noon and 12:00 o'clock midnight*, fill the **p.m.** circle.
- b.** Travel time is from door to door. Include time taken waiting for public transportation or picking up passengers in a carpool.
- 25.** If the person works only during certain seasons or on a day-by-day basis when work is available, mark **No**.
- 26a.** Mark **Yes** if the person tried to get a job or to start a business or professional practice at any time in the last 4 weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.
- b.** Mark **No**, **already has a job** if the person was on layoff or was expecting to report to a job within 30 days.  
Mark **No**, **temporarily ill** if the person expects to be able to work within 30 days.  
Mark **No**, **other reasons** if the person could not have taken a job because he or she was going to school, taking care of children, etc.
- 27.** Look at the instructions for question 21a to see what to count as work. Mark **Never worked** if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm, and (3) never served in the Armed Forces.
- 28a.** If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that had no company name, print the name of the individual worked for. If the person worked in his/her own business, print "self-employed."
- b.** Print two or more words to tell what the business, industry, or individual employer named in 28a did. If there is more than one activity, describe only the major activity at the place where the person worked. Enter what is made, what is sold, or what service is given.  
Some examples of what to enter:
- |   |                       |
|---|-----------------------|
| <b>Enter a description like the following –</b> | <b>Do not enter –</b> |
| Metal furniture manufacturing                   | Furniture company     |
| Retail grocery store                            | Grocery store         |
| Petroleum refining                              | Oil company           |
| Cattle ranch                                    | Ranch                 |
- 29.** Print two or more words to describe the kind of work the person did. If the person was a trainee, apprentice, or helper, include that in the description.  
Some examples of what to enter:
- |   |                       |
|---|-----------------------|
| <b>Enter a description like the following –</b> | <b>Do not enter –</b> |
| Production clerk                                | Clerk                 |
| Carpenter's helper                              | Helper                |
| Auto engine mechanic                            | Mechanic              |
| Registered nurse                                | Nurse                 |
- 30.** Mark **Employee of a PRIVATE NOT-FOR-PROFIT . . . organization** if the person worked for a cooperative, credit union, mutual insurance company, or similar organization.  
Employees of foreign governments, the United Nations, and other international organizations should mark **PRIVATE NOT-FOR-PROFIT . . . organization**.  
For persons who worked at a public school, college or university, mark the appropriate *government category*; for example, mark **State GOVERNMENT employee** for a state university, or mark **Local GOVERNMENT employee** for a county-run community college or a city-run public school.

## Instructions for Questions 31a through 32h

- 31a.** Look at the instructions for question 21a to see what to count as work.
- b.** Count every week in which the person did any work at all, even for an hour.
- 32.** Fill the **Yes** or **No** circle for each part and enter the amount received during 1989.  
If income from any source was received jointly by household members, report, if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and fill the **No** circle for the other person.
- a.** Include wages and salaries from *all jobs before deductions*. Be sure to include any tips, commissions, or bonuses. Owners of *incorporated businesses* should enter their salary here. Military personnel should include base pay plus cash housing and/or subsistence allowance, flight pay, uniform allotments, reenlistment bonuses, etc.
- b.** Include *NONFARM profit* (or loss) from self-employment in sole proprietorships and partnerships. Exclude profit (or loss) of incorporated businesses you own.
- c.** Include *FARM profit* (or loss) from self-employment in sole proprietorships and partnerships. Exclude profit (or loss) of incorporated farm businesses you own. Also exclude amounts from land rented for cash but include amounts from land rented for shares.
- d.** Include interest received or credited to checking and savings accounts, money market funds, certificates of deposit (CDs), IRAs, KEOGHs, and government bonds.  
Include dividends received, credited, or reinvested from ownership of stocks or mutual funds.  
Include profit (or loss) from royalties and the rental of land, buildings or real estate, or from roomers or boarders. Income received by self-employed persons whose *primary* source of income is from renting property or from royalties should be included in questions 32b or 32c above. Include regular payments from an estate or trust fund.
- e.** Include Social Security (and/or Railroad Retirement) payments to retired persons, to dependents of deceased insured workers, and to disabled workers *before Medicare deductions*.
- f.** Include Supplemental Security Income received by aged, blind, or disabled persons, Aid to Families with Dependent Children, or income from other government programs such as general or emergency assistance. Do not include assistance received from private charities. Exclude assistance to pay for heating (cooling) costs.
- g.** Include retirement, disability, or survivor benefits received from companies and unions; Federal, State, and local governments, and the U.S. military. Include regular income from annuities and IRA or KEOGH retirement plans.
- h.** Include Veterans' (VA) disability compensation and educational assistance payments (VEAP), unemployment compensation, child support or alimony, and all other regular payments such as Armed Forces transfer payments; assistance from private charities; regular contributions from persons not living in the household, etc.  
*Do not include the following as income in any item:*
- Refunds or rebates of any kind
  - Withdrawals from savings of any kind
  - Capital gains or losses from the sale of homes, shares of stock, etc.
  - Inheritances or insurance settlements
  - Any type of loan
  - Pay in-kind such as food, free rent, etc.

## **What the Census Is About – Some Questions and Answers**

### **Why are we taking a census?**

The most important reason for taking a decennial census is to determine how many representatives each state will have in Congress.

### **What does the Census Bureau do with the information you provide?**

The individual information collected in the census is grouped together into statistical totals. Information such as the number of persons in a given area, their ages, educational background, the characteristics of their housing, etc., enable government, business, and industry to plan more effectively.

### **How long have we been taking the census?**

The first census was taken in 1790 in accordance with the requirement in the first article of the constitution. A census has been taken every 10 years since. The 1990 Decennial Census marks the 200th anniversary of the census.

### **How are you being counted?**

Census forms are delivered to all households a few days before census day. Households are requested to fill out the form and mail it back to the census office.

## **Why the Census Asks Certain Questions**

**Here are a few reasons for asking some of the questions.**

*It is as important to get information about people and their houses as it is to count them.*

### **Name?**

Names help make sure that everyone in a household is counted, but that no one is counted twice.

### **Value or rent?**

Government and planning agencies use answers to these questions in combination with other information to develop housing programs to meet the needs of people at different economic levels.

### **Complete plumbing?**

This question gives information on the quality of housing. The data are used with other statistics to show how the "level of living" compares in various areas and how it has changed over time.

### **Place of birth?**

This question provides information used to study long-term trends as to where people move and to study migration patterns and differences in growth patterns.

### **Job?**

Answers to the questions about the jobs people hold provide information on the extent and types of employment in different areas of the country. From this information, training programs can be developed and the need for new industries can be determined.

### **Income?**

Income, more than anything else, determines how families or persons live. Income information makes it possible to compare the economic levels of different areas.

CENSUS '90

# OFFICIAL 1990 U.S. CENSUS FORM



Thank you for taking time to complete and return this census questionnaire. It's important to you, your community, and the Nation.

**The law requires answers but guarantees privacy.**

By law (Title 13, U.S. Code), you're required to answer the census questions to the best of your knowledge. However, the same law guarantees that your census form remains confidential. For 72 years—or until the year 2062—only Census Bureau employees can see your form. No one else—no other government body, no police department, no court system or welfare agency—is permitted to see this confidential information under any circumstances.

**How to get started—and get help.**

Start by listing on the next page the names of all the people who live in your home. Please answer all questions with a black lead pencil. You'll find detailed instructions for answering the census in the enclosed guide. If you need additional help, call the toll-free telephone number to the left, near your address.

**Please answer and return your form promptly.**

Complete your form and return it by April 1, 1990 in the postage-paid envelope provided. Avoid the inconvenience of having a census taker visit your home.

Again, thank you for answering the 1990 Census.  
**Remember: Return the completed form by April 1, 1990.**

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**Para personas de habla hispana --**

(For Spanish-speaking persons)

Si usted desea un cuestionario del censo en español, llame sin cargo alguno al siguiente número: **1-800-CUENTAN**  
(o sea 1-800-283-6826)

U.S. Department of Commerce  
BUREAU OF THE CENSUS  
FORM D-2

OMB No. 0607-0628  
Approval Expires 07/31/91

The 1990 census must count every person at his or her "usual residence." This means the place where the person lives and sleeps most of the time.

**1a. List on the numbered lines below the name of each person living here on Sunday, April 1, including all persons staying here who have no other home. If EVERYONE at this address is staying here temporarily and usually lives somewhere else, follow the instructions given in question 1b below.**

**Include**

- Everyone who usually lives here such as family members, housemates and roommates, foster children, roomers, boarders, and live-in employees
- Persons who are temporarily away on a business trip, on vacation, or in a general hospital
- College students who stay here while attending college
- Persons in the Armed Forces who live here
- Newborn babies still in the hospital
- Children in boarding schools below the college level
- Persons who stay here most of the week while working even if they have a home somewhere else
- Persons with no other home who are staying here on April 1

**Do NOT include**

- Persons who usually live somewhere else
- Persons who are away in an institution such as a prison, mental hospital, or a nursing home
- College students who live somewhere else while attending college
- Persons in the Armed Forces who live somewhere else
- Persons who stay somewhere else most of the week while working

Print last name, first name, and middle initial for each person. Begin on line 1 with the household member (or one of the household members) in whose name this house or apartment is owned, being bought, or rented. If there is no such person, start on line 1 with any adult household member.

| LAST     | FIRST | INITIAL | LAST      | FIRST | INITIAL |
|----------|-------|---------|-----------|-------|---------|
| <u>1</u> |       |         | <u>7</u>  |       |         |
| <u>2</u> |       |         | <u>8</u>  |       |         |
| <u>3</u> |       |         | <u>9</u>  |       |         |
| <u>4</u> |       |         | <u>10</u> |       |         |
| <u>5</u> |       |         | <u>11</u> |       |         |
| <u>6</u> |       |         | <u>12</u> |       |         |

**1b. If EVERYONE is staying here only temporarily and usually lives somewhere else, list the name of each person on the numbered lines above, fill this circle  and print their usual address below. DO NOT PRINT THE ADDRESS LISTED ON THE FRONT COVER.**

|                           |  |                  |
|---------------------------|--|------------------|
| House number              | Street or road/Rural route and box number      | Apartment number |
| City                      | State  | ZIP Code         |
| County or foreign country | Names of nearest intersecting streets or roads |                  |

**NOW PLEASE OPEN THE FLAP TO PAGE 2 AND ANSWER ALL QUESTIONS FOR THE FIRST 7 PEOPLE LISTED. USE A BLACK LEAD PENCIL ONLY.**

|  | PERSON 1  | PERSON 2  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <p><b>Please fill one column → for each person listed in Question 1a on page 1.</b></p>  | Last name   | Last name   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | First name Middle Initial   | First name Middle Initial   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| <p><b>2. How is this person related to PERSON 1?</b></p> <p>Fill ONE circle for each person.</p> <p>If <b>Other relative</b> of person in column 1, fill circle and print exact relationship, such as mother-in-law, grandparent, son-in-law, niece, cousin, and so on.</p>  | <p>START in this column with the household member (or one of the members) in whose name the home is owned, being bought, or rented.</p> <p>If there is no such person, start in this column with any adult household member.</p> <p style="text-align: center;"><input checked="" type="checkbox"/></p>   | <p>If a <b>RELATIVE</b> of Person 1:</p> <p><input type="checkbox"/> Husband/wife      <input type="checkbox"/> Brother/sister<br/> <input type="checkbox"/> Natural-born or adopted son/daughter      <input type="checkbox"/> Father/mother or Grandchild<br/> <input type="checkbox"/> Stepson/stepdaughter      <input type="checkbox"/> Other relative →</p> <p>If <b>NOT RELATED</b> to Person 1:</p> <p><input type="checkbox"/> Roomer, boarder, or foster child      <input type="checkbox"/> Unmarried partner<br/> <input type="checkbox"/> Housemate, roommate <input checked="" type="checkbox"/>      <input type="checkbox"/> Other nonrelative</p>  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| <p><b>3. Sex</b></p> <p>Fill ONE circle for each person.</p>   | <input type="checkbox"/> Male <input type="checkbox"/> Female   | <input type="checkbox"/> Male <input type="checkbox"/> Female   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| <p><b>4. Race</b></p> <p>Fill ONE circle for the race that the person considers himself/herself to be.</p> <p>If <b>Indian (Amer.)</b>, print the name of the enrolled or principal tribe. →</p> <p>If <b>Other Asian or Pacific Islander (API)</b>, print one group, for example: Hmong, Fijian, Laotian, Thai, Tongan, Pakistani, Cambodian, and so on. →</p> <p>If <b>Other race</b>, print race. →</p> | <input type="checkbox"/> White<br><input type="checkbox"/> Black or Negro<br><input type="checkbox"/> Indian (Amer.) (Print the name of the enrolled or principal tribe.) →<br><input type="checkbox"/> Eskimo<br><input type="checkbox"/> Aleut <u>Asian or Pacific Islander (API)</u><br><input type="checkbox"/> Chinese <input type="checkbox"/> Japanese<br><input type="checkbox"/> Filipino <input checked="" type="checkbox"/> <input type="checkbox"/> Asian Indian<br><input type="checkbox"/> Hawaiian <input type="checkbox"/> Samoan<br><input type="checkbox"/> Korean <input type="checkbox"/> Guamanian<br><input type="checkbox"/> Vietnamese <input type="checkbox"/> Other API →<br><input type="checkbox"/> Other race (Print race) →   | <input type="checkbox"/> White<br><input type="checkbox"/> Black or Negro<br><input type="checkbox"/> Indian (Amer.) (Print the name of the enrolled or principal tribe.) →<br><input type="checkbox"/> Eskimo<br><input type="checkbox"/> Aleut <u>Asian or Pacific Islander (API)</u><br><input type="checkbox"/> Chinese <input type="checkbox"/> Japanese<br><input type="checkbox"/> Filipino <input checked="" type="checkbox"/> <input type="checkbox"/> Asian Indian<br><input type="checkbox"/> Hawaiian <input type="checkbox"/> Samoan<br><input type="checkbox"/> Korean <input type="checkbox"/> Guamanian<br><input type="checkbox"/> Vietnamese <input type="checkbox"/> Other API →<br><input type="checkbox"/> Other race (Print race) → |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| <p><b>5. Age and year of birth</b></p> <p>a. Print each person's age at last birthday. Fill in the matching circle below each box.</p> <p>b. Print each person's year of birth and fill the matching circle below each box.</p>  | <p>a. Age</p> <table border="1"> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td><td>9</td></tr> </table> <p>b. Year of birth</p> <table border="1"> <tr><td>1</td><td>8</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>9</td><td>1</td><td>0</td><td>1</td><td>0</td><td>0</td></tr> <tr><td>2</td><td>0</td><td>2</td><td>0</td><td>2</td><td>0</td></tr> <tr><td>3</td><td>0</td><td>3</td><td>0</td><td>3</td><td>0</td></tr> <tr><td>4</td><td>0</td><td>4</td><td>0</td><td>4</td><td>0</td></tr> <tr><td>5</td><td>0</td><td>5</td><td>0</td><td>5</td><td>0</td></tr> <tr><td>6</td><td>0</td><td>6</td><td>0</td><td>6</td><td>0</td></tr> <tr><td>7</td><td>0</td><td>7</td><td>0</td><td>7</td><td>0</td></tr> <tr><td>8</td><td>0</td><td>8</td><td>0</td><td>8</td><td>0</td></tr> <tr><td>9</td><td>0</td><td>9</td><td>0</td><td>9</td><td>0</td></tr> </table> |   |   |   |   | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 1 | 8 | 0 | 0 | 0 | 0 | 9 | 1 | 0 | 1 | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 8 | 0 | 8 | 0 | 8 | 0 | 9 | 0 | 9 | 0 | 9 | 0 | <p>a. Age</p> <table border="1"> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td><td>9</td></tr> </table> <p>b. Year of birth</p> <table border="1"> <tr><td>1</td><td>8</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>9</td><td>1</td><td>0</td><td>1</td><td>0</td><td>0</td></tr> <tr><td>2</td><td>0</td><td>2</td><td>0</td><td>2</td><td>0</td></tr> <tr><td>3</td><td>0</td><td>3</td><td>0</td><td>3</td><td>0</td></tr> <tr><td>4</td><td>0</td><td>4</td><td>0</td><td>4</td><td>0</td></tr> <tr><td>5</td><td>0</td><td>5</td><td>0</td><td>5</td><td>0</td></tr> <tr><td>6</td><td>0</td><td>6</td><td>0</td><td>6</td><td>0</td></tr> <tr><td>7</td><td>0</td><td>7</td><td>0</td><td>7</td><td>0</td></tr> <tr><td>8</td><td>0</td><td>8</td><td>0</td><td>8</td><td>0</td></tr> <tr><td>9</td><td>0</td><td>9</td><td>0</td><td>9</td><td>0</td></tr> </table> |  |  |  |  | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 1 | 8 | 0 | 0 | 0 | 0 | 9 | 1 | 0 | 1 | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 5 | 0 | 5 | 0 | 5 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 8 | 0 | 8 | 0 | 8 | 0 | 9 | 0 | 9 | 0 | 9 | 0 |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 0  | 0   | 0   | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 1   | 1   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2  | 2   | 2   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 3  | 3   | 3   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4  | 4   | 4   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 5  | 5   | 5   | 5 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 6  | 6   | 6   | 6 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 7  | 7   | 7   | 7 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 8  | 8   | 8   | 8 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 9  | 9   | 9   | 9 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 8   | 0   | 0 | 0 | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 9  | 1   | 0   | 1 | 0 | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2  | 0   | 2   | 0 | 2 | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 3  | 0   | 3   | 0 | 3 | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4  | 0   | 4   | 0 | 4 | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 5  | 0   | 5   | 0 | 5 | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 6  | 0   | 6   | 0 | 6 | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 7  | 0   | 7   | 0 | 7 | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 8  | 0   | 8   | 0 | 8 | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 9  | 0   | 9   | 0 | 9 | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 0  | 0   | 0   | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 1   | 1   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2  | 2   | 2   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 3  | 3   | 3   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4  | 4   | 4   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 5  | 5   | 5   | 5 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 6  | 6   | 6   | 6 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 7  | 7   | 7   | 7 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 8  | 8   | 8   | 8 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 9  | 9   | 9   | 9 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1  | 8   | 0   | 0 | 0 | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 9  | 1   | 0   | 1 | 0 | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 2  | 0   | 2   | 0 | 2 | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 3  | 0   | 3   | 0 | 3 | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 4  | 0   | 4   | 0 | 4 | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 5  | 0   | 5   | 0 | 5 | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 6  | 0   | 6   | 0 | 6 | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 7  | 0   | 7   | 0 | 7 | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 8  | 0   | 8   | 0 | 8 | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 9  | 0   | 9   | 0 | 9 | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| <p><b>6. Marital status</b></p> <p>Fill ONE circle for each person.</p>  | <input type="checkbox"/> Now married <input type="checkbox"/> Separated<br><input type="checkbox"/> Widowed <input type="checkbox"/> Never married<br><input type="checkbox"/> Divorced   | <input type="checkbox"/> Now married <input type="checkbox"/> Separated<br><input type="checkbox"/> Widowed <input type="checkbox"/> Never married<br><input type="checkbox"/> Divorced   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| <p><b>7. Is this person of Spanish/Hispanic origin?</b></p> <p>Fill ONE circle for each person.</p> <p>If <b>Yes, other Spanish/Hispanic</b>, print one group. →</p>   | <input type="checkbox"/> No (not Spanish/Hispanic)<br><input type="checkbox"/> Yes, Mexican, Mexican-Am., Chicano<br><input type="checkbox"/> Yes, Puerto Rican <input checked="" type="checkbox"/><br><input type="checkbox"/> Yes, Cuban<br><input type="checkbox"/> Yes, other Spanish/Hispanic (Print one group, for example: Argentinean, Colombian, Dominican, Nicaraguan, Salvadoran, Spaniard, and so on.) →  | <input type="checkbox"/> No (not Spanish/Hispanic)<br><input type="checkbox"/> Yes, Mexican, Mexican-Am., Chicano<br><input type="checkbox"/> Yes, Puerto Rican<br><input type="checkbox"/> Yes, Cuban<br><input type="checkbox"/> Yes, other Spanish/Hispanic (Print one group, for example: Argentinean, Colombian, Dominican, Nicaraguan, Salvadoran, Spaniard, and so on.) →  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| <p><b>FOR CENSUS USE</b> →</p>   | <input type="checkbox"/><br><input type="checkbox"/>  | <input type="checkbox"/><br><input type="checkbox"/>  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |



**PERSON 7**

Last name \_\_\_\_\_

First name \_\_\_\_\_ Middle initial \_\_\_\_\_

**If a RELATIVE of Person 1:**

Husband/wife     Brother/sister  
 Natural-born     Father/mother  
     or adopted       Grandchild  
     son/daughter     Other relative  
 Stepson/stepdaughter

**If NOT RELATED to Person 1:**

Roomer, boarder, or foster child     Unmarried partner  
 Housemate, roommate     Other nonrelative

Male     Female

White  
 Black or Negro  
 Indian (Amer.) (Print the name of the enrolled or principal tribe.)  
 \_\_\_\_\_  
 Eskimo  
 Aleut  
 Asian or Pacific Islander (API)  
 Chinese     Japanese  
 Filipino     Asian Indian  
 Hawaiian     Samoan  
 Korean     Guamanian  
 Vietnamese     Other API  
 \_\_\_\_\_  
 Other race (Print race) \_\_\_\_\_

|  |  |
|--|--|
| a. Age   | b. Year of birth   |
| 0 0 0 0 0 0<br>1 0 1 0 1 0<br>2 0 2 0<br>3 0 3 0<br>4 0 4 0<br>5 0 5 0<br>6 0 6 0<br>7 0 7 0<br>8 0 8 0<br>9 0 9 0 | 1 ● 8 0 0 0 0<br>9 0 1 0 1 0<br>2 0 2 0<br>3 0 3 0<br>4 0 4 0<br>5 0 5 0<br>6 0 6 0<br>7 0 7 0<br>8 0 8 0<br>9 0 9 0 |

Now married     Separated  
 Widowed     Never married  
 Divorced

No (not Spanish/Hispanic)  
 Yes, Mexican, Mexican-Am., Chicano  
 Yes, Puerto Rican  
 Yes, Cuban  
 Yes, other Spanish/Hispanic (Print one group, for example: Argentinean, Colombian, Dominican, Nicaraguan, Salvadoran, Spaniard, and so on.)  
 \_\_\_\_\_

**NOW PLEASE ANSWER QUESTIONS H1a—H26 FOR THIS HOUSEHOLD**

**H1a.** Did you leave anyone out of your list of persons for Question 1a on page 1 because you were not sure if the person should be listed — for example, someone temporarily away on a business trip or vacation, a newborn baby still in the hospital, or a person who stays here once in a while and has no other home?

Yes, please print the name(s) and reason(s).  
 \_\_\_\_\_  
 No

*If this is a ONE-FAMILY HOUSE —*

**H5a.** Is this house on ten or more acres?

Yes     No

**b.** Is there a business (such as a store or barber shop) or a medical office on this property?

Yes     No

**b.** Did you include anyone in your list of persons for Question 1a on page 1 even though you were not sure that the person should be listed — for example, a visitor who is staying here temporarily or a person who usually lives somewhere else?

Yes, please print the name(s) and reason(s).  
 \_\_\_\_\_  
 No

*Answer only if you or someone in this household OWNS OR IS BUYING this house or apartment —*

**H6.** What is the value of this property; that is, how much do you think this house and lot or condominium unit would sell for if it were for sale?

|  |  |
|--|--|
| <input type="radio"/> Less than \$10,000   | <input type="radio"/> \$70,000 to \$74,999   |
| <input type="radio"/> \$10,000 to \$14,999 | <input type="radio"/> \$75,000 to \$79,999   |
| <input type="radio"/> \$15,000 to \$19,999 | <input type="radio"/> \$80,000 to \$89,999   |
| <input type="radio"/> \$20,000 to \$24,999 | <input type="radio"/> \$90,000 to \$99,999   |
| <input type="radio"/> \$25,000 to \$29,999 | <input type="radio"/> \$100,000 to \$124,999 |
| <input type="radio"/> \$30,000 to \$34,999 | <input type="radio"/> \$125,000 to \$149,999 |
| <input type="radio"/> \$35,000 to \$39,999 | <input type="radio"/> \$150,000 to \$174,999 |
| <input type="radio"/> \$40,000 to \$44,999 | <input type="radio"/> \$175,000 to \$199,999 |
| <input type="radio"/> \$45,000 to \$49,999 | <input type="radio"/> \$200,000 to \$249,999 |
| <input type="radio"/> \$50,000 to \$54,999 | <input type="radio"/> \$250,000 to \$299,999 |
| <input type="radio"/> \$55,000 to \$59,999 | <input type="radio"/> \$300,000 to \$399,999 |
| <input type="radio"/> \$60,000 to \$64,999 | <input type="radio"/> \$400,000 to \$499,999 |
| <input type="radio"/> \$65,000 to \$69,999 | <input type="radio"/> \$500,000 or more      |

**H2.** Which best describes this building? Include all apartments, flats, etc., even if vacant.

A mobile home or trailer  
 A one-family house detached from any other house  
 A one-family house attached to one or more houses  
 A building with 2 apartments  
 A building with 3 or 4 apartments  
 A building with 5 to 9 apartments  
 A building with 10 to 19 apartments  
 A building with 20 to 49 apartments  
 A building with 50 or more apartments  
 Other

*Answer only if you PAY RENT for this house or apartment —*

**H7a.** What is the monthly rent?

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <input type="radio"/> Less than \$80 | <input type="radio"/> \$375 to \$399  |
| <input type="radio"/> \$80 to \$99   | <input type="radio"/> \$400 to \$424  |
| <input type="radio"/> \$100 to \$124 | <input type="radio"/> \$425 to \$449  |
| <input type="radio"/> \$125 to \$149 | <input type="radio"/> \$450 to \$474  |
| <input type="radio"/> \$150 to \$174 | <input type="radio"/> \$475 to \$499  |
| <input type="radio"/> \$175 to \$199 | <input type="radio"/> \$500 to \$524  |
| <input type="radio"/> \$200 to \$224 | <input type="radio"/> \$525 to \$549  |
| <input type="radio"/> \$225 to \$249 | <input type="radio"/> \$550 to \$599  |
| <input type="radio"/> \$250 to \$274 | <input type="radio"/> \$600 to \$649  |
| <input type="radio"/> \$275 to \$299 | <input type="radio"/> \$650 to \$699  |
| <input type="radio"/> \$300 to \$324 | <input type="radio"/> \$700 to \$749  |
| <input type="radio"/> \$325 to \$349 | <input type="radio"/> \$750 to \$999  |
| <input type="radio"/> \$350 to \$374 | <input type="radio"/> \$1,000 or more |

**H3.** How many rooms do you have in this house or apartment? Do NOT count bathrooms, porches, balconies, foyers, halls, or half-rooms.

|                               |                               |                                       |
|-------------------------------|-------------------------------|---------------------------------------|
| <input type="radio"/> 1 room  | <input type="radio"/> 4 rooms | <input type="radio"/> 7 rooms         |
| <input type="radio"/> 2 rooms | <input type="radio"/> 5 rooms | <input type="radio"/> 8 rooms         |
| <input type="radio"/> 3 rooms | <input type="radio"/> 6 rooms | <input type="radio"/> 9 or more rooms |

**b.** Does the monthly rent include any meals?

Yes     No

**H4.** Is this house or apartment —

Owned by you or someone in this household with a mortgage or loan?  
 Owned by you or someone in this household free and clear (without a mortgage)?  
 Rented for cash rent?  
 Occupied without payment of cash rent?

**FOR CENSUS USE**

|   |   |  |   |
|---|---|--|---|
| <b>A.</b> Total persons                                     | <b>B.</b> Type of unit<br>Occupied    Vacant<br><input type="radio"/> First form <input type="radio"/> Regular<br><input type="radio"/> Cont'n <input type="radio"/> Usual home elsewhere   | <b>D.</b> Months vacant<br><input type="radio"/> Less than 1 <input type="radio"/> 6 up to 12<br><input type="radio"/> 1 up to 2 <input type="radio"/> 12 up to 24<br><input type="radio"/> 2 up to 6 <input type="radio"/> 24 or more   | <b>G.</b> DO <b>ID</b>  |
| 1 1<br>2 2<br>3 3<br>4 4<br>5 5<br>6 6<br>7 7<br>8 8<br>9 9 | <b>C1. Vacancy status</b><br><input type="radio"/> For rent <input type="radio"/> For seas/rec/occ<br><input type="radio"/> For sale only<br><input type="radio"/> Rented or sold, not occupied <input type="radio"/> For migrant workers<br><input type="radio"/> Other vacant | <b>E.</b> Complete after<br><input type="radio"/> LR <input type="radio"/> TC <input type="radio"/> QA    JIC1<br><input type="radio"/> P/F <input type="radio"/> RE <input type="radio"/> I/T <input type="radio"/><br><input type="radio"/> MV <input type="radio"/> ED <input type="radio"/> EN<br><input type="radio"/> P0 <input type="radio"/> P3 <input type="radio"/> P6<br><input type="radio"/> P1 <input type="radio"/> P4 <input type="radio"/> IA    JIC2<br><input type="radio"/> P2 <input type="radio"/> P5 <input type="radio"/> SM | 1 1 1 1 1 1 1 1 1 1<br>2 2 2 2 2 2 2 2 2 2<br>3 3 3 3 3 3 3 3 3 3<br>4 4 4 4 4 4 4 4 4 4<br>5 5 5 5 5 5 5 5 5 5<br>6 6 6 6 6 6 6 6 6 6<br>7 7 7 7 7 7 7 7 7 7<br>8 8 8 8 8 8 8 8 8 8<br>9 9 9 9 9 9 9 9 9 9 |
|   | <b>C2.</b> Is this unit boarded up?<br><input type="radio"/> Yes <input type="radio"/> No   | <b>F.</b> Cov.<br><input type="radio"/> 1b <input type="radio"/> 1a <input type="radio"/> 7 <input type="radio"/> H1   |   |

|   |   |   |
|---|---|---|
| <p><b>H8.</b> When did the person listed in column 1 on page 2 move into this house or apartment?</p> <p> <input type="radio"/> 1989 or 1990<br/> <input type="radio"/> 1985 to 1988<br/> <input type="radio"/> 1980 to 1984<br/> <input type="radio"/> 1970 to 1979<br/> <input type="radio"/> 1960 to 1969<br/> <input type="radio"/> 1959 or earlier                 </p>  | <p><b>H14.</b> Which FUEL is used MOST for heating this house or apartment?</p> <p> <input type="radio"/> Gas: from underground pipes serving the neighborhood<br/> <input type="radio"/> Gas: bottled, tank, or LP<br/> <input type="radio"/> Electricity<br/> <input type="radio"/> Fuel oil, kerosene, etc.<br/> <input type="radio"/> Coal or coke<br/> <input type="radio"/> Wood<br/> <input type="radio"/> Solar energy<br/> <input type="radio"/> Other fuel<br/> <input type="radio"/> No fuel used                 </p>             | <p><b>H20.</b> What are the yearly costs of utilities and fuels for this house or apartment? If you have lived here less than 1 year, estimate the yearly cost.</p> <p><b>a. Electricity</b></p> <p style="text-align: center;"> <span style="border: 1px dashed black; padding: 2px;">\$ .00</span><br/>                     Yearly cost — Dollars                 </p> <p style="text-align: center;">OR</p> <p> <input type="radio"/> Included in rent or in condominium fee<br/> <input type="radio"/> No charge or electricity not used                 </p> |
| <p><b>H9.</b> How many bedrooms do you have; that is, how many bedrooms would you list if this house or apartment were on the market for sale or rent?</p> <p> <input type="radio"/> No bedroom<br/> <input type="radio"/> 1 bedroom<br/> <input type="radio"/> 2 bedrooms<br/> <input type="radio"/> 3 bedrooms<br/> <input type="radio"/> 4 bedrooms<br/> <input type="radio"/> 5 or more bedrooms                 </p> | <p><b>H15.</b> Do you get water from —</p> <p> <input type="radio"/> A public system such as a city water department, or private company?<br/> <input type="radio"/> An individual drilled well?<br/> <input type="radio"/> An individual dug well?<br/> <input type="radio"/> Some other source such as a spring, creek, river, cistern, etc.?                 </p>  | <p><b>b. Gas</b></p> <p style="text-align: center;"> <span style="border: 1px dashed black; padding: 2px;">\$ .00</span><br/>                     Yearly cost — Dollars                 </p> <p style="text-align: center;">OR</p> <p> <input type="radio"/> Included in rent or in condominium fee<br/> <input type="radio"/> No charge or gas not used                 </p>   |
| <p><b>H10.</b> Do you have COMPLETE plumbing facilities in this house or apartment; that is, 1) hot and cold piped water, 2) a flush toilet, and 3) a bathtub or shower?</p> <p> <input type="radio"/> Yes, have all three facilities<br/> <input type="radio"/> No                 </p>  | <p><b>H16.</b> Is this building connected to a public sewer?</p> <p> <input type="radio"/> Yes, connected to public sewer<br/> <input type="radio"/> No, connected to septic tank or cesspool<br/> <input type="radio"/> No, use other means                 </p>   | <p><b>c. Water</b></p> <p style="text-align: center;"> <span style="border: 1px dashed black; padding: 2px;">\$ .00</span><br/>                     Yearly cost — Dollars                 </p> <p style="text-align: center;">OR</p> <p> <input type="radio"/> Included in rent or in condominium fee<br/> <input type="radio"/> No charge                 </p>   |
| <p><b>H11.</b> Do you have COMPLETE kitchen facilities; that is, 1) a sink with piped water, 2) a range or cookstove, and 3) a refrigerator?</p> <p> <input type="radio"/> Yes<br/> <input type="radio"/> No                 </p>   | <p><b>H17.</b> About when was this building first built?</p> <p> <input type="radio"/> 1989 or 1990<br/> <input type="radio"/> 1985 to 1988<br/> <input type="radio"/> 1980 to 1984<br/> <input type="radio"/> 1970 to 1979<br/> <input type="radio"/> 1960 to 1969<br/> <input type="radio"/> 1950 to 1959<br/> <input type="radio"/> 1940 to 1949<br/> <input type="radio"/> 1939 or earlier<br/> <input type="radio"/> Don't know                 </p>   | <p><b>d. Oil, coal, kerosene, wood, etc.</b></p> <p style="text-align: center;"> <span style="border: 1px dashed black; padding: 2px;">\$ .00</span><br/>                     Yearly cost — Dollars                 </p> <p style="text-align: center;">OR</p> <p> <input type="radio"/> Included in rent or in condominium fee<br/> <input type="radio"/> No charge or these fuels not used                 </p>   |
| <p><b>H12.</b> Do you have a telephone in this house or apartment?</p> <p> <input type="radio"/> Yes<br/> <input type="radio"/> No                 </p>   | <p><b>H18.</b> Is this house or apartment part of a condominium?</p> <p> <input type="radio"/> Yes<br/> <input type="radio"/> No                 </p> <p style="text-align: center;"><i>If you live in an apartment building, skip to H20.</i></p>  |   |
| <p><b>H13.</b> How many automobiles, vans, and trucks of one-ton capacity or less are kept at home for use by members of your household?</p> <p> <input type="radio"/> None<br/> <input type="radio"/> 1<br/> <input type="radio"/> 2<br/> <input type="radio"/> 3<br/> <input type="radio"/> 4<br/> <input type="radio"/> 5<br/> <input type="radio"/> 6<br/> <input type="radio"/> 7 or more                 </p>       | <p><b>H19a.</b> Is this house on less than 1 acre?</p> <p> <input type="radio"/> Yes — Skip to H20<br/> <input type="radio"/> No                 </p> <p><b>b.</b> In 1989, what were the actual sales of all agricultural products from this property?</p> <p> <input type="radio"/> None<br/> <input type="radio"/> \$1 to \$999<br/> <input type="radio"/> \$1,000 to \$2,499<br/> <input type="radio"/> \$2,500 to \$4,999<br/> <input type="radio"/> \$5,000 to \$9,999<br/> <input type="radio"/> \$10,000 or more                 </p> |   |

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**INSTRUCTION:**  
 Answer questions H21 TO H26, if this is a one-family house, a condominium, or a mobile home that someone in this household OWNS OR IS BUYING; otherwise, go to page 6.

**H21. What were the real estate taxes on THIS property last year?**

\$            .00  
 Yearly amount — Dollars

OR

None

**H22. What was the annual payment for fire, hazard, and flood insurance on THIS property?**

\$            .00  
 Yearly amount — Dollars

OR

None

**H23a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on THIS property?**

Yes, mortgage, deed of trust, or similar debt } Go to H23b  
 Yes, contract to purchase }  
 No — Skip to H24a

**b. How much is your regular monthly mortgage payment on THIS property? Include payment only on first mortgage or contract to purchase.**

\$            .00  
 Monthly amount — Dollars

OR

No regular payment required — Skip to H24a

**c. Does your regular monthly mortgage payment include payments for real estate taxes on THIS property?**

Yes, taxes included in payment  
 No, taxes paid separately or taxes not required

**d. Does your regular monthly mortgage payment include payments for fire, hazard, or flood insurance on THIS property?**

Yes, insurance included in payment  
 No, insurance paid separately or no insurance

**H24a. Do you have a second or junior mortgage or a home equity loan on THIS property?**

Yes  
 No — Skip to H25

**b. How much is your regular monthly payment on all second or junior mortgages and all home equity loans?**

\$            .00  
 Monthly amount — Dollars

OR

No regular payment required

*Answer ONLY if this is a CONDOMINIUM —*  
**H25. What is the monthly condominium fee?**

\$            .00  
 Monthly amount — Dollars

*Answer ONLY if this is a MOBILE HOME —*  
**H26. What was the total cost for personal property taxes, site rent, registration fees, and license fees on this mobile home and its site last year? Exclude real estate taxes.**

\$            .00  
 Yearly amount — Dollars

*Please turn to page 6. ➔*

9  
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0



**23a. How did this person usually get to work LAST WEEK?** If this person usually used more than one method of transportation during the trip, fill the circle of the one used for most of the distance.

Car, truck, or van       Motorcycle  
 Bus or trolley bus       Bicycle  
 Streetcar or trolley car       Walked  
 Subway or elevated       Worked at home  
 Railroad       Skip to 28  
 Ferryboat       Other method  
 Taxicab

*If "car, truck, or van" is marked in 23a, go to 23b. Otherwise, skip to 24a.*

**b. How many people, including this person, usually rode to work in the car, truck, or van LAST WEEK?**

Drove alone       5 people  
 2 people       6 people  
 3 people       7 to 9 people  
 4 people       10 or more people

**24a. What time did this person usually leave home to go to work LAST WEEK?**

a.m.  
 p.m.

**b. How many minutes did it usually take this person to get from home to work LAST WEEK?**

Minutes — Skip to 28

**25. Was this person TEMPORARILY absent or on layoff from a job or business LAST WEEK?**

Yes, on layoff  
 Yes, on vacation, temporary illness, labor dispute, etc.  
 No

**26a. Has this person been looking for work during the last 4 weeks?**

Yes  
 No — Skip to 27

**b. Could this person have taken a job LAST WEEK if one had been offered?**

No, already has a job  
 No, temporarily ill  
 No, other reasons (in school, etc.)  
 Yes, could have taken a job

**27. When did this person last work, even for a few days?**

1990       1980 to 1984  
 1989       1979 or earlier  
 1988       Never worked  
 1985 to 1987

*Go to 28*      *Skip to 32*

**28-30. CURRENT OR MOST RECENT JOB ACTIVITY.** Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours. If this person had no job or business last week, give information for his/her last job or business since 1985.

**28. Industry or Employer**

**a. For whom did this person work?** If now on active duty in the Armed Forces, fill this circle  and print the branch of the Armed Forces.

(Name of company, business, or other employer)

**b. What kind of business or industry was this?** Describe the activity at location where employed.

(For example: hospital, newspaper publishing, mail order house, auto engine manufacturing, retail bakery)

**c. Is this mainly — Fill ONE circle**

Manufacturing       Other (agriculture, construction, service, government, etc.)  
 Wholesale trade  
 Retail trade

**29. Occupation**

**a. What kind of work was this person doing?**

(For example: registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, cake icer)

**b. What were this person's most important activities or duties?**

(For example: patient care, directing hiring policies, supervising order clerks, assembling engines, icing cakes)

**30. Was this person — Fill ONE circle**

Employee of a PRIVATE FOR PROFIT company or business or of an individual, for wages, salary, or commissions  
 Employee of a PRIVATE NOT-FOR-PROFIT, tax-exempt, or charitable organization  
 Local GOVERNMENT employee (city, county, etc.)  
 State GOVERNMENT employee  
 Federal GOVERNMENT employee  
 SELF-EMPLOYED in own NOT INCORPORATED business, professional practice, or farm  
 SELF-EMPLOYED in own INCORPORATED business, professional practice, or farm  
 Working WITHOUT PAY in family business or farm

**31a. Last year (1989), did this person work, even for a few days, at a paid job or in a business or farm?**

Yes  
 No — Skip to 32

**b. How many weeks did this person work in 1989?** Count paid vacation, paid sick leave, and military service.

Weeks

**c. During the weeks WORKED in 1989, how many hours did this person usually work each week?**

Hours

**32. INCOME IN 1989 —** Fill the "Yes" circle below for each income source received during 1989. Otherwise, fill the "No" circle. If "Yes," enter the total amount received during 1989. For income received jointly, see instruction guide. If exact amount is not known, please give best estimate. If net income was a loss, write "Loss" above the dollar amount.

**a. Wages, salary, commissions, bonuses, or tips from all jobs — Report amount before deductions for taxes, bonds, dues, or other items.**

Yes  
 No

\$  .00  
Annual amount — Dollars

**b. Self-employment income from own nonfarm business, including proprietorship and partnership — Report NET income after business expenses.**

Yes  
 No

\$  .00  
Annual amount — Dollars

**c. Farm self-employment income — Report NET income after operating expenses. Include earnings as a tenant farmer or sharecropper.**

Yes  
 No

\$  .00  
Annual amount — Dollars

**d. Interest, dividends, net rental income or royalty income, or income from estates and trusts — Report even small amounts credited to an account.**

Yes  
 No

\$  .00  
Annual amount — Dollars

**e. Social Security or Railroad Retirement**

Yes  
 No

\$  .00  
Annual amount — Dollars

**f. Supplemental Security Income (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments.**

Yes  
 No

\$  .00  
Annual amount — Dollars

**g. Retirement, survivor, or disability pensions — Do NOT include Social Security.**

Yes  
 No

\$  .00  
Annual amount — Dollars

**h. Any other sources of income received regularly such as Veterans' (VA) payments, unemployment compensation, child support, or alimony — Do NOT include lump-sum payments such as money from an inheritance or the sale of a home.**

Yes  
 No

\$  .00  
Annual amount — Dollars

**33. What was this person's total income in 1989?** Add entries in questions 32a through 32h; subtract any losses. If total amount was a loss, write "Loss" above amount.

None OR

\$  .00  
Annual amount — Dollars

Please turn the page and answer questions for Person 2 listed on page 1. If this is the last person listed in question 1a on page 1, go to the back of the form.



APPENDIX F.  
Data Products and User Assistance

CONTENTS

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The 1990 census data products, being released during 1991-93, are available in a variety of new and traditional media. The Census Bureau has increased the product options available to data users in an effort to meet a variety of requirements and maximize the usefulness of the data. For example, laser discs, called CD-ROM (compact disc-read-only memory), are a new data delivery medium.

The Census Bureau also has expanded services and sources of assistance available to data users. For example, the State Data Center Program has been expanded to include over 1,400 organizations to provide data and services to the public.

This appendix provides a detailed introduction to the 1990 census data products and related materials, such as maps and reference publications. It concludes by describing sources of assistance and other Census Bureau data available to the public.

DATA PRODUCTS

Printed reports and computer tape files traditionally are the most widely used products. The Census Bureau also offers data on microfiche, on CD-ROM laser discs, and through its online service, CENDATA (trademark). These various products are described below. For information about prices and how to order, write or call. Customer Services, (See the "Sources of Assistance" section for the address and phone number.)

The data products present statistics about the subjects covered in the 1990 census questionnaires. These subjects are listed in figure 1, page F-8. As the figure shows, there are 100-percent subjects (those covered in questions asked of everyone or about every housing unit) and sample subjects (those covered in questions asked at about one out of every six housing units). Generally, a data product presents either 100-percent data prepared by tabulating the responses to the 100-percent questions from all questionnaires, or sample data prepared by tabulating only the responses to the 100-percent and sample questions from the "long-form" questionnaires. Two report series, 1990 CPH-3 and 1990 CPH-4 (see figure 2, page F-9), present both 100-percent and sample data.

PRINTED REPORTS

Printed reports are the most convenient and readily available source of data for most census users. The Census Bureau releases the reports in several series (see figure 2) that are grouped under three broad titles: 1990 CENSUS OF POPULATION AND HOUSING (1990 CPH), 1990 CENSUS OF POPULATION (1990 CP), AND 1990 CENSUS OF HOUSING (1990 CH). There also are reports, not reflected in figure 2, for the outlying areas of the Pacific. The reports are sold by the Superintendent of Documents, U.S. Government Printing Office. (See the "Sources of Assistance" section for the address and phone number.)

In several series, there are separate reports for each State. The geographic coverage of the State reports is listed in figure 2. The United States summaries for these report series contain, for the most part, data for the United States, regions, divisions, States, metropolitan areas (MA's), urbanized areas (UA's), counties, American Indian and Alaska Native areas, places with 10,000 or more persons, and other large substate areas (for example, county subdivisions, such as towns and townships, with 10,000 or more persons in selected States).

Report series that present data for small areas, such as census tracts, contain limited subject-matter detail (for example, counts of people by age ranges-under 5 years, 5 to 9 years, etc.-rather than by single years). Report series that include greater amounts of subject-matter detail include less geographic detail.

#### COMPUTER TAPE FILES

The Census Bureau provides more data on tape and other machine-readable products than in printed reports. These products are sold by the Census Bureau's Customer Services. There are several general types of data files released on computer tape (available on both reels and cartridges). They are introduced below, and more information is presented in figures 3 and 4, pages F-12 through F-14.

**PUBLIC LAW 94-171 DATA**-This data file presents counts designed and formatted for use in legislative redistricting. These counts also are available on CD-ROM and paper listings. Excerpts are available on CENDATA (trademark). The counts, for areas as small as blocks, census tracts, and voting districts, include totals for population, race groups, persons of Hispanic origin, population 18 years and over, and housing units. (See figure 4.)

**SUMMARY TAPE FILES (STF's)**-These computer tape files provide statistics with greater subject-matter detail than printed reports. They also present statistics for some types of areas, such as block groups and blocks, that are not included in the reports, (See figure 3.)

Here are some important features of STF'S:

- Each STF presents a particular set of data tables for specific types of geographic areas.



- Each STF has three or more file types (indicated by a letter suffix attached to the STF number) that differ in the geographic levels reported, but contain the same data detail.
- STF's 1 and 2 contain 100-percent data, and STF's 3 and 4 offer sample data.
- STF's 1 and 3 report on smaller areas and offer less data detail than STF's 2 and 4.
- STF's 1 through 4 offer greater data detail than the 1980 STF's 1 through 4.

SUBJECT SUMMARY TAPE FILES (SSTF's)-These files are the source of the subject reports and provide greater subject-matter detail than the STF'S. They present data for the United States, regions, and divisions, and, in some cases, also for States, counties, and large cities. (See figure 4.)

PUBLIC USE MICRODATA SAMPLE (PUMS) FILES-These computer tape files (see figure 4) contain data from samples of long-form housing-unit records ("micro-data") for large geographic areas. Each sample housing-unit record includes essentially all the 1990 census data collected about each person in a sample household and the characteristics of the housing unit. Information that could be used to identify an individual or a housing unit is not included in the file.

Microdata files enable users to prepare customized tabulations and cross-tabulations of most items on the census questionnaire. There are two standard PUMS files:

- A file presenting a 5-percent sample of housing units in which each household record includes codes to let the user know in what area, such as a group of counties, a single county, or a place, the household is located. Each area identified must have a population of at least 100,000 and boundaries that do not cross State lines.
- A file presenting a 1-percent sample of housing units. Its household records include codes associating them with MA's and other large areas, the boundaries of which may cross State lines. (For the 1980 census, there were two files with 1-percent samples. The 1-percent sample showing data for selected urbanized areas and other large areas will not be produced for the 1990 census.)

There also is a special 3-percent "elderly" file with the same geography as the 5-percent sample. Included are households with at least one person age 60 or more and all members of those households.

OTHER SPECIAL COMPUTER TAPE FILES-Other files include the Census/Equal Employment Opportunity (EEO) File and the County-to-County Migration File. (See figure 4.) The Census Bureau

may prepare additional special files.

#### MICROFICHE

All printed reports are offered on microfiche from Customer Services soon after they are published. Plans to prepare microfiche versions of selected other products were canceled, so that more products could be produced on CD-ROM.

#### COMPACT DISC-READ-ONLY MEMORY (CD-ROM)

For the 1990 census, the Public Law (P.L.) 94-171 file; an extract of STF 1B that presents selected statistics for blocks; and STF's 1A, 1C, 3A, 3B, and 3C are available on CD-ROM. The Census Bureau also offers on CD-ROM: PUMS Files, SSTF'S, Census EEO File, and County-to-County Migration File. (One 4 3/4-inch CD-ROM, a type of optical or laser disc, can hold the contents of approximately 1,600 flexible diskettes, or three or four high-density computer tapes.)

#### ONLINE INFORMATION SYSTEMS

The Census Bureau began CENDATA, its online information service, in 1984. CENDATA is accessible through two information vendors, CompuServe and DIALOG. A number of Census Bureau reports, in whole or in part, are offered online. For the 1990 census, CENDATA provides up-to-date information about the availability of data products and carries selections of State, county, MA, and place data from the P.L. 94-171 tape file and STF's 1 and 3. CENDATA also offers the entire Census EEO File.

#### CUSTOM DATA PRODUCTS

These products are for users who require unique tabulations that are not included in standard products; for example, information for locally defined geographic areas. Users also can order special microdata files.

The cost of preparing custom products must be paid by the users who request them. Any data that the Census Bureau provides in these products are subject to the same standards applied to other data to ensure that confidential individual information is not revealed.

USER-DEFINED AREAS PROGRAM (UDAP) TABULATIONS-UDAP can provide a set of predefined data tables for locally defined areas that do not correspond to 1990 census geographic areas. Users identify the geographic areas of interest to them by delineating boundaries around groupings of census blocks on 1990 census County Block Maps or by electronically submitting the geographic components of their area of interest. (A contact for more information is given in the "Sources of Assistance" section.)

SPECIAL TABULATIONS-The Census Bureau can prepare special data tabulations for any specific geographic or subject-matter area. Users should rely on standard reports, tapes, microfiche, or user-defined area tabulations whenever possible, since special tabulations tend to be substantially more expensive and take time to arrange and produce. (Contacts for more information are given in the "Sources of Assistance" section.)

## GEOGRAPHIC PRODUCTS

### MAPS

Census Bureau maps are necessary for virtually all uses of small-area 1990 census data. They are needed to locate the specific geographic areas for which the census provides data and to study the spatial relationship of the data for analytic purposes. The Census Bureau prepares a variety of 1990 census maps. Among the most useful are these four series:

COUNTY BLOCK MAPS-These maps show census blocks and their numbers, boundaries for statistical and governmental entities, such as census tracts and places; and physical features. The P.L. 94-171 version of these maps also shows voting district boundaries in those States that furnished them. The maps are prepared on electrostatic plotters by county (or equivalent entity) with one or more map sheets each, depending on the size and shape of the area and the density of the block pattern. An average county requires 20 map sheets. The maps may be purchased from Customer Services.

COUNTY SUBDIVISION OUTLINE MAPS-Maps in this State-based series present the boundaries of the counties, county subdivisions, places, American Indian and Alaska Native areas (including off-reservation trust lands), tribal designated statistical areas, and tribal jurisdiction statistical areas. Electrostatic-plotter copies are available for purchase from Customer Services. Also, they appear on multiple page-size sheets in the State reports of these series: 1990 CPH-1, 1990 CPH-2, 1990 CPH-5, 1990 CP-1, 1990 CP-2, 1990 CH-1, and 1990 CH-2.

CENSUS TRACT/BLOCK NUMBERING AREA (BNA) OUTLINE MAPS-Maps in this county-based series depict census tract or BNA boundaries and numbers, and the features underlying the boundaries. They also show governmental units in relation to the census tracts/BNA'S. The Superintendent of Documents sells printed copies.

VOTING DISTRICT OUTLINE MAPS-Maps in this county-based series depict voting district boundaries (for those counties for which States furnished boundary information) and the features underlying the boundaries. They also show governments) unit boundaries in relation to the voting districts. They are prepared on electrostatic plotters and sold by Customer Services.

## GEOGRAPHIC PUBLICATIONS

The GEOGRAPHIC IDENTIFICATION CODE SCHEME report in the 1990 CPH-R series shows the 1990 census geographic area codes and Federal information processing standards (FIPS) codes, as appropriate, for States, metropolitan areas, counties, county subdivisions, places, American Indian and Alaska Native areas, and other entities, along with some descriptive information about the codes. The code scheme also is offered on computer tape.

## MACHINE-READABLE GEOGRAPHIC FILES

All 1990 census summary tape files include 1990 census geographic area codes, FIPS codes, certain area names, land and inland water area in square kilometers, geographic coordinates for an internal point for each entity, and other geographic information.

The Census Bureau developed an automated geographic data base, known as the TIGER (Topologically Integrated Geographic Encoding and Referencing) System, to produce the geographic products for the 1990 census. TIGER provides coordinate-based digital map information for the entire United States, Puerto Rico, the U.S. Virgin Islands, and the Pacific territories over which the United States has jurisdiction.

The TIGER System has significantly improved the utility of 1990 census maps and geographic reference products. Extract files generated from the TIGER System permit users, with appropriate software, to perform such tasks as linking the statistical data in the P.L. 94-171 file or the STF's and displaying selected characteristics on maps or a video display screen at different scales and with whatever boundaries they select for any geographic area of the country. For example, a map for a particular county could show the distribution of the voting age population by city block.

The first extract of selected geographic and cartographic information intended for computer applications, such as plotting maps and building geographic information systems, is called the TIGER/Line (trademark) files. TIGER/Line (trademark) files contain attributes for the segments of each boundary and feature (for example, roads, railroads, and rivers), including 1990 census geographic codes for adjacent areas, latitude/longitude coordinates of segment end points and the curvature of segments, the name and type of the feature, and the relevant census feature class code identifying the feature segment by category. TIGER/Line (trademark) files also furnish address and associated ZIP Codes for each side of street segments in major urban areas; provide the names of landmarks, such as lakes and golf courses; and include other information.

TIGER/Line (trademark) files and other TIGER System extracts, such as TIGER/Boundary (trademark) and TIGER/DataBase (trademark), are released on computer tape and in some cases, CD-ROM. For information on TIGER extract files, contact Customer Services.

## REFERENCE MATERIALS

The Census Bureau issues several reference publications for data users. Some are sold by the Superintendent of Documents; others are distributed free by Customer Services. Addresses and phone numbers for the Superintendent of Documents and Customer Services are given in the following section.

- 1990 CENSUS OF POPULATION AND HOUSING GUIDE. This guide, in the 1990 CPH-R report series, provides detailed information about all aspects of the census and a comprehensive glossary of census terms. Sold by the Superintendent of Documents, U.S. Government Printing Office.
- 1990 CENSUS OF POPULATION AND HOUSING TABULATION AND PUBLICATION PROGRAM. A free report describing 1990 census products, comparing 1990 products with those of 1980, and more. Request from Customer Services.
- CENSUS '90 BASICS. A free booklet covering how the 1990 census data were collected and processed, the full range of data products, the maps and geographic files, and more, but with less detail than the Guide (above). Request from Customer Services.
- CENSUS ABC'S-APPLICATIONS IN BUSINESS AND COMMUNITY. A free booklet that highlights key information about the 1990 census and illustrates a variety of ways the data can be used Request from Customer Services.
- STRENGTH IN NUMBERS. A free, tabloid-size booklet designed to assist people in using 1990 census data in redistricting. Among other features, it includes illustrations of maps and Public Law 94-171 counts. Request from Customer Services.
- TIGER: THE COAST-TO-COAST DIGITAL MAP DATA BASE. A free booklet describing the structure and uses of the Census Bureau's TIGER System. Request from Customer Services.
- CENSUS AND YOU. The Census Bureau's monthly newsletter for data users. It reports on the latest 1990 census developments, selected new publications and computer tape files, other censuses and surveys, developments in services to users, and upcoming conferences and training courses. Subscriptions are sold by the Superintendent of Documents, U.S. Government Printing Office.
- MONTHLY PRODUCT Announcement. A free monthly listing of all new Census Bureau publications; microfiche; maps; data files on tape, diskettes, or CD-ROM; and technical documentation. To subscribe, contact Customer Services.
- CENSUS CATALOG AND GUIDE. A comprehensive annual description of

data products, statistical programs, and services of the Census Bureau. It provides abstracts of the publications, data files, microfiche, maps, and items online. In addition, the Catalog/Guide offers such features as information about censuses and surveys and telephone contact lists of data specialists at the Census Bureau, the State Data Centers, and other data processing service centers. It is sold by the Superintendent of Documents, U.S. Government Printing Office.

Users also can get listings of new Census Bureau products, updated daily, by subscribing to the Daily List. This information and selected statistics are available online through CENDATA (trademark), the Census Bureau's online information service. For more information, contact Customer Services.

#### SOURCES OF ASSISTANCE

##### U.S. BUREAU OF THE CENSUS

The Census Bureau's Customer Services sells most of the machine-readable data products, microfiche, and maps described earlier. (The 1990 census printed reports are sold by the Superintendent of Documents, as noted below.) Also, users may consult with specialists at the Census Bureau's Washington headquarters and its 12 regional offices. From time to time, the specialists also conduct workshops, seminars, and training courses.

WASHINGTON, DC, CONTACTS-To order products, for a telephone contacts list of Census Bureau specialists, and for general information: Customer Services, U.S. Bureau of the Census, Washington, DC 20233, telephone 301-763-4100 (FAX number, 301-763-4794).

For User-Defined Areas Program (UDAP) information: UDAP Staff, Decennial Planning Division, U.S. Bureau of the Census, Washington, DC 20233, telephone 301-763-4282.

For special tabulation information: Population-Rosemarie Cowan, Population Division, U.S. Bureau of the Census, Washington, DC 20233, telephone 301-763-5476; Housing-William Downs, Housing and Household Economic Statistics, U.S. Bureau of the Census, Washington, DC 20233, telephone 301-763-8553.

##### REGIONAL OFFICE CONTACTS-

|                 |              |
|-----------------|--------------|
| Atlanta, GA     | 404-730-3833 |
| Boston, MA      | 617-565-7078 |
| Charlotte, NC   | 704-344-6144 |
| Chicago, IL     | 312-353-0980 |
| Dallas, TX      | 214-767-7105 |
| Denver, CO      | 303-969-7750 |
| Detroit, MI     | 313-354-4654 |
| Kansas City, KS | 913-236-3711 |
| Los Angeles, CA | 818-904-6339 |

|                  |              |
|------------------|--------------|
| New York, NY     | 212-264-4730 |
| Philadelphia, PA | 215-597-8313 |
| Seattle, WA      | 206-728-5314 |

## SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE

The Superintendent of Documents handles the sale of most of the Federal Government's publications, including 1990 census reports. To order reports and for information: Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402, telephone 202-783-3238.

## OTHER SOURCES OF PRODUCTS AND SERVICES

STATE DATA CENTERS-The Census Bureau furnishes data products, training in data access and use, technical assistance, and consultation to all States, the District of Columbia, Guam, Puerto Rico, and the U.S. Virgin Islands. State Data Centers, in turn, offer publications for reference, printouts from computer tape, specially prepared reports, maps, and other products and assistance to data users. For a list of the State Data Centers, see the CENSUS CATALOG AND GUIDE or contact Customer Services. The list also notes organizations in States participating in the Census Bureau's Business/Industry Data Center (BIDC) Program. The BIDC's help business people, economic development planners, and other data users obtain and use data.

CENSUS INFORMATION CENTER (CIC)-The CIC program provides data-related services for nationally based nonprofit organizations that represent minorities or other segments of the population who have been historically undercounted in decennial censuses. The participants include social service, business, professional, civil rights, educational, and religious groups. Through the project, five nonprofit groups now offer their clientele reports, computer tape printouts, and other information from the Census Bureau. To learn more about the program write to the Census Information Center Branch, Data User Services Division, Bureau of the Census, Washington, DC 20233, or call 301-763-1384.

NATIONAL CLEARINGHOUSE-The National Clearinghouse for Census Data Services is a listing of private companies and other organizations that offer assistance in obtaining and using data released by the Census Bureau. For a list of participants in the National Clearinghouse, see the CENSUS CATALOG AND GUIDE or contact Customer Services.

DEPOSITORY LIBRARIES-There are 1,400 libraries that receive (from the Government Printing Office) Federal publications that they think their patrons will need. Often some of these publications are Census Bureau reports. The Census Bureau provides free reports to an additional 120 census depository libraries. Also, many libraries

purchase census reports and maps for their areas. The CENSUS CATALOG AND GUIDE includes a list of all depository libraries.

#### OTHER CENSUS BUREAU RESOURCES

The Census Bureau has more to offer than just the results of the census of population and housing. Through other censuses, surveys, and estimates programs, R compiles and issues (in reports, computer tape, and other media) data on subjects as diverse as appliance sales, neighborhood conditions, and exports to other countries. Here are examples of the information published about-

- PEOPLE: Age, race, sex, income, poverty, child care, child support, fertility, noncash benefits, education, commuting habits, pension coverage, unemployment, ancestry.
- BUSINESS AND INDUSTRY: Number of employees, total payroll, sales and receipts, products manufactured or sold.
- HOUSING AND CONSTRUCTION: Value of new construction, numbers of owners and renters, property value or rent paid, housing starts, fuels used, mortgage costs.
- FARMS: Number, acreage, livestock, crop sales.
- GOVERNMENTS: Revenues and expenditures, taxes, employment, pension funds.
- Foreign trade: Exports and imports, origin and nation, units shipped.
- OTHER NATIONS: Population, birth rates, death rates, literacy, fertility.

The other censuses, such as agriculture, retail trade, manufactures, and governments, are collected for years ending in "2" and "7." Surveys and estimates programs generate results as often as every month.

Many of the monthly "economic indicators" that measure how the Nation is doing come directly or indirectly from the Census Bureau. Examples: employment and unemployment; housing starts; wholesale and retail trade; manufacturers shipments, inventories, and orders, export and import trade; and sales of single-family homes.

The other statistical activities of the Census Bureau are described below. Data users will find more information about them and descriptions of their data products in the annual CENSUS CATALOG AND GUIDE. Also, special guides and brochures are prepared for most of them. Contact the Census Bureau's Customer Services for more information.

#### CURRENT DEMOGRAPHIC AND HOUSING PROGRAMS



Two types of current programs complement the 10-year census: population estimates and surveys. The total population of the United States is estimated monthly; the population of States, counties, and metropolitan areas is estimated annually; and the population of places and other governmental units is estimated every 2 years. Projections of future population are made at the national and State levels.

The Census Bureau's many household surveys update population and housing characteristics at the national level and sometimes for States and metropolitan areas, as well. These surveys also obtain many characteristics not included in the 10-year census. The Current Population Survey is taken monthly; the American Housing Survey national sample is taken biennially; the American Housing Survey metropolitan sample is taken in 44 areas, 11 per year in a 4-year cycle; most other surveys are annual or less frequent.

#### ECONOMIC CENSUSES AND SURVEYS

The economic censuses provide statistics about business establishments once every 5 years, covering years ending in "2" and "7." The 1987 Economic Censuses include the censuses of retail trade, wholesale trade, service industries, transportation, manufactures, mineral industries, and construction industries. Also included are related programs, such as statistics on minority- and women-owned businesses, enterprise statistics, and censuses of economic activity in Puerto Rico and some of the outlying areas under U.S. jurisdiction.

Several key statistics are tabulated for all industries covered in the censuses. They are number of establishments, number of employees, payroll, and measure of output (sales or receipts, and value of shipments or of work done). Other items vary from sector to sector.

The Census Bureau also has programs that provide current statistics on such measures as total sales of particular kinds of businesses or production of particular products. These programs include monthly, quarterly, and annual surveys, the results of which appear in publication series such as CURRENT BUSINESS REPORTS and CURRENT INDUSTRIAL REPORTS. The County Business Patterns program offers annual statistics based on data compiled primarily from administrative records.

#### AGRICULTURE CENSUS AND SURVEYS

The agriculture census is conducted concurrently with the economic censuses. It is the only source of uniform agriculture data at the county level. It provides data on such subjects as the number and size of farms; land use and ownership; livestock, poultry, and crops; and value of products sold.

Results of three surveys--the 1988 Farm and Ranch Irrigation Survey, 1988 Census of Horticulture Specialties, and 1988 Agricultural Economics and Land Ownership Survey--are published in

conjunction with the 1987 Census of Agriculture. Also, the Census Bureau regularly issues reports from a survey on cotton ginnings.

#### GOVERNMENTS CENSUS AND SURVEYS

The census of governments, also for years ending in "2" and "7," covers all types of governments: Federal, State, county, municipal (place), township (county sub division), school district, and special district. It provides data on such subjects as number of public employees, payrolls, revenue, and expenditures.

Annual and quarterly surveys cover the same principal subjects but generate data only for States and the largest local governments.

#### FOREIGN TRADE STATISTICS

Monthly U.S. merchandise trade data compiled by the Census Bureau summarize export and import transactions and are based on the official documents filed by shippers and receivers. These figures reflect the flow of merchandise but not intangibles like services and financial commitments. The trade figures trace commodity movements out of and into the U.S. Customs jurisdiction, which includes Puerto Rico and the U.S. Virgin Islands as well as the 50 States and the District of Columbia. Data are published separately on trade between the United States and Puerto Rico, the U.S. Virgin Islands, and other U.S. possessions.

#### OTHER STATISTICAL ACTIVITIES

The Census Bureau also offers international data. It maintains an international data base which is available to the public on computer tape and is used to produce the biennial WORLD POPULATION PROFILE report. It prepares studies dealing with the demographic and economic characteristics of other countries and world regions.

Statistical compendia are another important data product. These publications (sometimes also offered in machine-readable form) draw data from many sources and reorganize them for convenient use. The most widely used compendia are the annual STATISTICAL ABSTRACT OF THE UNITED STATES, the COUNTY AND CITY DATA BOOK (published every 5 years), and the STATE AND METROPOLITAN AREA DATA BOOK (published approximately every 4 years).

FIGURE 1. 1990 CENSUS CONTENT

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| 100-PERCENT COMPONENT  |                               |
|------------------------|-------------------------------|
| POPULATION             | HOUSING                       |
| Household relationship | Number of units in structure  |
| Sex                    | Number of rooms in unit       |
| Race                   | Tenure-owned or rented        |
| Age                    | Value of home or monthly rent |
| Marital status         | Congregate housing            |
| Hispanic origin        | (meals included in rent)      |
|                        | Vacancy characteristics       |

---

| SAMPLE COMPONENT  |  |
|---|--|
| POPULATION  | HOUSING  |
| SOCIAL CHARACTERISTICS:                                     |  |
| Education-enrollment and attainment                         | Year moved into residence                        |
| Place of birth, citizenship,<br>and year of entry into U.S. | Number of bedrooms                               |
| Ancestry  | Plumbing and kitchen facilities                  |
| Language spoken at home                                     | Telephone in unit                                |
| Migration (residence in 1985)                               | Vehicles available                               |
| Disability  | Heating fuel                                     |
| Fertility   | Source of water and method<br>of sewage disposal |
| Veteran status  | Year structure built                             |
|   | Condominium status                               |
|   | Farm residence                                   |
|   | Shelter costs, including<br>utilities            |
| ECONOMIC CHARACTERISTICS:                                   |  |
| Labor force   |  |
| Occupation, industry, and class of worker                   |  |
| Place of work and journey to work                           |  |
| Work experience in 1989                                     |  |
| Income in 1989  |  |
| Year last worked  |  |

---

NOTE: Questions dealing with the subjects covered in the 100-percent component were asked of all persons and housing units. Those covered by the sample component were asked of a sample of the population and housing units.

FIGURE 2. 1990 CENSUS PRINTED REPORTS

| SERIES   | TITLE<br>DESCRIPTION  | REPORT(S) ISSUED FOR<br>GEOGRAPHIC AREAS  |
|--|---|---|
| 1990 CENSUS OF POPULATION AND HOUSING (1990 CPH) |   |   |
| 100-PERCENT DATA                                 |   |   |
| 1990<br>CPH-1                                    | SUMMARY POPULATION<br>AND HOUSING<br>CHARACTERISTICS<br><br>Population and housing<br>unit counts, and summary<br>statistics on age, sex,<br>race, Hispanic origin,<br>household relationship,<br>units in structure, value<br>and rent, number of rooms,<br>tenure, and vacancy<br>characteristics | U.S., States, DC, Puerto<br>Rico, and U.S. Virgin Islands<br><br>Local governmental units<br>(i.e., counties, places, and<br>towns and townships), other<br>county subdivisions, and<br>American Indian and Alaska<br>Native areas  |
| 1990<br>CPH-2                                    | POPULATION AND<br>HOUSING UNIT COUNTS<br><br>Total population and<br>housing unit counts for<br>1990 and previous censuses  | U.S., States, DC, Puerto Rico,<br>and U.S. Virgin Islands<br><br>States, counties, county sub-<br>divisions, places, State com-<br>ponent parts of metropolitan<br>areas (MA's) and urbanized<br>areas (UA's), and summary<br>geographic areas (for example,<br>urban and rural)                                      |
| 100-PERCENT AND SAMPLE DATA                      |   |   |
| 1990<br>CPH-3                                    | POPULATION AND<br>HOUSING CHARACTERISTICS<br>FOR CENSUS TRACTS AND BLOCK<br>NUMBERING AREAS<br><br>Statistics on 100-percent<br>and sample population<br>and housing subjects   | MA's, and the nonmetropolitan<br>balance of each State, Puerto<br>Rico, and U.S. Virgin Islands<br><br>In MA's: census tracts/block<br>numbering areas (BNA's),<br>places of 10,000 or more<br>inhabitants, and counties. In<br>the remainder of each State:<br>census tracts/BNA'S, places<br>of 10,000 or more, and |

counties

|               |  |   |
|---------------|--|---|
| 1990<br>CPH-4 | POPULATION AND<br>HOUSING CHARACTERISTICS<br>FOR CONGRESSIONAL<br>DISTRICTS OF THE 103RD<br>CONGRESS | States and DC   |
|               | Statistics on 100-percent<br>and sample population<br>and housing subjects                           | Congressional districts (CD's)<br>and, within CD's, counties,<br>places of 10,000 or more<br>inhabitants, county subdivisions<br>of 10,000 or more inhabitants<br>in selected States, and American<br>Indian Sample Data and Alaska<br>Native areas |

---

## SAMPLE DATA

|               |  |   |
|---------------|--|---|
| 1990<br>CPH-5 | SUMMARY SOCIAL, ECONOMIC,<br>AND HOUSING CHARACTERISTICS             | U.S., States, DC, Puerto Rico,<br>and U.S. Virgin Islands   |
|               | Statistics generally on<br>sample population and<br>housing subjects | Local governmental units<br>(i.e., counties, places, and<br>towns and townships), other<br>county subdivisions, and<br>American Indian and Alaska<br>Native areas |

---

## 1990 CENSUS OF POPULATION (1990 CP)

## 100-Percent Data

|              |  |   |
|--------------|--|---|
| 1990<br>CP-1 | GENERAL POPULATION<br>CHARACTERISTICS  | U.S., States, DC, Puerto Rico,<br>and U.S. Virgin Islands   |
|              | Detailed statistics on age,<br>sex, race, Hispanic origin,<br>marital status, and house-<br>hold relationship charact-<br>eristics | States, counties, places of<br>1,000 or more inhabitants,<br>county subdivisions of 1,000<br>or more inhabitants in selected<br>States, State parts of American<br>Indian areas, Alaska Native<br>areas, and summary geographic<br>areas such as urban and<br>rural |

|                 |  |   |
|-----------------|--|---|
| 1990<br>CP-1-1A | GENERAL POPULATION<br>CHARACTERISTICS FOR AMERICAN<br>INDIAN AND ALASKA NATIVE<br>AREAS  | U.S.  |
|                 | Detailed statistics on age,<br>sex, race, Hispanic origin,<br>marital status, and household<br>relationship characteristics    | American Indian and Alaska<br>Native areas; i.e., American<br>Indian reservations, off-<br>reservation trust lands,<br>tribal jurisdiction<br>statistical areas (Oklahoma),<br>tribal designated statistical<br>areas, Alaska Native village<br>statistical areas, and Alaska<br>Native Regional Corporations |
| 1990<br>CP-1-1B | GENERAL POPULATION<br>CHARACTERISTICS FOR<br>METROPOLITAN AREAS  | U.S.  |
|                 | Detailed statistics on age,<br>sex, race Hispanic origin,<br>marital status, and<br>household relationship<br>characteristics  | Individual MA's. For MA's split<br>by State boundaries summaries<br>are provided both for the parts<br>and for the whole MA   |
| 1990<br>CP-1-1C | GENERAL POPULATION<br>CHARACTERISTICS FOR<br>URBANIZED AREAS   | U.S.  |
|                 | Detailed statistics on age,<br>sex, race, Hispanic origin,<br>marital status, and<br>household relationship<br>characteristics | Individual UA's. For UA's split<br>by State boundaries, summaries<br>are provided both for the parts<br>and for the whole UA  |

---

SAMPLE DATA

|              |   |   |
|--------------|---|---|
| 1990<br>CP-2 | SOCIAL AND ECONOMIC<br>CHARACTERISTICS                | U.S., States, DC, Puerto Rico<br>and U.S. Virgin Islands  |
|              | Statistics generally on<br>sample population subjects | States (including summaries<br>such as urban and rural),<br>counties, places of 2,500 or<br>more inhabitants, county sub-<br>divisions of 2,500 or more<br>inhabitants in selected States,<br>Alaska Native areas, and the<br>State portion of American<br>Indian areas |

|                 |  |  |
|-----------------|--|--|
| 1990<br>CP-2-1A | SOCIAL AND ECONOMIC<br>CHARACTERISTICS OF AMERICAN<br>INDIAN AND ALASKA NATIVE<br>AREAS  | U.S.   |
|                 | Statistics generally on<br>sample population subjects  | American Indian and Alaska<br>Native areas, as for CP-1-1A   |
| 1990<br>CP-2-1B | SOCIAL AND ECONOMIC<br>CHARACTERISTICS FOR METRO-<br>POLITAN AREAS   | U.S.   |
|                 | Statistics generally on<br>sample population subjects  | Individual MA's, as for CP-1-1B  |
| 1990<br>CP-2-1C | SOCIAL AND ECONOMIC<br>CHARACTERISTICS FOR URBAN-<br>IZED AREAS  | U.S.   |
|                 | Statistics generally on<br>sample population subjects  | Individual UA's, as for CP-1-1C  |
| 1990<br>CP-3    | POPULATION SUBJECT REPORTS   | Selected subjects  |
|                 | Approximately 30 reports on<br>population census subjects<br>such as migration, educa-<br>tion, income, the older<br>population, and racial and<br>ethnic groups | Generally limited to the U.S.,<br>regions, and divisions; for<br>some reports, other highly pop-<br>ulated areas such as States,<br>MA's, counties, and large places |

## 1990 CENSUS OF HOUSING (1990 CH)

## 100-PERCENT DATA

|              |   |  |
|--------------|---|--|
| 1990<br>CH-1 | GENERAL HOUSING<br>CHARACTERISTICS  | U.S., States, DC, Puerto Rico,<br>and U.S. Virgin Islands  |
|              | Detailed statistics on<br>units in structure, value<br>and rent, number of rooms,<br>tenure, and vacancy charac-<br>teristics | States, counties, places of<br>1,000 or more inhabitants,<br>county subdivisions of 1,000<br>or more inhabitants in selected<br>States, State parts of American<br>Indian areas, Alaska Native<br>areas, and summary geographic<br>areas such as urban and rural |



|                 |   |   |
|-----------------|---|---|
| 1990<br>CH-1-1A | GENERAL HOUSING<br>CHARACTERISTICS FOR<br>AMERICAN INDIAN AND<br>ALASKA NATIVE AREAS  | U.S.  |
|                 | Detailed statistics on<br>units in structure, value<br>and rent, number of rooms,<br>tenure, and vacancy charac-<br>teristics | American Indian and Alaska<br>Native areas; i.e., American<br>Indian reservations, trust<br>lands, tribal jurisdiction<br>statistical areas (Oklahoma),<br>tribal designated statistical<br>areas, Alaska Native village<br>Statistical areas, and Alaska<br>Native Regional Corporations |
| 1990<br>CH-1-1B | GENERAL HOUSING<br>CHARACTERISTICS FOR METRO-<br>POLITAN AREAS  | U.S.  |
|                 | Detailed statistics on<br>units in structure, value<br>and rent, number of rooms,<br>tenure, and vacancy charac-<br>teristics | Individual MA's. For MA's<br>split by State boundaries,<br>summaries are provided both<br>for the parts and for the<br>whole MA   |
| 1990<br>CH-1-1C | GENERAL HOUSING<br>CHARACTERISTICS FOR URBAN-<br>IZED AREAS   | U.S.  |
|                 | Detailed statistics on<br>units in structure, value<br>and rent, number of rooms,<br>tenure, and vacancy charac-<br>teristics | Individual UA's. For UA's<br>split by State boundaries,<br>summaries are provided both<br>for the parts and for the<br>whole UA   |

## SAMPLE DATA

|              |  |  |
|--------------|--|--|
| 1990<br>CH-2 | DETAILED HOUSING<br>CHARACTERISTICS                | U.S., States, DC, Puerto Rico,<br>and U.S. Virgin Islands  |
|              | Statistics generally on<br>sample housing subjects | States (including summaries<br>such as urban and rural),<br>counties, places or 2,500 or<br>more inhabitants, county<br>subdivisions or 2,500, or<br>more inhabitants in selected<br>States, Alaska Native areas,<br>and State parts of American<br>Indian areas |

|                 |  |  |
|-----------------|--|--|
| 1990<br>CH-2-1A | Detailed Housing Characteristics for American Indian and Alaska Native Areas                                 | U.S.   |
|                 | Statistics generally on sample housing subjects  | American Indian and Alaska Native areas, as in 1990<br>CH-1-1A   |
| 1990<br>CH-2-1B | DETAILED HOUSING CHARACTERISTICS FOR METROPOLITAN AREAS  | U.S.   |
|                 | Statistics generally on sample housing subjects  | Individual MA's, as in 1990<br>CH-1-1B   |
| 1990<br>CH-2-1C | DETAILED HOUSING CHARACTERISTICS FOR URBANIZED AREAS   | U.S.   |
|                 | Statistitcs generally on sample housing subjects   | Individual UA's, as in 1990<br>CH-1-1C   |
| 1990<br>CH-3    | HOUSING SUBJECT REPORTS  | Selected subjects  |
|                 | Approximately 10 reports on housing census subjects such as structural characteristics and space utilization | Generally limited to U.S., regions, and divisions; for some reports, other highly populated areas such as States, MA's, counties, and large places |

FIGURE 3. 1990 CENSUS SUMMARY TAPE FILES

SUMMARY TAPE FILE  
 (STF 1A, 1B, ETC.)  
 AND DATA TYPE  
 (100 PERCENT OR  
 SAMPLE) /1

|                        | GEOGRAPHIC AREAS  | DESCRIPTION  |
|------------------------|---|--|
|                        | A /2 States, counties, county subdivisions, places, census tracts/block numbering areas (BNA's), block groups (BG's). Also Alaska Native areas and State parts of American Indian areas   |  |
|                        | B /2 States, counties, county subdivisions, places, census tracts/BNA's, BG's, blocks. Also Alaska Native areas and State parts of American Indian areas  |  |
| STF 1<br>(100 percent) | C /2 U.S., regions, divisions, States (including summaries such as urban and rural), counties, places of 10,000 or more inhabitants in selected States, metropolitan areas (MA's), urbanized areas (UA's), American Indian and Alaska Native areas        | Over 900 cells/items of 100-percent population and housing counts and characteristics for each geographic area |
|                        | D Congressional districts (CD's) of the 103rd Congress by State; and within each CD: counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States, Alaska Native areas, and American Indian areas |  |
|                        | A In MA's: counties, places of 10,000 or more inhabitants, and census tracts/BNA's. In the remainder of each State: counties, places of 10,000 or more inhabitants, and census tracts/BNA's   |  |

|                       |      |  |   |
|-----------------------|------|--|---|
| STF2<br>(100 percent) | B    | States (including summaries such as urban and rural), counties, places of 1,000 or more inhabitants, county subdivisions, State parts of American Indian Areas, and Alaska Native areas  | Over 2,100 cells/items of 100-percent population and housing counts and characteristics for each geographic area. Each of the STF2 files will include a set of tabulations for the total population and separate presentations of tabulations by race and Hispanic origin |
|                       | C    | U.S., regions, divisions, States (including summaries such as urban and rural), counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States, all county subdivisions in New England MA's, American Indian and Alaska Native areas, MA's, UA's |   |
|                       | A /2 | States, counties, county subdivisions, places, census tracts/BNA's, BG's. Also Alaska Native areas and State parts of American Indian areas.   |   |
|                       | B /2 | Five-digit ZIP Codes within each State   |   |
| STF 3<br>(Sample)     | C /2 | U.S., regions, divisions, States, counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States, American Indian and areas, MA's, UA's  | Over 3,300 cells/items of sample population and housing characteristics for each geographic area  |
|                       | D    | CD's of the 103rd Congress by State: and within each CD: counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States  |   |

---

|                   |   |   |   |
|-------------------|---|---|---|
|                   | A | In MA's: counties, places of 10,000 or more inhabitants and census tracts/BNA's. In the remainder of each State: counties, places of 10,000 or more inhabitants, and census tracts/BNA's  |   |
| STF 4<br>(Sample) | B | State (including summaries such as urban and rural), counties, places of 2,500 or more inhabitants, county subdivisions of 2,500 or more inhabitants in selected States, all county subdivisions in New England MA's, State parts of American Indian areas, and Alaska Native areas   | Over 8,500 cells/items of sample population and housing characteristics for each geographic area. Each of the STF 4 files will include a set of tabulations for the total population and separate presentations of tabulations by race and Hispanic origin. |
|                   | C | U.S., regions, divisions, States, (including urban and rural and metropolitan and nonmetropolitan components), counties, places, of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States, all county subdivisions, in New England MA's, American Indian and Alaska Native areas, MA's, UA's |   |

NOTE: STF 420 PLACE OF WORK 20 DESTINATIONS FILE. This is a new file for 1990. Comparable data were included as part of STF 4 in 1980, but for 1990 this is a separate file and must be ordered and purchased separately for STF 4. The file contains 20 place of work destinations for each county or county equivalent, minor civil division, place of 10,000 or more persons, and census tract or block numbering area. Data are also provided for each major race and for workers of Hispanic origin cross-classified by race. The geographic level of the destinations varies. A destination may be a place, county, balance of county, metropolitan area, or balnce of metropolitan area.

---

/1 Similar STF's will be prepared for Puerto Rico and the U.S. Virgin Islands.

/2 Also available on laser disc (CD-ROM). STF 1B CD-ROM presents only part of the data for blocks and other areas in the tape file.

FIGURE 4. OTHER 1990 CENSUS DATA PRODUCTS

| TITLE   | DESCRIPTION   | GEOGRAPHIC AREAS   |
|---|---|--|
| Subject Summary<br>Tape Files                             | About 20 computer tape files used to produce the subject reports (1990 CP-3 and 1990 CH-3 series). On the average, a file is the source of two subject reports  | U.S., regions, divisions, States, metropolitan areas (MA's), and large counties and places   |
| Public Law 94-171<br>Data File (redistricting data)       | Counts by total, race, and Hispanic origin for the total population and population 18 years old and over, and counts of housing units. Available on tape, CD-ROM, and paper listings.   | States, counties, county subdivisions, places, census tracts/block numbering areas (BNA's), block groups (BG's), and blocks; voting districts where States have identified them for the Census Bureau; and American Indian and Alaska Native areas |
| Census/Equal Employment Opportunity<br>(EEO) Special File | Sample tabulations showing detailed occupations and educational attainment data by age; cross tabulated by sex, Hispanic origin, and race.  | Counties, MA's, places of 50,000 or more inhabitants   |
| County-to-County<br>Migration File                        | Summary statistics for all interstate county-to-county migration streams and significant interstate county-to-county migration streams. Each record will include codes for the geographic area of destination, and selected characteristics of the persons who made up the migration stream | States, counties   |

|   |   |   |
|---|---|---|
| Public Use Microdata<br>Sample (PUMS) Files | Machine-readable files<br>containing a sample of<br>individual long-form<br>census records showing<br>most population and hou-<br>sing characteristics<br>but with identifying<br>information removed |   |
| 5 Percent-County<br>Based                   |   | County groups,<br>counties, county<br>subdivisions, and<br>places with 100,000<br>or more inhabitants |
| 1 Percent-Metro-<br>politan Areas (1990)    |   | MA's and other<br>large areas with<br>100,000 or more<br>inhabitants                                  |
| 3 Percent-Elderly                           | As above, but includes<br>only households with at<br>least one person age 60<br>or more   | Same as for 5-per-<br>cent sample   |
| User-Defined Areas<br>Tabulations           | A set of standard tabul-<br>ations provided on print-<br>outs, tapes, or other<br>products with maps and<br>narrative (if requested)  | User-defined areas<br>created by aggreg-<br>ating census blocks                                       |
| Special Tabulations                         | User-defined tabulations<br>for specified geographic<br>areas provided on printouts,<br>tapes, or other products  | User-defined areas<br>or standard areas   |



APPENDIX G.  
Maps

Maps for Appendix G. not available in machine-readable format.

CONTENTS

|   |     |
|---|-----|
| Census Tract/Block Numbering Area Outline Map Sample..... | 923 |
| County Block Map Sample.....                              | 923 |
| County Subdivision Map Sample.....                        | 923 |
| Map Descriptions.....                                     | 923 |
| Terminology.....  | 923 |

There are three map series that relate to the geographic entities for which the Census Bureau provides statistics in the STF 4 data tapes. Copies of county block maps and county subdivision maps will be reproduced on electrostatic plotters in response to orders received by Customer Services, Data User Services Division, Bureau of the Census, Washington, DC 20233 (301) 763-4100. Census tract/block numbering area outline maps may be ordered from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

MAP DESCRIPTIONS

COUNTY BLOCK MAPS-These maps depict each county on one or more map sheets at various scales, depending on the county's areal size and the density of the block pattern. (Most counties include multiple map sheets, including inset maps for densely settled areas.) The maps display block numbers and feature identifiers as well as the boundaries, names, and codes for the legal and statistical entities in the county. Each county includes an index map sheet that shows the locations of the map sheets comprising the county set.

CENSUS TRACT/BLOCK NUMBERING AREA OUTLINE MAPS-These county-based maps depict the boundaries and codes of census tracts or block numbering areas, the features and feature names underlying the boundaries, and the boundaries and names of counties, county subdivisions, places, and American Indian/Alaska Native areas. Map scales vary to minimize the number of sheets. The maps may include one or more insets for densely settled areas.

COUNTY SUBDIVISION MAPS-These State-based maps depict the boundaries and names of all counties and statistically equivalent areas, county subdivisions, and places. (The Census Bureau also will publish sectionalized versions of these maps in most 1990 census reports.)

TERMINOLOGY

Refer to appendix A for an explanation of the types of areas.  
Two terms used in the legend require explanation:

ASTERISK(\*)-A symbol following a block number to indicate the block number is repeated elsewhere in the block or is shown partially on an adjacent map sheet or on an inset map.

FISHHOOK-A map symbol drawn across a physical feature (creek, brook, etc.) or boundary on census maps to show that the areas on both sides of the feature or boundary belong to the same census block.

APPENDIX H.  
Record Layout of Machine-Readable  
Data Dictionary

## CONTENTS

|                                 |     |
|---------------------------------|-----|
| Geographic Description.....     | 925 |
| Table (Matrix) Description..... | 926 |

This appendix provides the record layout for machine-readable data dictionary file that accompanies each data tape. This data dictionary was developed as a "generic" dictionary that, with some programming, could be converted for use with specific software packages.

## GEOGRAPHIC DESCRIPTION

## GEOGRAPHIC RECORD 1-FIELD MNEMONIC, SIZE, AND TYPE

| POSITION | DESCRIPTION  |
|----------|--|
| 1-2      | Identifier "G1" (Geographic Record 1)              |
| 3        | Blank  |
| 4-11     | Field mnemonic (left justified)                    |
| 12       | Blank  |
| 13-14    | Field size (right justified)                       |
| 15       | Blank  |
| 16-18    | Data type (left justified)                         |
|          | Note: Legal entries are A, N, and A/N              |
| 19       | Blank  |
| 20-24    | Begin position (right justified)                   |
|          | (Begin position in relation to the entire record)  |
| 25       | Blank  |
| 26-30    | Relative begin position (right justified)          |
|          | (Begin position in relation to the record segment) |
| 31       | Blank  |
| 32       | Number of implied decimals                         |
| 33-80    | Blank  |

## GEOGRAPHIC RECORD 2-FIELD DESCRIPTION

|       |  |
|-------|--|
| 1-2   | Identifier "G2" (Geographic Record 2)                      |
| 3     | Blank  |
| 4-8   | Begin position (right justified) (repeat from 20-24 above) |
| 9     | Blank  |
| 10-80 | Field Description (left justified)                         |

## GEOGRAPHIC RECORD 3-CODE IDENTIFICATION

1-2 Identifier "G3" (Geographic Record 3)  
 3 Blank  
 4-8 Begin position (right justified) (repeat from 20-24 in G1)  
 9 Blank  
 10-17 Codes (right justified)  
 18 Blank  
 19-80 Code identification (left justified)

## GEOGRAPHIC DESCRIPTION EXAMPLES /1

Examples of the geographic records are shown below. In example 1, there are no G3 records. G3 records will appear only for fields which have code listings in the technical documentation.

## Example 1

G1 FILEID 8 A/N 1 1 0  
 G2 1 File Identification

## Example 2

G1 PSADC 2 A/N 289 289 0  
 G2 289 Political/Statistical Area Description Code  
 G3 289 01 State or State equivalent-no status is appended to the  
 G3 289 01 name of the entity in census publications and related  
 G3 289 01 data products  
 G3 289 04 Borough - county equivalent in Alaska; "Borough" is  
 G3 289 04 appended to the name of the entity in census publi-  
 G3 289 04 cations and related data products  
 G3 289 05 Census area - county equivalent in Alaska; "Census  
 G3 289 05 Area" is appended to the name of the entity in census  
 63 289 05 publications and related data products

## TABLE (MATRIX) DESCRIPTION

## TABLE RECORD 1-TABLE NUMBER AND CHARACTERISTICS

1-2 Identifier "T1" (Table Record 1)  
 3 Blank  
 4-9 Table (matrix) number (left justified)  
 10 Blank  
 11-17 Begin position (right justified) /2  
 (Begin position in relation to the entire record)  
 18 Blank  
 19-25 Relative begin position (right justified) /2  
 (Begin position in relation to the record segment)  
 26 Blank  
 27-28 Cell size for this table (matrix) (right justified)  
 29 Blank  
 30 Number of implied decimals for cells in this table (matrix)

31 Blank  
 32-38 Number of cells in this table (matrix) (right justified) /2  
 39 Blank  
 40-42 Number of variables (right justified)  
 43-80 Blank

## TABLE RECORD 2-TABLE TITLE

1-2 Identifier "T2" (Table Record 2)  
 3 Blank  
 4-9 Table (matrix) number (left justified)  
 10 Blank  
 11-80 Table (matrix) title (left justified)

## TABLE RECORD 3-UNIVERSE DESCRIPTION

1-2 Identifier "T3" (Table Record 3)  
 3 Blank  
 4-9 Table (matrix) number (left justified)  
 10 Blank  
 11-80 Universe Description (left justified)

## TABLE RECORD 4-N-TABLE VARIABLE DESCRIPTIONS

1-2 Identifier "Tn" n = sequence number of variable  
 in the table being described.  
 3 Blank  
 4-9 Table (matrix) number (left justified)  
 10 Blank  
 11-76 Variable name (left justified)  
 77 Blank  
 78-80 Number of categories for this variable (right justified)  
 Note: Subsequent "T" records with the same "n" will have  
 the variable categories described in positions 11-80.

## FILLER RECORD

1-2 Identifier "F1" (Filler Record)  
 3 Blank  
 4-7 "FILL"  
 8-10 Blank  
 11-17 Begin Position (right justified) (Begin position in  
 relation to the entire record) /2  
 18 Blank  
 19-25 Relative Begin Position (right justified) (Begin  
 position in relation to the record segment) /2  
 26 Blank  
 27-30 Total number of "FILL" blanks  
 31-80 Blank

## MATRIX EXAMPLE /1

See example 3 below.

Example 3

Sex (2) by Marital Status(5) (10)

|    |     |                               |      |   |   |    |   |
|----|-----|-------------------------------|------|---|---|----|---|
| T1 | P14 | 4423                          | 4423 | 9 | 0 | 10 | 2 |
| T2 | P14 | SEX BY MARITAL STATUS         |      |   |   |    |   |
| T3 | P14 | Persons 15 years and over     |      |   |   |    |   |
| T4 | P14 | SEX                           |      |   |   |    | 2 |
| T4 | P14 | Male                          |      |   |   |    |   |
| T4 | P14 | Female                        |      |   |   |    |   |
| T5 | P14 | MARITAL STATUS                |      |   |   |    | 5 |
| T5 | P14 | Never married                 |      |   |   |    |   |
| T5 | P14 | Now married, except separated |      |   |   |    |   |
| T5 | P14 | Separated                     |      |   |   |    |   |
| T5 | P14 | Widowed                       |      |   |   |    |   |
| T5 | P14 | Divorced                      |      |   |   |    |   |

- 
- /1 Examples are for illustrative purposes and are not specific to this STF.
- /2 These positions have been increased to accommodate all record sizes. Previous products had less characters; future products (STF 3 PR, STF 3 VI, STF 4, etc.) will have the above structure.

APPENDIX I.  
Code Lists

CONTENTS

Ancestry..... 929  
 Group Quarter..... 949  
 Hispanic Origin..... 961  
 Industry..... 965  
 Language..... 973  
 Occupation..... 981  
 Place of Birth..... 997  
 Race..... 1003

ANCESTRY

This section contains the code list for ancestry categories. Each person enumerated in the census had the opportunity to enter two distinct ancestry identities which indicated his or her ethnic origin. Each entry received one of the unique three-digit codes listed below. All codes are listed below. However, not all ancestry entries are listed. The ancestry codes can be aggregated to create commonly recognized national groupings. For example, the code for Walloon can be collapsed with other "Belgian" entries to form a national grouping representative of an area in Europe. National groupings can also be collapsed to represent continental areas. For example, Belgium can be added to France and other European clusters to form a representation of that continent. "n.e.c." is the abbreviation for not elsewhere classified.

|         |                               |         |                |
|---------|-------------------------------|---------|----------------|
| 000-099 | WESTERN EUROPE (EXCEPT SPAIN) | 005-007 | BASQUE         |
|         |                               | 005     | BASQUE         |
|         |                               | 005     | Euskalduna     |
| 000-001 | ALSATIAN                      | 005     | Euzkadi        |
| 000-001 | Alsace Lorraine               | 006     | FRENCH BASQUE  |
|         |                               | 007     | SPANISH BASQUE |
| 002     | ANDORRAN                      | 007     | Vasco          |
| 002     | Andorra                       |         |                |
|         |                               | 008-010 | BELGIAN        |
| 003-004 | AUSTRIAN                      | 008     | BELGIAN        |
| 003     | AUSTRIAN                      | 008     | Belgium        |
| 003     | Austria                       | 009     | FLEMISH        |
| 004     | TIROL                         | 009     | Flanders       |
| 004     | Tirol                         | 009     | Fleming        |

|         |                   |         |                     |
|---------|-------------------|---------|---------------------|
| 009     | Vlamand           | 026     | Normandy            |
| 010     | WALLOON           | 027     | LORRAINE            |
| 011-014 | BRITISH           | 028     | BRETON              |
| 011     | BRITISH           | 028     | Breizh              |
| 011     | Great Britain     | 028     | Bretagne            |
| 011     | United Kingdom    | 028     | Brittany            |
| 012     | BRITISH ISLES     |         |                     |
| 013     | CHANNEL ISLANDER  | 029     | FRISIAN             |
| 013     | Guernsey Islander | 029     | Friesian Islands    |
| 013     | Jersey Islander   |         |                     |
| 014     | GIBRALTAR         | 030-031 | FRIULIAN            |
|         |                   | 030     | FRIULIAN            |
| 015     | CORNISH           | 030     | Friuli              |
| 015     | Cornwall          | 030     | Furlan              |
|         |                   | 031     | LADIN               |
| 016     | CORSICAN          |         |                     |
| 016     | Corsica           | 032-045 | GERMAN              |
|         |                   | 032     | GERMAN              |
| 017-019 | CYPRIOT           | 032     | Germany             |
| 017     | CYPRIOT           | 033     | BAVARIA             |
| 017     | Cyprus            | 034     | BERLIN              |
| 018     | GREEK CYPRIOTE    | 035     | HAMBURG             |
| 019     | TURKISH CYPRIOTE  | 036     | HANNOVER            |
|         |                   | 037     | HESSIAN             |
| 020     | DANISH            | 038     | LUBECKER            |
| 020     | Denmark           | 039     | POMERANIAN          |
|         |                   | 040     | PRUSSIAN            |
| 021     | DUTCH             | 041     | SAXON               |
| 021     | Holland           | 042     | SUDETENLANDER       |
| 021     | Netherlands       | 043     | WESTPHALIAN         |
|         |                   | 044     | EAST GERMAN         |
| 022     | ENGLISH           | 045     | WEST GERMAN         |
| 022     | Anglican          | 045     | Palatinate          |
| 022     | England           | 045     | Rhineland           |
| 022     | Mayflower         |         |                     |
|         |                   | 046-048 | GREEK               |
| 023     | FAEROE ISLANDER   | 046     | GREEK               |
| 023     | Faeroe Islands    | 046     | Greece              |
|         |                   | 047     | CRETAN              |
| 024-025 | FINNISH           | 048     | CYCLADES            |
| 024     | FINNISH           | 048     | Dodecanese Islander |
| 024     | Finland           | 048     | Peloponnesian       |
| 025     | KARELIAN          |         |                     |
|         |                   | 049     | ICELANDER           |
| 026-027 | FRENCH            | 049     | Iceland             |
| 026     | FRENCH            |         |                     |
| 026     | France            | 050     | IRISH               |
| 026     | Gascon            | 050     | Black Irish         |
| 026     | Hugenot           | 050     | Clare               |



|         |                  |     |                    |
|---------|------------------|-----|--------------------|
| 050     | Cork             | 064 | NEAPOLITAN         |
| 050     | Donegal          | 065 | PIEDMONTESE        |
| 050     | Dubliner         | 066 | PUGLIA             |
| 050     | Eire             | 067 | SARDINIAN          |
| 050     | Galway           | 068 | SICILIAN           |
| 050     | Ireland          | 068 | Sicily             |
| 050     | Irish Free State | 069 | TOSCANA            |
| 050     | Kerry            | 069 | Tuscany            |
| 050     | Kildare          | 070 | TRENTINO           |
| 050     | Kilkenny         | 071 | UMBRIAN            |
| 050     | Laoighis         | 072 | VALLE DAOST        |
| 050     | Leitrim          | 073 | VENETIAN           |
| 050     | Leix             | 073 | Venezia Giulia     |
| 050     | Limerick         | 074 | SAN MARINO         |
| 050     | Longford         |     |                    |
| 050     | Louth            | 075 | LAPP               |
| 050     | Mayo             | 075 | Lapland            |
| 050     | Meath            | 075 | Samelat            |
| 050     | Monaghan         |     |                    |
| 050     | Offaly           | 076 | LIECHTENSTEINER    |
| 050     | Roscommon        | 076 | Liechtenstein      |
| 050     | Sligo            |     |                    |
| 050     | Tipperary        | 077 | LUXEMBURGER        |
| 050     | Waterford        | 077 | Luxemburg          |
| 050     | Westmeath        |     |                    |
| 050     | Wexford          | 078 | MALTESE            |
| 050     | Wicklow          | 078 | Gozo               |
|         |                  | 078 | Malta              |
| 051-074 | ITALIAN          |     |                    |
| 051     | ITALIAN          | 079 | MANX               |
| 051     | Istria           | 079 | Isle of Man        |
| 051     | Italy            |     |                    |
| 052     | TRIESTE          | 080 | MONEGASQUE         |
| 053     | ABRUZZI          | 080 | Monaco             |
| 054     | APULIAN          |     |                    |
| 054     | Apulia           | 081 | NORTH IRISH        |
| 055     | BASILICATA       | 081 | Antrim             |
| 055     | Lucania          | 081 | Armagh             |
| 056     | CALABRIAN        | 081 | Derry              |
| 057     | AMALFIN          | 081 | Down               |
| 057     | Campania         | 081 | Fermanagh          |
|         |                  | 081 | Londonderry        |
| 058     | EMILIA ROMAGNA   | 081 | Northern Ireland   |
| 059     | ROME             | 081 | Orangeman          |
| 059     | Lazio            | 081 | Tyrone             |
| 059     | Vatican City     | 081 | Ulster             |
| 060     | LIGURIAN         |     |                    |
| 061     | LOMBARDIAN       | 082 | NORWEGIAN          |
| 062     | MARCHE           | 082 | Jan Meyen Islander |
| 063     | MOLISE           | 082 | Norway             |

|         |                    |         |                    |
|---------|--------------------|---------|--------------------|
| 082     | Spitsbergen        | 100     | ALBANIAN           |
| 082     | Svalbard Islander  | 100     | Albania            |
|         |                    | 100     | Arberesh           |
| 083     | OCCITAN            | 100     | Gheg               |
| 083     | Provence           | 100     | Italo Albanian     |
|         |                    | 100     | Kosovo             |
| 084-086 | PORTUGUESE         | 100     | Tosc               |
| 084     | PORTUGUESE         |         |                    |
| 084     | Lusitania          | 101     | AZERBAIJANI        |
| 084     | Luso               | 101     | Adjerbaijani       |
| 084     | Portugal           | 101     | Azerbaidzhan       |
| 085     | AZORES ISLANDER    | 101     | Azeri              |
| 086     | MADEIRA ISLANDER   |         |                    |
|         |                    | 102     | BELORUSSIAN        |
| 087     | SCOTCH-IRISH       | 102     | Byelorussian       |
| 087     | Scot-Irish         |         |                    |
|         |                    | 103     | BULGARIAN          |
| 088     | SCOTTISH           | 103     | Bulgaria           |
| 088     | Orkney Islander    | 103     | Bulgaro Macedonian |
| 088     | Pict               | 103     | Eastern Rumelian   |
| 088     | Scot               |         |                    |
| 088     | Scotland           | 104-105 | CARPATHO RUSYN     |
| 088     | Shetland Islander  | 104     | CARPATHO RUSYN     |
|         |                    | 104     | Carpatho Rus       |
| 089-090 | SWEDISH            | 104     | Carpatho Russian   |
| 089     | SWEDISH            | 104     | Carpatho Ruthenian |
| 089     | Sweden             | 105     | CARPATHIAN         |
| 090     | ALAND ISLANDER     |         |                    |
|         |                    | 106     | RUSYN              |
| 091-096 | SWISS              | 106     | Rus                |
| 091     | SWISS              | 106     | Rusin              |
| 091     | Switzerland        | 106     | Rusnak             |
| 092     | SUISSE             |         |                    |
| 093     | SWITZER            | 107     | RUTHENIAN          |
| 093-094 | Schweiz            | 107     | Ruthenia           |
| 095     | ROMANSCH           |         |                    |
| 096     | SUISSE ROMANE      | 108     | COSSACK            |
| 096     | Ticino             | 108     | Don Cossack        |
|         |                    | 108     | Orenburg Cossack   |
| 097     | WELSH              | 108     | Terek Cossack      |
| 097     | Wales              | 108     | Ural Cossack       |
|         |                    |         |                    |
| 098     | SCANDINAVIAN       | 109-110 | CROATIAN           |
| 098     | Nordic             | 109     | Croatia            |
| 098     | Scandinavia        | 109     | Dalmatian          |
|         |                    | 109-110 | Zadar              |
| 099     | CELTIC             |         |                    |
| 099     | Celtic             | 111-113 | CZECH              |
|         |                    | 111     | CZECH              |
| 100-180 | EASTERN EUROPE AND | 112     | BOHEMIAN           |
|         | SOVIET UNION       | 113     | MORAVIAN           |

|         |                    |         |                    |
|---------|--------------------|---------|--------------------|
| 114     | CZECHOSLOVAKIAN    | 128     | Latvia             |
| 114     | Czechoslovakia     | 128     | Lettish            |
| 114     | Tczechoslovakia    |         |                    |
|         |                    | 129     | LITHUANIAN         |
| 115-116 | ESTONIAN           | 129     | Jmoud              |
| 115     | ESTONIAN           | 129     | Lithuania          |
| 115     | Estonia            |         |                    |
| 116     | LIVONIAN           | 130     | MACEDONIAN         |
|         |                    | 130     | Macedonia          |
| 117-119 | FINNO UGRIAN       | 130     | Slavophone         |
| 117     | FINNO UGRIAN       |         |                    |
| 117     | Komi               | 131     | MONTENEGRIN        |
| 117     | Mari               | 131     | Orna Gora          |
| 117     | Udmurt             |         |                    |
| 118     | MORDOVIAN          | 132-141 | NORTH CAUCASIAN    |
| 119     | VOYTAK             | 132     | NORTH CAUCASIAN    |
|         |                    | 132     | Abkhazian          |
| 120-121 | GRUZIIA            | 132     | Adyge              |
| 120-121 | Gruzinets          | 132     | Avar               |
|         |                    | 132     | Caucasus Mountains |
| 122-123 | GERMAN FROM RUSSIA | 132     | Chechen            |
| 122     | GERMAN FROM RUSSIA | 132     | Daghestan          |
| 123     | VOLGA              | 132     | Darghinian         |
| 123     | Black Sea German   | 132     | Gortsy             |
| 123     | Volhynian German   | 132     | Ingush             |
|         |                    | 132     | Kabardinian        |
| 124     | ROM                | 132     | Lezghian           |
| 124     | Boysh              | 132     | Tavlintsy          |
| 124     | Cali               | 133     | NORTH CAUCASIAN    |
| 124     | Dom                |         | TURKIC             |
| 124     | Gitanos            | 133     | Adzharian          |
| 124     | Gypsy              | 133     | Balkar             |
| 124     | Kalderash          | 133     | Cherkess           |
| 124     | Luri               | 133     | Circassian         |
| 124     | Manouche           | 133     | Karachay           |
| 124     | Nat                | 133-139 | Kumyk              |
| 124     | Romnichal          | 140-141 | OSSETIAN           |
| 124     | Senti              |         |                    |
| 124     | Xoraxaya           | 142-143 | POLISH             |
|         |                    | 142     | POLISH             |
| 125-126 | HUNGARIAN          | 142     | Gorali             |
| 125     | HUNGARIAN          | 142     | Masurian           |
| 125     | Hungary            | 142     | Poland             |
| 125     | Szekler            | 142     | Polonia            |
| 126     | MAGYAR             | 142     | Polska             |
|         |                    | 143     | KASHUBIAN          |
| 127     | KALMYK             |         |                    |
| 127     | Kalmuck            | 144-147 | ROMANIAN           |
|         |                    | 144     | ROMANIAN           |
| 128     | LATVIAN            | 144     | Romania            |

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|---------|--|---------|---------------------|
| 144     | Transylvania                           | 165     | Crimean Tatar       |
| 145     | BESSARABIAN                            | 165     | Kazan Tatar         |
| 145     | Dobruja                                | 165     | Nogay Tatar         |
| 146     | MOLDAVIAN                              | 165     | Polish Tatar        |
| 147     | WALLACHIAN                             | 165-166 | Volga Tatar         |
| 147     | Vlach                                  | 167     | SOVIET CENTRAL ASIA |
|         |  | 167     | Kurile Islander     |
| 148-151 | RUSSIAN                                | 167     | Sakhalin Islander   |
| 148     | RUSSIAN                                | 167     | Siberian            |
| 148     | Black Russian                          |         |                     |
| 148     | Great Russian                          | 168-170 | TURKESTANI          |
| 148     | Red Russian                            | 168     | TURKESTANI          |
| 148     | Rossiia                                | 168     | Karakalpak          |
| 148-149 | Russia                                 | 168     | Kazak               |
| 150-151 | MUSCOVITE                              | 168     | Kirghiz             |
|         |  | 168     | Tadzhik             |
| 152     | SERBIAN                                | 168     | Turcoman            |
| 152     | Serb                                   | 168     | Turkestani          |
|         |  | 168     | Turkmen             |
| 153     | SLOVAK                                 | 168     | Turkoman            |
| 153     | Slovakian                              | 168     | Uiger               |
| 153     | Slovjak                                | 169-170 | UZBEG               |
|         |  |         |                     |
| 154-155 | SLOVENE                                | 171-174 | UKRAINIAN           |
| 154     | SLOVENE                                | 171     | UKRANIAN            |
| 154     | Slovenec                               | 171     | Little Russian      |
| 154     | Slovenian                              | 171     | Malo Russian        |
| 154     | Slovenski                              | 171     | Ukraine             |
| 155     | SORBIAN/WEND                           | 172     | LEMKO               |
| 155     | Lusatian Serb                          | 172     | Lemkian             |
| 155     | Sorb                                   | 173     | BIOKO               |
| 155     | Wend                                   | 174     | HUSEL               |
| 155     | Wendish                                |         |                     |
|         |  | 175     | WINDISH             |
| 156-163 | SOVIET TURKIC                          | 175     | Prekmurje           |
| 156     | SOVIET TURKIC                          | 175     | Windisch            |
| 156     | Soviet Turk                            |         |                     |
| 157     | BASHKIR                                | 176-177 | YUGOSLAVIAN         |
| 158     | CHUVASH                                | 176     | YUGOSLAVIAN         |
| 159     | GAGAUZ                                 | 176     | Jugoslavia          |
| 160     | MESKNETIAN                             | 177     | HERZEGOVINIAN       |
| 161-162 | TUVINIAN                               | 177     | Bosanci             |
| 163     | YAKUT                                  | 177     | Bosnian Muslim      |
|         |  | 177     | Bosnjaci            |
| 164     | SOVIET UNION                           |         |                     |
| 164     | Union of Soviet<br>Socialist Republics | 178-180 | SLAVIC              |
|         |  | 178     | SLAVIC              |
|         |  | 178     | Slav                |
| 165-167 | TATAR                                  | 179-180 | SLAVONIAN           |
| 165     | TATAR                                  |         |                     |

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|---------|--|---------|------------------|
| 181-199 | EUROPE, N.E.C.                           | 218     | Campeche         |
|         |  | 218     | Chiapas          |
| 181     | EUROPE, N.E.C.                           | 218     | Chihuahua        |
| 181     | Central European                         | 218     | Coahuila         |
| 181-182 | Middle European                          | 218     | Colima           |
| 183     | NORTHERN EUROPEAN                        | 218     | Distrito Federal |
| 183-184 | North Europe                             | 218     | Durango          |
| 185     | SOUTHERN EUROPEAN                        | 218     | Guanajuato       |
| 185-186 | South Europe                             | 218     | Guerrero         |
| 187     | WESTERN EUROPEAN                         | 218     | Hidalgo          |
| 187-189 | West Europe                              | 218     | Jalisco          |
| 190     | EASTERN EUROPEAN                         | 218     | Mexico           |
| 190     | Byzantine                                | 218     | Michoacan        |
| 190     | East Europe                              | 218     | Morelos          |
| 191-192 | BUKOVINA                                 | 218     | Nayarit          |
| 193-194 | SILESIAN                                 | 218     | Nuevo Leon       |
| 195     | EUROPEAN                                 | 218     | Oaxaca           |
| 196     | GALICIAN                                 | 218     | Puebla           |
| 196-199 | Galicia                                  | 218     | Queretaro        |
|         |  | 218     | Quintana Roo     |
| 200-299 | HISPANIC CATEGORIES<br>(INCLUDING SPAIN) | 218     | San Luis Potosi  |
|         |  | 218     | Sinaloa          |
|         |  | 218     | Sonora           |
| 200-203 | SPANIARD                                 | 218     | Tabasco          |
| 200     | SPANIARD                                 | 218     | Tamaulipas       |
| 200     | Espanola                                 | 218     | Tlaxcala         |
| 200     | Iberian                                  | 218     | Vera Cruz        |
| 200     | Spain                                    | 218     | Yucatan          |
| 201     | ANDALUSIAN                               | 218     | Zacatecas        |
| 202     | ASTURIAN                                 |         |                  |
| 203     | CASTILLIAN                               | 219-221 | COSTA RICAN      |
|         |  | 219     | Costa Rica       |
| 204-209 | CATALONIAN                               | 219-221 | Costarricense    |
| 204     | CATALONIAN                               |         |                  |
| 204     | Catalonia                                | 222     | GUATEMALAN       |
| 205     | BALEARIC ISLANDER                        | 222     | Guatemala        |
| 205     | Mallorca                                 |         |                  |
| 206     | GALLEGO                                  | 223     | HONDURAN         |
| 207     | VALENCIAN                                | 223     | Honduras         |
| 208-209 | CANARY ISLANDER                          |         |                  |
|         |  | 224     | NICARAGUAN       |
| 210-218 | MEXICAN                                  | 224     | Nicaragua        |
| 210     | MEXICAN                                  |         |                  |
| 211     | MEXICAN AMERICAN                         | 225     | PANAMANIAN       |
| 212     | MEXICANO                                 | 225     | Panama           |
| 213     | CHICANO                                  |         |                  |
| 214-217 | LA RAZA                                  | 226     | SALVADORAN       |
| 218     | MEXICAN STATE                            | 226     | El Salvador      |
| 218     | Aguascalientes                           | 226     | Salvadorian      |
| 218     | Baja California                          |         |                  |

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| 227-228 | CENTRAL AMERICAN   | 261     | Borinquena                    |
| 227-228 | Central America    | 261     | New York Puerto Rican         |
| 229-230 | CANAL ZONE         | 261     | Puerto Rico                   |
|         |                    | 261-270 | Puertorriqueno                |
| 231     | ARGENTINEAN        |         |                               |
| 231     | Argentine          | 271-274 | CUBAN                         |
|         |                    | 271     | Cuba                          |
| 232     | BOLIVIAN           | 271     | Cubana                        |
| 232     | Bolivia            | 271-274 | Guajiro                       |
| 233     | CHILEAN            | 275     | DOMINICAN                     |
| 233     | Chile              | 275     | Dominican Republic            |
|         |                    | 275     | Dominicana                    |
|         |                    | 275     | Santo Domingo                 |
| 234     | COLOMBIAN          |         |                               |
| 234     | Antiochio          |         |                               |
| 234     | Colombia           | 276-290 | HISPANIC                      |
|         |                    | 276-290 | Hispano                       |
| 235     | ECUADORIAN         |         |                               |
| 235     | Ecuador            | 291-299 | SPANISH                       |
| 235     | Galapagos Islander | 292     | CALIFORNIO                    |
|         |                    | 293     | TEJANO                        |
| 236     | PARAGUAYAN         | 293     | Tejana                        |
| 236     | Paraguay           | 294     | NUEVO MEXICANO                |
|         |                    | 295-299 | SPANISH AMERICAN              |
| 237     | PERUVIAN           |         |                               |
| 237     | Peru               | 300-359 | WEST INDIES (EXCEPT HISPANIC) |
| 238     | URUGUAYAN          |         |                               |
| 238     | Uruguay            | 300     | BAHAMIAN                      |
|         |                    | 300     | Bahamas                       |
| 239     | VENEZUELAN         |         |                               |
| 239     | Venezuela          | 301     | BARBADIAN                     |
|         |                    | 301     | Barbados                      |
| 240-248 | CRIOLLO            |         |                               |
| 240-248 | Criolla            | 302     | BELIZEAN                      |
|         |                    | 302     | Belize                        |
| 249     | SOUTH AMERICAN     | 302     | British Honduran              |
| 249     | America Del Sur    |         |                               |
| 249     | Sudamerica         | 303     | BERMUDAN                      |
|         |                    | 303     | Bermuda                       |
| 250-260 | LATIN AMERICAN     |         |                               |
| 250     | LATIN AMERICAN     | 304-307 | CAYMAN ISLANDER               |
| 250     | America Latina     |         |                               |
| 250     | Latinoamericana    | 308-309 | JAMAICAN                      |
| 251     | LATIN              | 308-309 | Jamaica                       |
| 252-260 | LATINO             |         |                               |
| 261-270 | PUERTO RICAN       | 310-313 | DUTCH WEST INDIES             |
| 261     | Boricua            | 310     | DUTCH WEST INDIES             |
|         |                    | 310     | Black Dutch                   |

|         |                           |         |   |
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| 310     | Netherlands Antilles      | 328     | DOMINICA ISLANDER                           |
| 311     | ARUBA ISLANDER            | 329     | GRENADIAN                                   |
| 311     | Bonaire Islander          | 329     | Grenada Islander                            |
| 311     | Curacao Islander          | 330     | VINCENT-GRENADINE ISLANDER                  |
| 312-313 | ST. MAARTEN ISLANDER      |         | St. Vincent Island                          |
| 312     | Saba Islander             | 330     | Vincentian                                  |
| 312-313 | St. Eustatius Islander    | 330     | Grenadines Islander                         |
|         |                           | 331     | ST. LUCIA ISLANDER                          |
| 314-316 | TRINIDADIAN TOBAGONIAN    | 332-334 | FRENCH WEST INDIES                          |
| 314     | TRINIDADIAN TOBAGONIAN    | 332     | FRENCH WEST INDIES                          |
|         |                           | 332     | French West Indian                          |
| 315     | TRINIDADIAN               | 333     | GUADELOUPE ISLANDER                         |
| 316     | TOBAGONIAN                | 333     | Martinicoids                                |
|         |                           | 333     | Martinique Islander                         |
| 317-320 | U.S. VIRGIN ISLANDER      | 334     | CAYENNE                                     |
|         |                           | 334     | French Guiana                               |
| 317     | U.S. VIRGIN ISLANDER      | 334     | French Guianese                             |
|         |                           | 334     | Guyane                                      |
| 318     | ST. CROIX ISLANDER        |         |   |
| 318     | Crucian                   | 335     | WEST INDIAN                                 |
| 318     | Santa Cruz                | 335     | West Indies                                 |
| 319     | ST. JOHN ISLANDER         | 335     | Arawak                                      |
| 320     | ST. THOMAS ISLANDER       | 335     | Caribs                                      |
|         |                           | 335     | Caribbean                                   |
| 321-331 | BRITISH WEST INDIES       | 335     | Garifuna                                    |
| 321     | BRITISH VIRGIN ISLANDER   | 336-359 | HAITIAN                                     |
|         |                           | 336-359 | Haiti                                       |
| 321     | Tortolan                  |         |   |
| 321     | Virgin Gorda              |         |   |
| 321     | Anegada                   | 360-399 | CENTRAL AND SOUTH AMERICA (EXCEPT HISPANIC) |
| 321     | Jost Van Dyke             |         |   |
| 321     | Peter and Norman          |         |   |
| 322     | BRITISH WEST INDIAN       |         |   |
| 322     | British West Indies       | 360-364 | BRAZILIAN                                   |
| 323     | TURKS AND CAICOS ISLANDER | 360-364 | Brazil                                      |
| 324     | ANGUILLA ISLANDER         | 365-369 | SAN ANDRES                                  |
| 325     | ANTIGUA AND BARBUDA       |         |   |
| 325     | Antigua                   | 370-374 | GUYANESE                                    |
| 325     | Barbuda                   | 370     | British Guiana                              |
| 325     | Redonda Islander          | 370-374 | Guyana                                      |
| 326     | MONTSERRAT ISLANDER       |         |   |
| 327     | KITTS-NEVIS ISLANDER      | 375-379 | PROVIDENCIA                                 |
| 327     | St. Christophher Islander |         |   |
|         |                           | 380-399 | SURINAM                                     |
| 327     | Sombrero Islander         | 380     | Dutch Guiana                                |
| 327     | St. Kitts                 | 380-399 | Netherlands Guiana                          |
| 327     | Nevis                     |         |   |

|         |                                    |                       |  |
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| 400-499 | NORTH AFRICA AND<br>SOUTHWEST ASIA | 421<br>421<br>422     | Hashemite<br>Jordan<br>TRANSJORDAN             |
| 400-401 | ALGERIAN                           |                       |  |
| 400-401 | Algeria                            | 423-424<br>423-424    | KUWAITI<br>Kuwait                              |
| 402-403 | EGYPTIAN                           |                       |  |
| 402     | Copt                               | 425-426               | LEBANESE                                       |
| 402     | Egypt                              | 425                   | Lebanon  |
| 402-403 | Fellahin                           | 425-426               | Maronite                                       |
| 404-405 | LIBYAN                             | 427-428               | SAUDI ARABIAN                                  |
| 404-405 | Libya                              | 427-428               | Saudi Arabia                                   |
| 406-407 | MOROCCAN                           | 429-430               | SYRIAN   |
| 406     | MOROCCAN                           | 429                   | Djebel Druze                                   |
| 406     | Moor                               | 429                   | Latakia  |
| 407     | IFNI                               | 429-430               | Syria  |
| 408-410 | TUNISIAN                           | 431-433               | ARMENIAN                                       |
| 408-410 | Tunisia                            | 431-433               | Armenia  |
| 411     | NORTH AFRICAN                      | 434<br>434            | TURKISH<br>Turkey                              |
| 412     | ALHUCEMAS                          |                       |  |
| 412     | Ceuta                              | 435                   | YEMENI   |
| 412     | Chafarinas                         | 435                   | Yemen Arab Republic                            |
| 412     | Melilla                            |                       |  |
| 413     | BERBER                             | 436-441<br>436<br>437 | OMANI<br>OMANI<br>MUSCAT                       |
| 414     | RIO DE ORO                         | 438                   | TRUCIAL STATES                                 |
| 414     | Sagua El Hamra                     | 438                   | Trucial Oman                                   |
| 415     | BAHRAINI                           | 439-440               | QATAR  |
| 415     | Bahrain                            | 441                   | BEDOUIN  |
| 416     | IRANIAN                            | 442-464               | KURDISH  |
| 416     | Iran                               | 442-443               | KURDISH  |
| 416     | Parsi                              | 444-464               | KURIA MURIA ISLANDER                           |
| 416     | Persia                             |                       |  |
| 417-418 | IRAQI                              | 465-469               | PALESTINIAN                                    |
| 417-418 | Iraq                               | 465<br>466<br>467-469 | PALESTINIAN<br>GAZA STRIP<br>WEST BANK         |
| 419-420 | ISRAELI                            | 470-479               | SOUTH YEMEN                                    |
| 419-420 | Israel                             | 470<br>470            | SOUTH YEMEN<br>Democratic Republic<br>of Yemen |
| 421-422 | JORDANIAN                          |                       |  |
| 421     | JORDANIAN                          | 471-479               | ADEN   |



|         |                      |         |                      |
|---------|----------------------|---------|----------------------|
| 480-481 | UNITED ARAB EMIRATES | 510-511 | CAPE VERDEAN         |
| 480     | Abu Dhabi            | 510     | Brava                |
| 480     | Ajman                | 510-511 | Cape Verde Islander  |
| 480     | Dubai                |         |                      |
| 480     | Fujairah             | 512     | CENTRAL AFRICAN      |
| 480     | Ras Al Kaimah        |         | REPUBLIC             |
| 480     | Sharjah              | 512     | Ubangi Shari         |
| 480-481 | Umm Al Qaiwain       |         |                      |
| 482-489 | ASSYRIAN             | 513-514 | CHADIAN              |
| 482     | Aramean              | 513-514 | Chad                 |
| 482     | Assyria              | 515-518 | CONGOLESE            |
| 482     | Chaldean             | 515     | CONGOLESE            |
| 482     | Chaldo               | 516-518 | CONGO BRAZZAVILLE    |
| 482     | Jacobite             |         |                      |
| 482     | Kaldany              | 519     | DJIBOUTI             |
| 482     | Kaldu                | 519     | Afars And Issas      |
| 482     | Kasddem              | 519     | Jibuti               |
| 482     | Kasdu                |         |                      |
| 482     | Nestorian            | 520-521 | EQUATORIAL GUINEA    |
| 482-489 | Telkeffee            | 520     | EQUATORIAL GUINEA    |
|         |                      | 520     | Rio Muni             |
| 490-494 | MIDEAST              | 521     | CORSICO ISLANDER     |
| 490-494 | Middle Eastern       | 521     | Annobon Islander     |
|         |                      | 521     | Bioko Islander       |
| 495-499 | ARAB                 | 521     | Elobeis Islander     |
| 495     | ARAB                 | 521     | Fernando Po Islander |
| 495     | Arabia               |         |                      |
| 496-499 | ARABIC               | 522-524 | ETHIOPIAN            |
|         |                      | 522     | ETHIOPIAN            |
| 500-599 | SUBSAHARAN AFRICA    | 522     | Abyssinia            |
|         |                      | 522     | Ethiopia             |
| 500-501 | ANGOLAN              | 523-524 | ERITREAN             |
| 500     | Angola               |         |                      |
| 500-501 | Cabinda              | 525-526 | GABONESE             |
|         |                      | 525-526 | Gabon                |
| 502-503 | BENIN                |         |                      |
| 502     | Dahomey              | 527-528 | GAMBIAN              |
| 502-503 | Fon                  | 527-528 | Gambia               |
| 504-505 | BOTSWANA             | 529     | GHANIAN              |
| 504-505 | Bechuana             | 529     | Ashanti              |
|         |                      | 529     | Ghana                |
| 506-507 | BURUNDIAN            | 529     | Gold Coast           |
| 506-507 | Urundi               | 529     | TWI                  |
| 508-509 | CAMEROONIAN          | 530     | GUINEAN              |
| 508     | Cameroon             | 530     | Guinea               |
| 508-509 | Fako                 |         |                      |

|         |               |         |                   |
|---------|---------------|---------|-------------------|
| 531     | GUINEA BISSAU | 566-567 | SIERRA LEONEAN    |
|         |               | 566-567 | Sierra Leone      |
| 532-533 | IVORY COAST   |         |                   |
| 534-537 | KENYAN        | 568     | SOMALIAN          |
| 534-537 | Kenya         | 568     | Somali Republic   |
|         |               | 568     | Somalia           |
| 538-540 | LESOTHO       | 569     | SWAZILAND         |
| 538-540 | Basuto        |         |                   |
| 541-542 | LIBERIAN      | 570-573 | SOUTH AFRICAN     |
| 541-542 | Liberia       | 570     | SOUTH AFRICAN     |
|         |               | 571     | UNION OF SOUTH    |
|         |               |         | AFRICA            |
| 543-544 | MADAGASCAN    | 571     | Orange Free State |
| 543-544 | Madagascar    | 571     | Pretoria          |
|         |               | 571     | Transkei          |
| 545     | MALAWIAN      | 571     | Transvaal         |
| 545     | Malawi        | 572     | AFRIKANER         |
|         |               | 572     | Boer              |
| 546     | MALIAN        | 573     | NATALIAN          |
| 546     | Mali          |         |                   |
| 547-548 | MAURITANIAN   | 574-575 | ZULU              |
| 547-548 | Mauritania    | 574-575 | Zululand          |
|         |               |         |                   |
| 549     | MOZAMBICAN    | 576-581 | SUDANESE          |
| 549     | Mozambique    | 576     | SUDANESE          |
|         |               | 576     | Sudan             |
|         |               | 577     | DINKA             |
| 550     | NAMIBIAN      | 578     | NUER              |
| 550     | Namibia       | 579     | FUR               |
|         |               | 579     | Darfur            |
| 551-552 | NIGER         | 580-581 | BAGGARA           |
|         |               |         |                   |
| 553-560 | NIGERIAN      | 582-585 | TANZANIAN         |
| 553     | NIGERIAN      | 582     | TANZANIAN         |
| 553     | Nigeria       | 582     | Tanzania          |
| 554     | FULAH         | 583     | TANGANYIKAN       |
| 554     | Fulani        | 584-585 | ZANZIBAR ISLANDER |
| 555     | HAUSA         |         |                   |
| 556     | IBO           | 586-587 | TOGO              |
| 557     | TIV           | 586-587 | Togoland          |
| 558-560 | YORUBA        |         |                   |
|         |               |         |                   |
| 561-563 | RWANDAN       | 588     | UGANDAN           |
| 561-563 | Rwanda        | 588     | Lugbara           |
|         |               | 588     | Uganda            |
| 564-565 | SENEGALESE    | 589-590 | UPPER VOLTAN      |
| 564     | Dakar         | 589     | UPPER VOLTAN      |
| 564-565 | Senegal       | 590     | VOLTA             |

|         |                                       |         |                  |
|---------|---------------------------------------|---------|------------------|
| 591     | ZAIRIAN                               | 603-606 | BANGLADESHI      |
| 591     | Belgian Congo                         | 603     | Bangladesh       |
| 591     | Congo Kinshasa                        | 603-606 | East Pakistan    |
| 591     | Zaire                                 |         |                  |
|         |                                       | 607-608 | BHUTANESE        |
| 592     | ZAMBIAN                               | 607-608 | Bhotan           |
| 592     | Zambia                                |         |                  |
|         |                                       | 609-614 | NEPALI           |
| 593     | ZIMBABWEAN                            | 609-614 | Nepal            |
| 593     | Rhodesia                              |         |                  |
| 593     | Zimbabwe                              |         |                  |
|         |                                       | 615-679 | ASIAN INDIAN     |
|         |                                       | 615     | ASIAN INDIAN     |
| 594-595 | AFRICA ISLANDS<br>(EXCEPT MADAGASCAR) | 615     | Behar            |
| 594     | AFRICA ISLANDS                        | 615     | Dravidian        |
| 594     | Comoros Islander                      | 615     | Hindu            |
| 594     | Principe Islander                     | 615     | Indo Aryan       |
| 594     | Reunion Islander                      | 615     | Sikh             |
| 594     | Sao Tome Islander                     | 616-617 | KASHMIR          |
| 594     | Seychelles Islander                   | 618-619 | BENGALI          |
| 594     | St. Helena Islander                   | 620-621 | EAST INDIAN      |
| 594     | St. Pierre Islander                   | 622     | ANDAMAN ISLANDER |
| 594     | Tristan De Cunha<br>Islander          | 622-623 | Nocobar Islander |
| 595     | MAURITIAN                             | 624-625 | ANDHRA PRADESH   |
| 595     | Mauritius Islander                    | 626-627 | ASSAMESE         |
|         |                                       | 628-629 | GOANESE          |
|         |                                       | 630-631 | GUJARATI         |
|         |                                       | 632-633 | KARNATAKAN       |
| 596-599 | SUBSAHARAN AFRICAN,<br>N.E.C.         | 634-635 | KERALAN          |
| 596     | CENTRAL AFRICAN                       | 636-637 | MADHYA PRADESH   |
| 596     | Central Africa                        | 638-639 | MAHARASHTRAN     |
| 596     | Middle Congo                          | 640-641 | MADRAS           |
| 597     | EAST AFRICAN                          | 642-643 | MYSORE           |
| 597     | East Africa                           | 644-645 | NAGALAND         |
| 597     | Galla                                 | 646-647 | ORISSA           |
| 597     | Kikuyu                                | 648-649 | PONDICHERRY      |
| 597     | Masai                                 | 650-651 | PUNJAB           |
| 598     | WEST AFRICAN                          | 652-653 | RAJASTHAN        |
| 598     | West Africa                           | 654-655 | SIKKIM           |
| 599     | AFRICAN                               | 656-657 | TAMIL NADU       |
| 599     | Africa                                | 658-674 | UTTAR PRADESH    |
|         |                                       | 675-679 | EAST INDIES      |
| 600-699 | SOUTH ASIA                            | 680-689 | PAKISTANI        |
|         |                                       | 680     | Jammu            |
| 600-602 | AFGHANISTAN                           | 680     | Pakistan         |
| 600     | AFGHANISTAN                           | 680     | Sind             |
| 601     | BALUCHISTAN                           | 680-689 | West Pakistan    |
| 602     | PATHAN                                |         |                  |

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|---------|---------------------|---------|-----------------------------|
| 690-694 | SRI LANKAN          | 720-729 | FILIPINO                    |
| 690     | SRI LANKAN          | 720     | Cebuanos                    |
| 690     | Ceylon              | 720     | Philippines                 |
| 690     | Sri Lanka           | 720-729 | Tagalog                     |
| 691     | SINGHALESE          |         |                             |
| 692-694 | VEDDAH              | 730-739 | INDONESIAN                  |
|         |                     | 730     | INDONESIAN                  |
| 695-699 | MALDIVIAN           | 730     | Ascension Islander          |
| 695     | Kampuchean          | 730     | Bangka                      |
| 695-699 | Maldive Islander    | 730     | Billiton                    |
|         |                     | 730     | Celebes Islander            |
| 700-799 | OTHER ASIA          | 730     | Dutch East Indian           |
|         |                     | 730     | Indonesia                   |
| 700-702 | BURMESE             | 730     | Molucca Islander            |
| 700     | BURMESE             | 730     | Portuguese Timor            |
| 700     | Cachin              | 730     | Spice Islander              |
| 700     | Karen               | 730-731 | Sulawesi Islander           |
| 700     | Mon                 | 732-733 | BORNEO                      |
| 700-701 | Palauung            | 734-735 | JAVA                        |
| 702     | SHAN                | 736-739 | SUMATRA                     |
|         |                     |         |                             |
| 703-705 | CAMBODIAN           | 740-745 | JAPANESE                    |
| 703     | CAMBODIAN           | 740     | JAPANESE                    |
| 703     | Cambodia            | 740     | Japan                       |
| 703     | Kampuchea           | 740     | Nipponese                   |
| 704-705 | KHMER               | 741     | ISSEI                       |
|         |                     | 742     | NISEI                       |
| 706-711 | CHINESE             | 743     | SANSEI                      |
| 706     | CHINESE             | 744     | YONSEI                      |
| 706     | China               | 745     | GONSEI                      |
| 706     | Jehol               |         |                             |
| 706     | Sino Chinese        | 746-747 | RYUKYU ISLANDER             |
| 706     | Yao                 | 746-747 | Northern Ryukyu<br>Islander |
| 707     | CANTONESE           |         |                             |
| 708     | MANCHURIA           |         |                             |
| 709-711 | MANDARIN            | 748-749 | OKINAWAN                    |
|         |                     | 748-749 | Okinawa                     |
|         |                     |         |                             |
| 712-713 | MONGOLIAN           |         |                             |
| 712     | Buriat              | 750-764 | KOREAN                      |
| 712-713 | Mongolia            | 750     | Chosen                      |
|         |                     | 750-764 | Korea                       |
|         |                     |         |                             |
| 714-715 | TIBETAN             |         |                             |
| 714-715 | Tibet               | 765-767 | LAOTIAN                     |
|         |                     | 765     | LAOTIAN                     |
| 716-717 | HONG KONG           | 765     | Lao                         |
| 716     | Hong Kong Chinese   | 765     | Laos                        |
| 716     | Eastern Archipelago | 766-767 | MEO                         |
| 716-717 | Riau Islander       |         |                             |
|         |                     |         |                             |
| 718-719 | MACAO               | 768-769 | HMONG                       |
|         |                     | 768     | Hmongtana                   |

|         |              |          |                      |
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| 768     | Laohmong     | 795-799  | ASIAN                |
| 768-769 | Mong         | 795      | Asia                 |
|         |              | 795-799  | Orient               |
| 770     | MALAYSIAN    |          |                      |
| 770     | Malaysia     | 800-899  | PACIFIC              |
| 770     | Sakai        |          |                      |
| 770     | Semang       | 800-802  | AUSTRALIAN           |
| 770     | Senoi        | 800      | AUSTRALIAN           |
|         |              | 800      | Australia            |
| 771-773 | NORTH BORNEO | 800      | New South Wales      |
| 771     | Brunei       | 800      | Northern Territory   |
| 771     | Sabah        | 800      | Queensland           |
| 771-773 | Sarawak      | 800      | Victoria             |
|         |              | 801      | TASMANIAN            |
| 774-775 | SINGAPOREAN  | 802      | AUSTRALIAN ABORIGINE |
| 774-775 | Singapore    |          |                      |
|         |              | 803-807  | NEW ZEALANDER        |
| 776-781 | THAI         | 803-807  | New Zealand          |
| 776     | THAI         |          |                      |
| 776     | Siam         | 808-810  | POLYNESIAN           |
| 776     | Thailand     | 808      | POLYNESIAN           |
| 777     | BLACK THAI   | 808      | Norfolk Islander     |
| 777     | Thai Dam     | 809      | KAPINGAMARANGAN      |
| 778-781 | WESTERN LAO  | 809      | Nukuoroan            |
|         |              | 810      | MAORI                |
| 782     | TAIWANESE    |          |                      |
| 782     | Taiwan       | 811-813  | HAWAIIAN             |
|         |              | 811      | HAWAIIAN             |
| 783-784 | FORMOSAN     | 811      | Mixed Hawaiian       |
| 783-784 | Formosa      | 811-812  | Native Hawaiian      |
|         |              | 813      | PART HAWAIIAN        |
| 785-789 | VIETNAMESE   |          |                      |
| 785     | VIETNAMESE   | 814, 861 | SAMOAN               |
| 785     | Anam         | 814      | SAMOAN               |
| 785     | Vietnam      | 814      | Samoa                |
| 786     | KATU         | 861      | PART-SAMOAN          |
| 787     | MA           |          |                      |
| 788-789 | MNONG        | 815      | TONGAN               |
|         |              | 815      | Tonga                |
| 790-791 | MONTAGNARD   |          |                      |
| 790-791 | Cham         | 816      | TOKELAUAN            |
|         |              | 816      | Tokelau Islander     |
| 792     | INDO CHINESE |          |                      |
| 792     | Indochina    | 817      | COOK ISLANDER        |
| 793     | EURASIAN     | 818      | TAHITIAN             |
| 793     | Indoeuropean | 818      | French Polynesia     |
|         |              | 818      | Society Islander     |
| 794     | AMERASIAN    |          |                      |

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|---------|--|---------|--------------------------|
| 819     | NIUEAN                                 | 831     | KIRIBATESE               |
|         |  | 831     | Gilbertese               |
| 820     | MICRONESIAN                            | 832-833 | NAURUAN                  |
| 820     | Micronesia Islander                    | 832     | NAURUAN                  |
| 820     | U.S. Trust Territory<br>of the Pacific | 833     | TATAWA ISLANDER          |
| 821-822 | GUAMANIAN                              | 834-839 | TINIAN                   |
| 821     | GUAMANIAN                              | 840     | MELANESIAN               |
| 821     | Guam                                   |         |                          |
| 821-822 | CHAMORRO ISLANDER                      | 841-842 | FIJIAN                   |
|         |  | 841-842 | Fiji                     |
| 823     | SAIPANESE                              | 843-844 | NEW GUINEAN              |
| 823     | Northern Marianas<br>Islander          | 843     | NEW GUINEAN              |
| 823     | Saipan Islander                        | 844     | PAPUAN                   |
| 824     | PALAUAN                                | 845     | SOLOMON ISLANDER         |
|         |  | 845     | British Solomons         |
| 825     | MARSHALLESE                            | 846     | NEW CALEDONIAN           |
| 825     | Marshall Islander                      |         |                          |
| 826     | KOSRAEAN                               | 847-849 | VANUTUAN                 |
|         |  | 847     | New Hebrides<br>Islander |
| 827     | PONAPEAN (POHNPEIAN)                   | 847-849 | Ni Vanuatu               |
| 827     | Mokilese                               |         |                          |
| 827     | Ngatikese                              |         |                          |
| 827     | Pingelapese                            | 850-859 | PACIFIC ISLANDER         |
|         |  | 850     | Campbell Islander        |
| 828     | TRUKESE (CHUUKESE)                     | 850     | Christmas Islander       |
| 828     | Hall Islander                          | 850     | Kermadec Islander        |
| 828     | Mortlockese                            | 850     | Midway Islander          |
| 828     | Namanouito                             | 850     | Phoenix Islander         |
| 828     | Pulapese                               | 850-859 | Wake Islander            |
| 828     | Pulasukese                             |         |                          |
| 828     | Pulawatese                             | 860     | PACIFIC                  |
| 828     | Tamatamian                             | 860     | Oceania                  |
| 828     | Ulul                                   |         |                          |
| 829     | YAPESE                                 | 861     | See SAMOAN<br>(code 814) |
| 830     | CAROLINIAN                             | 862     | CHAMOLINIAN              |
| 830     | Eauripikese                            |         |                          |
| 830     | Faisian                                | 863-899 | RESERVE CODE             |
| 830     | Ifalukese                              | 864     | RESERVE CODE 1           |
| 830     | Lamotrekese                            | 865     | RESERVE CODE 2           |
| 830     | Satawalese                             | 866     | RESERVE CODE 3           |
| 830     | Ulithian                               | 867     | RESERVE CODE 4           |
| 830     | Wolealan                               | 868     | RESERVE CODE 5           |

|         |                                    |         |                     |
|---------|------------------------------------|---------|---------------------|
| 869     | RESERVE CODE 6                     | 914-918 | SOUTH AMERICAN      |
| 870     | RESERVE CODE 7                     |         | INDIAN              |
| 871     | RESERVE CODE 8                     | 919     | CHEROKEE            |
| 872     | RESERVE CODE 9                     | 920     | AMERICAN INDIAN     |
| 873     | RESERVE CODE 10                    | 921     | ALEUT               |
| 874     | RESERVE CODE 11                    | 922     | ESKIMO              |
| 875     | RESERVE CODE 12                    | 923     | INUIT               |
| 876     | RESERVE CODE 13                    |         |                     |
| 877     | RESERVE CODE 14                    | 924-928 | WHITE               |
| 878     | RESERVE CODE 15                    | 924     | WHITE               |
| 879     | RESERVE CODE 16                    | 924     | Caucasian           |
| 880     | RESERVE CODE 17                    |         |                     |
| 881     | RESERVE CODE 18                    | 925     | ANGLO               |
| 882     | RESERVE CODE 19                    | 925     | Swamp Yankee        |
| 883     | RESERVE CODE 20                    | 925-926 | Wasp                |
| 884     | RESERVE CODE 21                    | 927     | APPALACHIAN         |
| 885     | RESERVE CODE 22                    | 927     | Hillbilly           |
| 886     | RESERVE CODE 23                    | 928     | ARYAN               |
| 887     | RESERVE CODE 24                    |         |                     |
| 888     | RESERVE CODE 25                    | 929     | PENNSYLVANIA GERMAN |
| 889     | RESERVE CODE 26                    | 929     | Amish               |
| 890     | RESERVE CODE 27                    | 929     | Pennsylvania Dutch  |
| 891     | RESERVE CODE 28                    | 929     | Mennonite           |
| 892     | RESERVE CODE 29                    | 929     | Hutterite           |
| 893     | RESERVE CODE 30                    |         |                     |
| 894     | RESERVE CODE 31                    | 930     | GREENLANDER         |
| 895     | RESERVE CODE 32                    |         |                     |
| 896     | RESERVE CODE 33                    | 931-934 | CANADIAN            |
| 897     | RESERVE CODE 34                    | 931     | CANADIAN            |
| 898     | RESERVE CODE 35                    | 931     | Albertan            |
| 899     | RESERVE CODE 36                    | 931     | British Columbia    |
|         |                                    | 931     | Canada              |
| 900-994 | NORTH AMERICA<br>(EXCEPT HISPANIC) | 931     | Labrador            |
|         |                                    | 931     | Manitoba            |
|         |                                    | 931     | New Brunswick       |
| 900-912 | AFRICAN AMERICAN                   | 931     | Ontario             |
| 900     | AFRO AMERICAN                      | 931     | Prince Edward       |
| 901     | AFRO                               |         | Islander            |
| 902     | AFRICAN AMERICAN                   | 931     | Saskatchewan        |
| 903     | BLACK                              | 931-932 | Yukon               |
| 904     | NEGRO                              | 933     | NEWFOUNDLAND        |
| 905     | NONWHITE                           | 934     | NOVA SCOTIA         |
| 906     | COLORED                            |         |                     |
| 906     | Bilalian                           | 935     | FRENCH CANADIAN     |
| 906     | Nigritian                          | 935     | Canadien            |
| 907     | CREOLE                             | 935     | Franco American     |
| 908-912 | MULATTO                            | 935     | Quebec              |
|         |                                    | 935     | Quebecois           |
| 913-923 | NATIVE AMERICAN                    |         |                     |
| 913     | CENTRAL AMERICAN                   | 936-938 | ACADIAN/CAJUN       |
|         | INDIAN                             | 936     | ACADIAN             |

|         |                      |         |                             |
|---------|----------------------|---------|-----------------------------|
| 936     | Acadia               | 985     | VERMONT                     |
| 937-938 | CAJUN                | 986     | VIRGINIA                    |
|         |                      | 987     | WASHINGTON                  |
| 939     | AMERICAN             | 988     | WEST VIRGINIA               |
|         |                      | 989     | WISCONSIN                   |
| 940-992 | UNITED STATES        | 990     | WYOMING                     |
| 940     | UNITED STATES        | 991-992 | GEORGIA                     |
| 941     | ALABAMA              |         |                             |
| 942     | ALASKA               | 993     | SOUTHERNER                  |
| 943     | ARIZONA              |         |                             |
| 944     | ARKANSAS             | 994     | NORTH AMERICAN              |
| 945     | CALIFORNIA           | 994     | North America               |
| 946     | COLORADO             |         |                             |
| 947     | CONNECTICUT          | 995-999 | RESIDUAL AND NO<br>RESPONSE |
| 948     | DISTRICT OF COLUMBIA |         |                             |
| 949     | DELAWARE             |         |                             |
| 950     | FLORIDA              | 995     | MIXTURE                     |
| 951     | IDAHO                | 996-997 | UNCODABLE ENTRIES           |
| 952     | ILLINOIS             | 998     | OTHER RESPONSES             |
| 953     | INDIANA              | 998     | Adventist                   |
| 954     | IOWA                 | 998     | Agnostic                    |
| 955     | KANSAS               | 998     | Apostolic                   |
| 956     | KENTUCKY             | 998     | Ashkenazim Jew              |
| 957     | LOUISIANA            | 998     | Atheist                     |
| 958     | MAINE                | 998     | Bahai                       |
| 959     | MARYLAND             | 998     | Baptist                     |
| 960     | MASSACHUSETTS        | 998     | Brethren                    |
| 961     | MICHIGAN             | 998     | Buddhist                    |
| 962     | MINNESOTA            | 998     | Catholic                    |
| 963     | MISSISSIPPI          | 998     | Christian                   |
| 964     | MISSOURI             | 998     | Christian Scientist         |
| 965     | MONTANA              | 998     | Congregationalist           |
| 966     | NEBRASKA             | 998     | Episcopal                   |
| 967     | NEVADA               | 998     | Evangelist                  |
| 968     | NEW HAMPSHIRE        | 998     | Hebrew                      |
| 969     | NEW JERSEY           | 998     | Holiness                    |
| 970     | NEW MEXICO           | 998     | Islam                       |
| 971     | NEW YORK             | 998     | Jain                        |
| 972     | NORTH CAROLINA       | 998     | Jehovahs Witnesses          |
| 973     | NORTH DAKOTA         | 998     | Jewish                      |
| 974-975 | OHIO                 | 998     | Latter Day Saints           |
| 976     | OKLAHOMA             | 998     | Lutheran                    |
| 977     | OREGON               | 998     | Methodist                   |
| 978     | PENNSYLVANIA         | 998     | Mormon                      |
| 979     | RHODE ISLAND         | 998     | Muslim                      |
| 980     | SOUTH CAROLINA       | 998     | Orthodox                    |
| 981     | SOUTH DAKOTA         | 998     | Pentecostal                 |
| 982     | TENNESSEE            | 998     | Presbyterian                |
| 983     | TEXAS                | 998     | Protestant                  |
| 984     | UTAH                 | 998     | Quaker                      |



|     |                          |
|-----|--------------------------|
| 998 | Roman Catholic           |
| 998 | Salvation Army           |
| 998 | Sephardic                |
| 998 | Seventh Day<br>Adventist |
| 998 | Shiite                   |
| 998 | Unitarian                |
| 998 | Yiddish                  |
| 998 | Zoroastrian              |
| 999 | NOT REPORTED             |



## GROUP QUARTERS

This section contains the alphabetical code list for group quarters. The group quarters code list was used by special place prelist enumerators to classify each type of group quarters. Each group quarters code is a two-digit number followed by either an "I" (institutional) or "N" (noninstitutional) suffix. The group quarters codes listed in the second column are for staff residing in group quarters.

| GQ<br>CODES | STAFF<br>RESIDENTS<br>GQ CODES |  |
|-------------|--------------------------------|--|
| 87-N        | --                             | A. COLLEGE QUARTERS OFF CAMPUS<br>(Code only if occupied by 10 or more unrelated persons. If less than 10, these are classified as a housing unit.)  |
|             |                                | B. CORRECTIONAL INSTITUTIONS   |
| 22-I        | 22-N                           | 1. Federal Detention Centers: Including Park Police, Bureau of Indian Affairs, Immigration and Naturalization Service (INS) centers, INS detention centers operated within local jails, and State and Federal prisons. INS detention centers also include INS Federal Alien Detention Facilities, INS Service Processing Centers, and INS Contract Detention Centers used to detain aliens under exclusion or deportation proceedings and aliens who require custodial departures. |
| 21-I        | 21-N                           | 2. Federal Prisons: Including criminally insane wards operated by a Federal prison within a mental or general hospital. If ward is not operated by a prison, code according to paragraph H4. For detention centers within Federal prisons, see B1 above.   |
| 23-I        | 23-N                           | 3. Halfway Houses: Operated for correctional purposes, including probation and restitution centers, prerelease centers, and community-residential treatment centers.   |

- |      |      |  |
|------|------|--|
| 27-I | 27-N | 4. Local (County City) Jails and Other Local Confinement Facilities: Including work farms used to hold persons awaiting trial or serving time on relatively short sentences (usually of a year or less), and jails run by private businesses under contract. |
| 95-I | 95-N | 5. Military Stockades, Jails   |
| 28-I | 28-N | 6. Police Lockups: Temporary-holding facilities or other facilities that hold persons only if they have not been formally charged in court (usually detained less than 48 hours).  |
| 24-I | 24-N | 7. State Prisons: Prisons run by private businesses (under contract); including criminally insane wards operated by a State prison within a mental or general hospital. If ward is not operated by a prison, code according to paragraph H4.                 |
| 20-I | 20-N | 8. Other Types of Correctional Institutions: Including private correctional facilities and correctional facilities specifically for alcohol/drug abuse. (Use only as a last resort if no other type code applies.)   |
| 91-N | --   | C. CREWS OF CIVILIAN VESSELS   |
|      |      | D. DORMITORIES   |
| 92-N | --   | 1. Agriculture Workers' Dormitories on Farms: Including migratory farm workers' camps on farms, bunkhouses for ranch hands, and other dormitories on farms including those on "tree farms."  |
| 87-N | --   | 2. College Student Dormitories, and Fraternity and Sorority Houses (on campus): Including residential quarters for those in religious orders.  |
| 86-N | --   | 3. Dormitories for Nurses and Interns in General and Military Hospitals  |

- 97-N -- 4. Military Quarters on Base: Including barracks, bachelor officers quarters, unaccompanied officer personnel housing, unaccompanied enlisted personnel housing, and similar noninstitutional group living quarters for military personnel.
- 93-N -- 5. Other Workers' Dormitories: Including logging camps, construction workers' camps, firehouse dormitories, job-training camps, energy enclave (Alaska only), Alaskan pipeline camps, nonfarm migratory workers' camps, such as workers who lay oil and gas pipelines.
6. Runaway, Neglected, and Homeless Children: Including emergency shelters/group homes which provide temporary sleeping facilities for juveniles, see paragraph F2.
- E. ELDERLY: Skilled nursing facilities, intermediate care facilities, long-term care rooms in wards or buildings on the grounds of hospitals, nursing, convalescent, and rest homes including soldiers', sailors', veterans', and fraternal or religious homes for the aged, with or without nursing care.
- NOTE: Do not include dormitories for nurses' and interns'; see paragraph D3.
1. Public Ownership
- 62-I 62-N a. Federal ownership: Including Veterans' Administration, domiciliary homes, and U.S. Naval homes.
- 63-I 63-N b. State ownership
- 64-I 64-N c. County or city ownership
- 65-I 65-N d. Don't know if Federal, State, or county-city ownership (Use only as a last resort if no other type code applies.)
2. Private Ownership
- 66-I 66-N a. Private not-for-profit

- |   |      |   |
|---|------|---|
| 67-I  | 67-N | b. Private for profit   |
| 60-I  | 60-N | c. Don't know if for profit or not (Use only as a last resort if no other type code applies.)   |
| 61-I  | 61-N | 3. Don't Know if Federal, State, Local, or Private Ownership (Use only as a last resort if no other type code applies.)   |
| F. EMERGENCY SHELTER/STREET NIGHT ENUMERATION ("S-NIGHT") |      |   |
| 82-N  | --   | 1. Shelters for the Homeless with Sleeping Facilities: Including emergency housing, missions and flophouses, Salvation Army shelters, hotels and motels charging \$12 or less a night (excluding taxes), hotels and motels used entirely for homeless persons, the group of rooms in hotels and motels used partially for the homeless, and similar places known to have persons with no usual home elsewhere who stay overnight. |
| 83-N  | --   | 2. Runaway, Neglected, and Homeless Children: Including emergency shelters/group homes which provide temporary sleeping facilities for juveniles.   |
|   |      | 3. Street Enumeration - Predesignated Sites   |
| 84-N  | --   | a. Nonstructure locations, other than commerce places: Including street corners, parks, bridges, abandoned and boarded-up buildings, noncommercial campsites ("tent cities"), and similar sites.  |
| 85-N  | --   | b. Commerce places: Including railroad stations, airports, bus depots, subway stations, all-night movie theaters, all-night restaurants, emergency hospital waiting rooms, and other similar predesignated sites.   |
| 75-N  | --   | 4. Shelters for Abused Women (Shelters against domestic violence)   |

G. GROUP HOMES: Including those providing community-based care and supportive services such as halfway houses for the groups listed below. (Code only if occupied by 10 or more unrelated persons. If less than 10, these are classified as a housing unit.)

- |      |    |   |
|------|----|---|
| 76-N | -- | 1. Drug/Alcohol Abuse: Including group homes, detoxification centers, quarterway houses such as residential treatment facilities that work closely with an accredited hospital, halfway houses, recovery homes for ambulatory, and mentally competent recovering alcoholics who may be re-entering the work force. (Ask usual home elsewhere in these places. Include as living there only persons who have no usual home elsewhere.) |
| 29-N | -- | 2. Maternity (Homes for unwed mothers) (Ask usual home elsewhere in these places. Include as living there only persons who have no usual home elsewhere.)   |
|      |    | 3. Mentally Ill   |
| 16-N | -- | a. Federal  |
| 17-N | -- | b. State  |
| 18-N | -- | c. Private  |
| 19-N | -- | d. Don't know if public/private ownership (Use only as a last resort if no other type code applies.)  |
|      |    | 4. Mentally Retarded  |
| 56-N | -- | a. Federal  |
| 57-N | -- | b. State  |
| 58-N | -- | c. Private  |
| 59-N | -- | d. Don't know if public/private ownership (Use only as a last resort if no other type code applies.)  |

## 5. Physically Handicapped

- 72-N -- a. Public ownership
- 73-N -- b. Private ownership
- 74-N -- c. Don't know if public/private ownership  
(Use only as a last resort if no other  
type code applies.)
6. Runaway, Neglected, and Homeless Children:  
Including emergency shelters/group homes  
which provide temporary sleeping facilities  
for juveniles, see paragraph F2.
- 79-N -- 7. Other Group Homes: Including communes,  
foster care homes and job corps centers  
with 10 or more unrelated children. Do  
not include emergency housing for persons  
with no other home. See paragraph F1.  
(Use only as a last resort if no other  
type code applies.)

## H. HOSPITALS/SCHOOLS FOR THE HANDICAPPED

- 86-N -- 1. Dormitories for Nurses and Interns in  
General and Military Hospitals
- 70-I 70-N 2. Drug/Alcohol Abuse: Including hospitals,  
and hospital wards in psychiatric and  
general hospitals. These facilities/wards  
are in a medical setting equipped and  
designed for the diagnosis and treatment  
of medical or psychiatric illnesses  
associated with alcohol or drug abuse.  
Patients receive supervised medical/  
nursing care from a formally trained  
staff. For group homes, see paragraph G.
3. Hospitals for Chronically Ill
- 54-I 86-N a. Military hospitals or wards for  
chronically ill
- 55-I 86-N b. Other hospitals or wards for chronically  
ill: Including tuberculosis hospitals  
or wards, wards in general and  
Veterans' Administration hospitals for



the chronically ill, neurological wards, hospices; wards for patients with Hansen's Disease (leprosy) and other incurable diseases; and other unspecified wards for the chronically ill. Do not include mental or alcohol/drug abuse hospitals or wards.

4. Mentally Ill (Psychiatric): Hospitals or wards, including wards for the criminally insane not operated by a prison and psychiatric wards of general hospitals and veterans' hospitals. This is a medical setting designed for the treatment of mental illness. Patients receive supervised and medical/nursing care from a formally trained staff. Code wards for the mentally retarded according to paragraph H5. Do not include hospitals or wards for alcohol/drug abuse; see paragraph H2.

- |      |      |   |
|------|------|---|
| 46-I | 46-N | a. Federal ownership  |
| 47-I | 47-N | b. State or local ownership   |
| 48-I | 48-N | c. Private ownership  |
| 45-I | 45-N | d. Don't know if Federal, State, local, or private ownership (Use only as a last resort if no other type code applies.) |

5. Mentally Retarded: Schools, hospitals, wards, including wards in hospitals for the mentally ill, and intermediate care facilities for the mentally retarded. This is in a suitably-equipped setting and with supervised and medical/nursing care from a formally trained staff.

- |      |      |   |
|------|------|---|
| 41-I | 41-N | a. Federal ownership  |
| 43-I | 43-N | b. State or local ownership   |
| 42-I | 42-N | c. Private ownership  |
| 40-I | 40-N | d. Don't know if Federal, State, local, or private ownership (Use only as a last resort if no other type code applies.) |

6. Physically Handicapped: Including schools, hospitals, or wards in a suitably-equipped medical setting and designed primarily for the physically handicapped who receive supervised care and medical/nursing care from a formally trained staff.
- a. Institutions for the deaf
- |      |      |   |
|------|------|---|
| 38-I | 38-N | (1) Public ownership  |
| 39-I | 39-N | (2) Private ownership   |
| 37-I | 37-N | (3) Don't know if public/private ownership (Use only as a last resort if no other type code applies.) |
- b. Institutions for the blind
- |      |      |   |
|------|------|---|
| 35-I | 35-N | (1) Public ownership  |
| 36-I | 36-N | (2) Private ownership   |
| 34-I | 34-N | (3) Don't know if public/private ownership (Use only as a last resort if no other type code applies.) |
- c. Orthopedic wards and institutions for physically handicapped: Including accident victims, and persons with polio, cerebral palsy, and muscular dystrophy.
- |      |      |   |
|------|------|---|
| 32-I | 32-N | (1) Public ownership  |
| 33-I | 33-N | (2) Private ownership   |
| 31-I | 31-N | (3) Don't know if public/private ownership (Use only as a last resort if no other type code applies.) |
- 53-I      86-N      7. Wards in General and Military Hospitals for Patients Who Have No Usual Home Elsewhere: Including maternity, neonatal, pediatric (including wards for boarder babies), military, surgical wards, and

other purpose wards of hospitals and wards for infectious diseases.

Note: Do not include long-term care rooms for the elderly in wards or buildings on the grounds of hospitals, see paragraph E.

- I. HOTELS/MOTELS: "S-Night" locations, see paragraph F.
- J. JUVENILE INSTITUTIONS: Including homes, schools, and hospitals.
  - 1. Long-Term Care (length of stay usually more than 30 days)
    - a. Neglected, abused, and dependent children: Including orphanages, homes, or residential care.
      - 03-I      03-N                      (1) Public ownership
      - 04-I      04-N                      (2) Private ownership
      - 02-I      02-N                      (3) Don't know if public/private ownership (Use only as a last resort if no other type code applies.)
    - b. Emotionally disturbed children: Including residential treatment centers (psychiatric care provided).
    - c. Delinquent children: Placed by court, parents, or social service agency, in residential training school or home, including industrial schools, camps, or farms.
      - 12-I      12-N                      (1) Public ownership: Committed by courts.
      - 15-I      15-N                      (2) Private ownership: Some are committed by courts, others are referred by parents or social service agencies because of delinquent behavior.

- |      |      |   |
|------|------|---|
| 11-I | 11-N | (3) Don't know if public/private ownership (Use only as a last resort if no other type code applies.)   |
|      |      | 2. Short-term (length of stay usually 30 days or less)  |
| 10-I | 10-N | a. Delinquent children: Including those receiving temporary care in detention or diagnostic centers pending court disposition of case.                              |
|      |      | b. Runaway, neglected, and homeless children: Including emergency shelters/group homes which provide temporary sleeping facilities for juveniles, see paragraph F2. |
| 01-I | 01-N | 3. Don't Know Type of Juvenile Institution: Including homes, schools, hospitals, or wards for children. (Use only as a last resort if no other type code applies.)  |

## K. MILITARY QUARTERS

- |      |      |   |
|------|------|---|
|      |      | 1. On Base  |
| 97-N | --   | a. Barracks, bachelor officers quarters, unaccompanied officer personnel housing, unaccompanied enlisted personnel housing, and similar noninstitutional group living quarters for military personnel |
| 96-N | --   | b. Transient quarters (noninstitutional) for temporary residents (military or civilian)   |
| 86-N | --   | c. Dormitories for nurses and interns in general military hospitals   |
| 54-I | 86-N | d. Hospitals or wards for chronically ill   |
| 95-I | 95-N | e. Stockades and jails  |
| 98-N | --   | 2. Military Ships   |
| 90-N | --   | L. NATURAL DISASTER: Including those temporarily displaced by a natural disaster, such as "Hurricane Hugo."   |

- 89-N      --      M. RELIGIOUS GROUP QUARTERS: Including convents, monasteries, and rectories. Members of religious orders who live in a dormitory at a hospital or college were classified according to the type of place where they live, such as 86-N if at a general hospital, or 87-N if at a college. (Code only if occupied by 10 or more unrelated persons. If less than 10, these are classified as a housing unit.)
- 80-N      --      N. ROOMING AND BOARDING HOUSES  
(Code only if occupied by 10 or more unrelated persons. If less than 10, these are classified as a housing unit.)
- O. SCHOOLS FOR THE HANDICAPPED: See paragraphs H5 and H6.
- P. SHELTER/STREET NIGHT ENUMERATION  
("S-NIGHT"): See paragraph F.
- 94-N      --      Q. OTHER NONHOUSEHOLD LIVING SITUATIONS:  
Including places not covered by other GQ codes shown herein, such as commercial or public campgrounds, campgrounds at racetracks, fairs, and carnivals, hostels, and similar transient sites. (Ask usual home elsewhere in these places. Include as living there only persons who have no usual home elsewhere.)
- R. STAFF OF INSTITUTIONS: Including staff personnel residing in group quarters. Code according to the appropriate type of group quarters shown under the column "Staff residents GQ codes." Staff residents are coded with an "N" suffix.

Note: Do not assign GQ codes to staff residents in group quarters where a "--" is shown.



## HISPANIC ORIGIN

This section contains the code list used to code write-in entries for the Hispanic origin question. A set of three-digit numerical codes was used to identify FOSDIC circles for the Hispanic origin origin item on the questionnaire. These codes and their respective Hispanic origin categories are: Not Spanish/Hispanic-001, Mexican-002, Puerto Rican-003, Cuban-004, and Other Spanish/Hispanic-005. For sample (long-form) questionnaires, a separate set of three-digit numerical codes was used to code write-in entries provided by respondents to the "Yes, other Spanish/Hispanic" category of the Hispanic origin item. The list of origins with their associated three-digit codes is shown below. "n.e.c." is the abbreviation for not elsewhere classified.

|                     |  |
|---------------------|--|
| 000-001,<br>006-199 | NOT SPANISH/HISPANIC   |
| 000-001<br>006-199  | Not Spanish/Hispanic (FOSDIC circle)<br>Not Spanish/Hispanic |
| 200-209             | SPANIARD   |
| 200                 | Spaniard   |
| 201                 | Andalusian   |
| 202                 | Asturian   |
| 203                 | Castillian   |
| 204                 | Catalonian   |
| 205                 | Balearic Islander  |
| 206                 | Gallego  |
| 207                 | Valencian  |
| 208                 | Canarian   |
| 209                 | Spanish Basque   |
| 002, 210-<br>220    | MEXICAN  |
| 002                 | Mexican (FOSDIC circle)                                      |
| 210                 | Mexican  |
| 211                 | Mexican American   |
| 212                 | Mexicano   |
| 213                 | Chicano  |
| 214                 | La Raza  |
| 215                 | Mexican American Indian                                      |
| 216                 | Reserve Spanish/Hispanic 1                                   |
| 217                 | Reserve Spanish/Hispanic 2                                   |
| 218                 | Mexico   |
| 219                 | Reserve Spanish/Hispanic 3                                   |
| 220                 | Reserve Spanish/Hispanic 4                                   |

|         |                             |
|---------|-----------------------------|
| 221-230 | CENTRAL AMERICAN            |
| 221     | Costa Rican                 |
| 222     | Guatemalan                  |
| 223     | Honduran                    |
| 224     | Nicaraguan                  |
| 225     | Panamanian                  |
| 226     | Salvadoran                  |
| 227     | Central American            |
| 228     | Central American Indian     |
| 229     | Canal Zone                  |
| 230     | Reserve Spanish/Hispanic 5  |
| 231-249 | SOUTH AMERICAN              |
| 231     | Argentinean                 |
| 232     | Bolivian                    |
| 233     | Chilean                     |
| 234     | Colombian                   |
| 235     | Ecuadorian                  |
| 236     | Paraguayan                  |
| 237     | Peruvian                    |
| 238     | Uruguayan                   |
| 239     | Venezuelan                  |
| 240     | Reserve Spanish/Hispanic 6  |
| 241     | Reserve Spanish/Hispanic 7  |
| 242     | Reserve Spanish/Hispanic 8  |
| 243     | Reserve Spanish/Hispanic 9  |
| 244     | Reserve Spanish/Hispanic 10 |
| 245     | Reserve Spanish/Hispanic 11 |
| 246     | Reserve Spanish/Hispanic 12 |
| 247     | South American Indian       |
| 248     | Criollo                     |
| 249     | South American              |
| 250-260 | LATIN AMERICAN              |
| 250     | Latin American              |
| 251     | Latin                       |
| 252     | Latino                      |
| 253     | Reserve Spanish/Hispanic 13 |
| 254     | Reserve Spanish/Hispanic 14 |
| 255     | Reserve Spanish/Hispanic 15 |
| 256     | Reserve Spanish/Hispanic 16 |
| 257     | Reserve Spanish/Hispanic 17 |
| 258     | Reserve Spanish/Hispanic 18 |
| 259     | Reserve Spanish/Hispanic 19 |
| 260     | Reserve Spanish/Hispanic 20 |



|                  |                              |
|------------------|------------------------------|
| 003, 261-<br>270 | PUERTO RICAN                 |
| 003              | Puerto Rican (FOSDIC circle) |
| 261              | Puerto Rican                 |
| 262              | Reserve Spanish/Hispanic 21  |
| 263              | Reserve Spanish/Hispanic 22  |
| 264              | Reserve Spanish/Hispanic 23  |
| 265              | Reserve Spanish/Hispanic 24  |
| 266              | Reserve Spanish/Hispanic 25  |
| 267              | Reserve Spanish/Hispanic 26  |
| 268              | Reserve Spanish/Hispanic 27  |
| 269              | Reserve Spanish/Hispanic 28  |
| 270              | Reserve Spanish/Hispanic 29  |
| 004, 271-<br>274 | CUBAN                        |
| 004              | Cuban (FOSDIC circle)        |
| 271              | Cuban                        |
| 272              | Reserve Spanish/Hispanic 30  |
| 273              | Reserve Spanish/Hispanic 31  |
| 274              | Reserve Spanish/Hispanic 32  |
| 275-289          | DOMINICAN                    |
| 275              | Dominican                    |
| 276              | Reserve Spanish/Hispanic 33  |
| 277              | Reserve Spanish/Hispanic 34  |
| 278              | Reserve Spanish/Hispanic 35  |
| 279              | Reserve Spanish/Hispanic 36  |
| 280              | Reserve Spanish/Hispanic 37  |
| 281              | Reserve Spanish/Hispanic 38  |
| 282              | Reserve Spanish/Hispanic 39  |
| 283              | Reserve Spanish/Hispanic 40  |
| 284              | Reserve Spanish/Hispanic 41  |
| 285              | Reserve Spanish/Hispanic 42  |
| 286              | Reserve Spanish/Hispanic 43  |
| 287              | Reserve Spanish/Hispanic 44  |
| 288              | Reserve Spanish/Hispanic 45  |
| 289              | Reserve Spanish/Hispanic 46  |

|                 |  |
|-----------------|--|
| 005,290-<br>999 | OTHER SPANISH/HISPANIC                 |
| 005             | Other Spanish/Hispanic (FOSDIC circle) |
| 290             | Hispanic                               |
| 291             | Spanish                                |
| 292             | Californio                             |
| 293             | Tejano                                 |
| 294             | Nuevo Mexicano                         |
| 295             | Spanish American                       |
| 296             | Spanish American Indian                |
| 297             | Meso American Indian                   |
| 298             | Mestizo                                |
| 299-999         | Other Spanish/Hispanic, n.e.c.         |

## INDUSTRY

The list presents the industrial classification developed for the 1990 Census of Population and Housing. There are 235 categories for the employed, with 1 additional category for the experienced unemployed, and 7 additional categories for the Armed Forces. These categories are aggregated into 13 major groups. The classification is developed from the 1987 Standard Industrial Classification. "n.e.c." is the abbreviation for not elsewhere classified.

|         |   |
|---------|---|
| 000-039 | AGRICULTURE, FORESTRY, AND FISHERIES                            |
| 000-010 | Agricultural production, crops (01)                             |
| 011     | Agricultural production, livestock (02)                         |
| 012     | Veterinary services (074)                                       |
| 013-020 | Landscape and horticultural services (078)                      |
| 021-030 | Agricultural services, n.e.c. (071, 072, 075, 076)              |
| 031     | Forestry (08)   |
| 032-039 | Fishing, hunting, and trapping (09)                             |
| 040-059 | MINING  |
| 040     | Metal mining (10)   |
| 041     | Coal mining (12)  |
| 042     | Oil and gas extraction (13)                                     |
| 043-059 | Nonmetallic mining and quarrying, except fuel (14)              |
| 060-099 | CONSTRUCTION (15, 16, 17)                                       |
| 100-399 | MANUFACTURING   |
| 100-229 | Nondurable Goods  |
| 100-129 | Food and kindred products                                       |
| 100     | Meat products (201)   |
| 101     | Dairy products (202)  |
| 102-109 | Canned, frozen and preserved fruits and vegetables (203)        |
| 110     | Grain mill products (204)                                       |
| 111     | Bakery products (205)   |
| 112-119 | Sugar and confectionery products (206)                          |
| 120     | Beverage industries (208)                                       |
| 121     | Miscellaneous food preparations and kindred products (207, 209) |
| 122-129 | Not specified food industries                                   |

|         |  |
|---------|--|
| 130-131 | Tobacco manufactures (21)  |
| 132-150 | Textile mill products  |
| 132-139 | Knitting mills (225)   |
| 140     | Dyeing and finishing textiles, except wool and knit goods (226)          |
| 141     | Carpets and rugs (227)   |
| 142-149 | Yarn, thread, and fabric mills (221-224, 228)                            |
| 150     | Miscellaneous textile mill products (229)                                |
| 151-159 | Apparel and other finished textile products                              |
| 151     | Apparel and accessories, except knit (231-238)                           |
| 152-159 | Miscellaneous fabricated textile products (239)                          |
| 160-170 | Paper and allied products  |
| 160     | Pulp, paper, and paperboard mills (261-263)                              |
| 161     | Miscellaneous paper and pulp products (267)                              |
| 162-170 | Paperboard containers and boxes (265)                                    |
| 171-179 | Printing, publishing, and allied industries                              |
| 171     | Newspaper publishing and printing (271)                                  |
| 172-179 | Printing, publishing, and allied industries, except newspapers (272-279) |
| 180-199 | Chemicals and allied products  |
| 180     | Plastics, synthetics, and resins (282)                                   |
| 181     | Drugs (283)  |
| 182-189 | Soaps and cosmetics (284)  |
| 190     | Paints, varnishes, and related products (285)                            |
| 191     | Agricultural chemicals (287)   |
| 192-199 | Industrial and miscellaneous chemicals (281, 286, 289)                   |
| 200-209 | Petroleum and coal products  |
| 200     | Petroleum refining (291)   |
| 201-209 | Miscellaneous petroleum and coal products (295, 299)                     |
| 210-219 | Rubber and miscellaneous plastics products                               |
| 210     | Tires and inner tubes (301)  |
| 211     | Other rubber products, and plastics footwear and belting (302-306)       |
| 212-219 | Miscellaneous plastics products (308)                                    |
| 220-229 | Leather and leather products   |
| 220     | Leather tanning and finishing (311)                                      |
| 221     | Footwear, except rubber and plastic (313, 314)                           |
| 222-229 | Leather products, except footwear (315-317, 319)                         |

230-399 Durable Goods

230-241 Lumber and wood products, except furniture  
230 Logging (241)  
231 Sawmills, planing mills, and millwork (242, 243)  
232-240 Wood buildings and mobile homes (245)  
241 Miscellaneous wood products (244, 249)

242-249 Furniture and fixtures (25)

250-269 Stone, clay, glass, and concrete products  
250 Glass and glass products (321-323)  
251 Cement, concrete, gypsum, and plaster products  
(324, 327)  
252-260 Structural clay products (325)  
261 Pottery and related products (326)  
262-269 Miscellaneous nonmetallic mineral and stone  
products (328, 329)

270-309 Metal industries  
270 Blast furnaces, steelworks, rolling and finishing  
mills (331)  
271 Iron and steel foundries (332)  
272-279 Primary aluminum industries (3334, part 334, 3353-3355,  
3363, 3365)  
280 Other primary metal industries (3331, 3339, part 334,  
3351, 3356, 3357, 3364, 3366, 3369, 339)  
281 Cutlery, handtools, and general hardware (342)  
282-289 Fabricated structural metal products (344)  
290 Screw machine products (345)  
291 Metal forgings and stampings (346)  
292-299 Ordnance (348)  
300 Miscellaneous fabricated metal products (341, 343,  
347, 349)  
301-309 Not specified metal industries

310-339 Machinery and computing equipment  
310 Engines and turbines (351)  
311 Farm machinery and equipment (352)  
312-319 Construction and material handling machines (353)  
320 Metalworking machinery (354)  
321 Office and accounting machines (3578, 3579)  
322-330 Computers and related equipment (3571-3577)  
331 Machinery, except electrical, n.e.c. (355, 356,  
358, 359)  
332-339 Not specified machinery

340-350 Electrical machinery, equipment, and supplies  
340 Household appliances (363)  
341 Radio, TV, and communication equipment (365,366)  
342-349 Electrical machinery, equipment, and supplies,  
n.e.c. (361, 362, 364, 367, 369)  
350 Not specified electrical machinery, equipment,  
and supplies

351-370 Transportation equipment  
351 Motor vehicles and motor vehicle equipment (371)  
352-359 Aircraft and parts (372)  
360 Ship and boat building and repairing (373)  
361 Railroad locomotives and equipment (374)  
362-369 Guided missiles, space vehicles, and parts (376)  
370 Cycles and miscellaneous transportation equipment  
(375, 379)

371-389 Professional and photographic equipment, and watches  
371 Scientific and controlling instruments (381, 382  
except 3827)  
372-379 Medical, dental, and optical instruments and supplies  
(3827, 384, 385)  
380 Photographic equipment and supplies (386)  
381-389 Watches, clocks, and clockwork operated devices (387)

390 Toys, amusement, and sporting goods (394)

391 Miscellaneous manufacturing industries (39 except 394)

392-399 Not specified manufacturing industries

400-499 TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES

400-439 Transportation  
400 Railroads (40)  
401 Bus service and urban transit (41, except 412)  
402-409 Taxicab service (412)  
410 Trucking service (421, 423)  
411 Warehousing and storage (422)  
412-419 U.S. Postal Service (43)  
420 Water transportation (44)  
421 Air transportation (45)  
422-431 Pipe lines, except natural gas (46)  
432-439 Services incidental to transportation (47)

440-449 Communications  
440 Radio and television broadcasting and cable (483, 484)  
441 Telephone communications (481)  
442-449 Telegraph and miscellaneous communications services  
(482, 489)

450-499 Utilities and sanitary services  
450 Electric light and power (491)  
451 Gas and steam supply systems (492, 496)  
452-469 Electric and gas, and other combinations (493)  
470 Water supply and irrigation (494, 497)  
471 Sanitary services (495)  
472-499 Not specified utilities

500-579 WHOLESALE TRADE

500-539 Durable Goods  
500 Motor vehicles and equipment (501)  
501 Furniture and home furnishings (502)  
502-509 Lumber and construction materials (503)  
510 Professional and commercial equipment and supplies (504)  
511 Metals and minerals, except petroleum (505)  
512-520 Electrical goods (506)  
521-529 Hardware, plumbing and heating supplies (507)  
530 Machinery, equipment, and supplies (508)  
531 Scrap and waste materials (5093)  
532-539 Miscellaneous wholesale, durable goods (509 except 5093)

540-579 Nondurable Goods  
540 Paper and paper products (511)  
541 Drugs, chemicals and allied products (512, 516)  
542-549 Apparel, fabrics, and notions (513)  
550 Groceries and related products (514)  
551 Farm-product raw materials (515)  
552-559 Petroleum products (517)  
560 Alcoholic beverages (518)  
561 Farm supplies (5191)  
562-570 Miscellaneous wholesale, nondurable goods (5192-5199)  
571-579 Not specified wholesale trade

580-699 RETAIL TRADE

580 Lumber and building material retailing (521, 523)  
581 Hardware stores (525)  
582-589 Retail nurseries and garden stores (526)  
590 Mobile home dealers (527)  
591 Department stores (531)  
592-599 Variety stores (533)  
600 Miscellaneous general merchandise stores (539)  
601 Grocery stores (541)  
602-609 Dairy products stores (545)  
610 Retail bakeries (546)  
611 Food stores, n.e.c. (542, 543, 544, 549)  
612-619 Motor vehicle dealers (551, 552)

620 Auto and home supply stores (553)  
621 Gasoline service stations (554)  
622 Miscellaneous vehicle dealers (555, 556, 557, 559)  
623-629 Apparel and accessory stores, except shoe (56, except 566)  
630 Shoe stores (566)  
631 Furniture and home furnishings stores (571)  
632 Household appliance stores (572)  
633-639 Radio, TV, and computer stores (5731, 5734)  
640 Music stores (5735, 5736)  
641 Eating and drinking places (58)  
642-649 Drug stores (591)  
650 Liquor stores (592)  
651 Sporting goods, bicycles, and hobby stores (5941, 5945, 5946)  
  
652-659 Book and stationery stores (5942, 5943)  
660 Jewelry stores (5944)  
661 Gift, novelty, and souvenir shops (5947)  
662 Sewing, needlework and piece goods stores (5949)  
663-669 Catalog and mail order houses (5961)  
670 Vending machine operators (5962)  
671 Direct selling establishments (5963)  
672-680 Fuel dealers (598)  
681 Retail florists (5992)  
682-690 Miscellaneous retail stores (593, 5948, 5993-5995, 5999)  
691-699 Not specified retail trade  
  
700-720 FINANCE, INSURANCE, AND REAL ESTATE  
  
700 Banking (60 except 603 and 606)  
701 Savings institutions, including credit unions (603, 606)  
702-709 Credit agencies, n.e.c. (61)  
710 Security, commodity brokerage, and investment companies (62, 67)  
711 Insurance (63, 64)  
712-720 Real estate, including real estate-insurance offices (65)  
  
721-760 BUSINESS AND REPAIR SERVICES  
  
721 Advertising (731)  
722-730 Services to dwellings and other buildings (734)  
731 Personnel supply services (736)  
732-739 Computer and data processing services (737)  
740 Detective and protective services (7381, 7382)  
741 Business services, n.e.c. (732, 733, 735, 7383-7389)  
742-749 Automotive rental and leasing, without drivers (751)  
750 Automotive parking and carwashes (752, 7542)  
751 Automotive repair and related services (753, 7549)  
752-759 Electrical repair shops (762, 7694)  
760 Miscellaneous repair services (763, 764, 7692, 7699)



761-799 PERSONAL SERVICES

761 Private households (88)  
762-769 Hotels and motels (701)  
770 Lodging places, except hotels and motels (702, 703, 704)  
771 Laundry, cleaning, and garment services (721 except part 7219)  
772-779 Beauty shops (723)  
780 Barber shops (724)  
781 Funeral service and crematories (726)  
782-789 Shoe repair shops (725)  
790 Dressmaking shops (part 7219)  
791-799 Miscellaneous personal services (722, 729)

800-811 ENTERTAINMENT AND RECREATION SERVICES

800 Theaters and motion pictures (781-783, 792)  
801 Video tape rental (784)  
802-809 Bowling centers (793)  
810-811 Miscellaneous entertainment and recreation services (791, 794, 799)

812-899 PROFESSIONAL AND RELATED SERVICES

812-819 Offices and clinics of physicians (801, 803)  
820 Offices and clinics of dentists (802)  
821 Offices and clinics of chiropractors (8041)  
822-829 Offices and clinics of optometrists (8042)  
830 Offices and clinics of health practitioners, n.e.c. (8043, 8049)  
831 Hospitals (806)  
832-839 Nursing and personal care facilities (805)  
840 Health services, n.e.c. (807, 808, 809)  
841 Legal services (81)  
842-849 Elementary and secondary schools (821)  
850 Colleges and universities (822)  
851 Vocational schools (824)  
852-859 Libraries (823)  
860 Educational services, n.e.c. (829)  
861 Job training and vocational rehabilitation services (833)  
862 Child day care services (part 835)  
863-869 Family child care homes (part 835)  
870 Residential care facilities, without nursing (836)  
871 Social services, n.e.c. (832, 839)  
872 Museums, art galleries, and zoos (84)  
873-879 Labor unions (863)  
880 Religious organizations (866)  
881 Membership organizations, n.e.c. (861, 862, 864, 865, 869)  
882-889 Engineering, architectural, and surveying services (871)  
890 Accounting, auditing, and bookkeeping services (872)  
891 Research, development, and testing services (873)

892 Management and public relations services (874)  
893-899 Miscellaneous professional and related services (899)

900-939 PUBLIC ADMINISTRATION

900 Executive and legislative offices (911-913)  
901-909 General government, n.e.c. (919)  
910-920 Justice, public order, and safety (92)  
921 Public finance, taxation, and monetary policy (93)  
922-929 Administration of human resources programs (94)  
930 Administration of environmental quality and housing  
programs (95)  
931 Administration of economic programs (96)  
932-939 National security and international affairs (97)

940-991 ACTIVE DUTY MILITARY

940-959 Armed Forces  
940 Army  
941 Air Force  
942-949 Navy  
950 Marines  
951 Coast Guard  
952-959 Armed Forces, Branch not specified  
960-991 Military Reserves or National Guard

992-999 EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY INDUSTRY

992-999 Unemployed, last worked 1984 or earlier

## LANGUAGE

This section contains the code list of languages other than English spoken at home. Each entry was given a three-digit code. If more than one language was reported, only the first language reported was coded. The languages were coded originally into nearly 400 different language categories. The following list contains the principal name for each code. Since many languages and language groups are known by several names, additional illustrative names are shown for some languages. A complete list of all reported language names and categories into which they were coded may be obtained from the Census Bureau at the cost of reproduction.

|         |                    |     |                |
|---------|--------------------|-----|----------------|
| 000-600 | NOT IN UNIVERSE    | 624 | CAJUN          |
| 601     | JAMAICAN CREOLE    | 625 | SPANISH        |
| 602     | KRIO               | 626 | CATALONIAN     |
| 603     | HAWAIIAN PIDGIN    | 627 | LADINO         |
| 604     | PIDGIN             | 628 | PACHUCO        |
| 605     | GULLAH             | 629 | PORTUGUESE     |
| 606     | SARAMACCA          | 630 | PAPIA MENTAE   |
|         |                    | 631 | RUMANIAN       |
| 607     | GERMAN             |     |                |
| 607     | Austrian           | 632 | RHAETO-ROMANIC |
| 607     | Swiss              | 632 | Romansch       |
| 608     | PENNSYLVANIA DUTCH | 633 | WELSH          |
| 609     | YIDDISH            | 634 | BRETON         |
|         |                    | 635 | IRISH GAELIC   |
| 610     | DUTCH              | 636 | SCOTTIC GAELIC |
| 610     | Flemish            | 637 | GREEK          |
|         |                    | 638 | ALBANIAN       |
| 611     | AFRIKAANS          | 639 | RUSSIAN        |
| 612     | FRISIAN            | 640 | BIELORUSSIAN   |
| 613     | LUXEMBOURGIAN      | 641 | UKRAINIAN      |
| 614     | SWEDISH            | 642 | CZECH          |
| 615     | DANISH             | 643 | KASHUBIAN      |
| 616     | NORWEGIAN          |     |                |
| 617     | ICELANDIC          | 644 | LUSATIAN       |
| 618     | FAROESE            | 644 | Sorbian        |
| 619     | ITALIAN            | 644 | Wendish        |
| 620     | FRENCH             | 645 | POLISH         |
| 620     | Walloon            | 646 | SLOVAK         |
|         |                    | 647 | BULGARIAN      |
| 621     | PROVENCAL          | 648 | MACEDONIAN     |
| 622     | PATOIS             |     |                |
|         |                    | 649 | SERBOCROATIAN  |
| 623     | FRENCH CREOLE      | 649 | Slavic         |
| 623     | Haitian Creole     | 649 | Yugoslav       |

|     |                   |     |             |
|-----|-------------------|-----|-------------|
| 650 | CROATIAN          | 683 | Ugric       |
| 651 | SERBIAN           | 683 | Yenisei     |
| 652 | SLOVENE           |     |             |
| 653 | LITHUANIAN        | 684 | CHUVASH     |
| 654 | LETTISH           | 685 | KARAKALPAK  |
| 655 | ARMENIAN          | 686 | KAZAKH      |
|     |                   | 687 | KIRGHIZ     |
| 656 | PERSIAN           |     |             |
| 656 | Farsi             | 688 | KARACHAY    |
| 656 | Pushto            | 688 | Tatar       |
| 657 | PASHTO            | 689 | UIGHUR      |
| 657 | Afghan            | 689 | Uzbek       |
| 658 | KURDISH           | 690 | AZERBAIJANI |
| 659 | BALOCHI           | 691 | TURKISH     |
| 660 | TADZHIK           | 692 | TURKMEN     |
| 661 | OSSETE            | 693 | YAKUT       |
| 662 | SANSKRIT          | 694 | MONGOLIAN   |
|     |                   | 695 | TUNGUS      |
| 663 | HINDI AND RELATED |     |             |
| 663 | Hindi             | 696 | CAUCASIAN   |
| 663 | India             | 696 | Avar        |
| 663 | Urdu              | 696 | Georgian    |
| 664 | BENGALI           | 697 | BASQUE      |
| 665 | PANJABI           | 698 | DRAVIDIAN   |
| 666 | MARATHI           | 699 | BRAHUI      |
| 667 | GUJARATHI         | 700 | GONDI       |
| 668 | BIHARI            | 701 | TELUGU      |
| 669 | RAJASTHANI        | 702 | KANNADA     |
| 670 | ORIYA             | 703 | MALAYALAM   |
| 671 | BHILI             | 704 | TAMIL       |
| 672 | ASSAMESE          | 705 | KURUKH      |
| 673 | KASHMIRI          | 706 | MUNDA       |
| 674 | NEPALI            | 707 | BURUSHASKI  |
| 675 | SINDHI            |     |             |
| 676 | MALDIVIAN         | 708 | CHINESE     |
| 677 | SINHALESE         | 708 | Cantonese   |
| 678 | ROMANY            | 708 | Yueh        |
| 679 | FINNISH           | 708 | Min         |
| 680 | ESTONIAN          |     |             |
| 681 | LAPP              | 709 | HAKKA       |
| 682 | HUNGARIAN         | 709 | Fukien      |
|     |                   | 709 | K'echia     |
| 683 | OTHER URALIC      |     |             |
|     | LANGUAGES         | 710 | KAN         |
| 683 | Cheremis          | 710 | Nan Chang   |
| 683 | Mordvin           |     |             |
| 683 | Samoyed           | 711 | HSIANG      |

|     |  |     |  |
|-----|--|-----|--|
| 711 | Hunan  | 734 | BALINESE   |
|     |  | 735 | CHAM   |
| 712 | MANDARIN   | 736 | JAVANESE   |
| 712 | Honan  | 737 | MADURESE   |
| 712 | Hopei  | 738 | MALAGASY   |
| 712 | Pei  | 739 | MALAY  |
|     |  | 740 | MINANGKABAU  |
| 713 | FUCHOW   | 741 | SUNDANESE  |
| 713 | Min Pei  |     |  |
|     |  | 742 | TAGALOG  |
| 714 | FORMOSAN   | 742 | Filipino   |
| 714 | Min Nan  |     |  |
|     |  | 743 | BISAYAN  |
| 715 | WU   | 743 | Ilongo   |
| 716 | TIBETAN  |     |  |
|     |  | 744 | SEBUANO  |
| 717 | BURMESE  | 745 | PANGASINAN   |
| 717 | Tonkin   |     |  |
|     |  | 746 | ILOCANO  |
| 718 | KAREN  | 746 | Igorot   |
| 719 | KACHIN   |     |  |
|     |  | 747 | BIKOL  |
| 720 | THAI   | 748 | PAMPANGAN  |
| 720 | Kam  | 749 | GORONTALO  |
| 720 | Lao  | 750 | MICRONESIAN  |
| 720 | Laotian  | 751 | CAROLINIAN   |
| 720 | Tung   | 752 | CHAMORRO   |
|     |  | 753 | GILBERTESE   |
| 721 | MIAO-YAO   | 754 | KUSAIEAN   |
|     |  | 755 | MARSHALLESE  |
| 722 | MIAO   | 756 | MOKILESE   |
| 722 | Hmong  | 757 | MORTLOCKESE  |
|     |  | 758 | NAURUAN  |
| 723 | JAPANESE   | 759 | PALAU  |
| 724 | KOREAN   | 760 | PONAPEAN   |
| 725 | AINU   | 761 | TRUKESE  |
|     |  | 762 | ULITHEAN   |
| 726 | MON-KHMER  |     |  |
| 726 | Cambodian  | 763 | WOLEAI-ULITHI  |
| 726 | Khmer  | 763 | Eauripik   |
| 726 | Mon  | 763 | Ifaluk   |
|     |  |     |  |
| 727 | SIBERIAN LANGUAGES,<br>not elsewhere<br>classified | 764 | YAPESE   |
|     |  | 765 | INDO-PACIFIC<br>LANGUAGES, not else-<br>where classified |
| 728 | VIETNAMESE   |     |  |
| 729 | MUONG  |     |  |
| 730 | BUGINESE   | 765 | Melanesian   |
| 731 | MOLUCCAN   |     |  |
| 732 | INDONESIAN   | 766 | POLYNESIAN   |
| 733 | ACHINESE   | 767 | SAMOAN   |

|     |              |     |                    |
|-----|--------------|-----|--------------------|
| 768 | TONGAN       | 790 | KHOISAN            |
| 769 | NIUEAN       | 790 | Bushman            |
| 770 | TOKELAUAN    |     |                    |
| 771 | FIJIAN       | 791 | SWAHILI            |
| 772 | MARQUESAN    |     |                    |
| 773 | RAROTONGAN   | 792 | BANTU              |
| 774 | MAORI        | 792 | Bembe              |
| 775 | NUKUORO      | 792 | Botswana           |
| 776 | HAWAIIAN     | 792 | Chaga              |
| 777 | ARABIC       | 792 | Fan                |
| 778 | HEBREW       | 792 | Kikuyu             |
|     |              | 792 | Kongo              |
| 779 | SYRIAC       | 792 | Luganda            |
| 779 | Aramaic      | 792 | Naebele            |
| 779 | Assyrian     | 792 | Xhosa              |
| 779 | Chaldean     | 792 | Zulu               |
|     |              |     |                    |
| 780 | AMHARIC      | 793 | MANDE              |
| 780 | Tigre        | 793 | Kpelle             |
|     |              | 793 | Mandingo           |
| 781 | BERBER       |     |                    |
|     |              | 794 | FULANI             |
| 782 | CHADIC       |     |                    |
| 782 | Hamitic      | 795 | GUR                |
| 782 | Hausa        | 795 | Dagomba            |
|     |              |     |                    |
| 783 | CUSHITE      | 796 | KRU                |
| 783 | Beja         | 796 | Damomeen           |
| 783 | Somali       | 796 | Egbo               |
|     |              | 796 | Ibo                |
| 784 | SUDANIC      | 796 | Nigerian           |
| 784 | Dinka        | 796 | Yoruba             |
| 784 | Gambai       |     |                    |
| 784 | Sudanese     | 797 | EFIK               |
|     |              | 797 | Ibibio             |
| 785 | NILOTIC      |     |                    |
| 785 | Acholi       | 798 | MBUM AND RELATED   |
| 785 | Luo          | 799 | AFRICAN, not       |
| 785 | Nuer         |     | further specified  |
|     |              | 800 | ALEUT              |
| 786 | NILO-HAMITIC |     |                    |
| 786 | Bari         | 801 | PACIFIC GULF YUPIK |
| 786 | Masai        | 801 | Pacific Eskimo     |
|     |              |     |                    |
| 787 | NUBIAN       | 802 | ESKIMO             |
| 788 | SAHARAN      |     |                    |
|     |              | 803 | INUPIK             |
| 789 | NILO-SAHARAN | 803 | Inuit              |
| 789 | Fur          |     |                    |
| 789 | Songhai      |     |                    |

|         |                |     |                    |
|---------|----------------|-----|--------------------|
| 804     | SAINT LAWRENCE | 834 | UPPER CHEHALIS     |
|         | ISLAND YUPIK   | 834 | Chehalis           |
| 805     | YUPIK          | 834 | Satsop             |
| 806     | ALGONQUIAN     |     |                    |
| 807     | ARAPAHO        | 835 | CLALLAM            |
|         |                |     |                    |
| 808     | ATSINA         | 836 | COEUR D'ALENE      |
| 808     | Gros Ventre    | 836 | Skitsamish         |
|         |                |     |                    |
| 809     | BLACKFOOT      | 837 | COLUMBIA           |
| 810     | CHEYENNE       | 837 | Chelan             |
| 811     | CREE           | 837 | Wenatchee          |
|         |                |     |                    |
| 812     | DELAWARE       | 838 | COWLITZ            |
| 812     | Lenni-Lenape   |     |                    |
|         |                |     |                    |
| 813     | FOX            | 839 | SALISH             |
| 813     | Sac            | 839 | Flathead           |
|         |                |     |                    |
| 814     | KICKAPOO       | 840 | NOOTSACK           |
| 815     | MENOMINI       | 841 | OKANOGAN           |
|         |                |     |                    |
|         |                | 842 | PUGET SOUND SALISH |
| 816     | FRENCH CREE    | 842 | Duwamish           |
| 816     | Metis          | 842 | Nisqualli          |
|         |                | 842 | Puyallup           |
| 817     | MIAMI          | 842 | Skagit             |
| 818     | MICMAC         | 842 | Snohomish          |
|         |                | 842 | Suquamish          |
|         |                |     |                    |
| 819     | OJIBWA         |     |                    |
| 819     | Chippewa       | 843 | QUINAULT           |
|         |                | 843 | Queets             |
| 820     | OTTAWA         |     |                    |
|         |                |     |                    |
| 821     | PASSAMAQUODDY  | 844 | TILLAMOOK          |
| 821     | Malecite       | 845 | TWANA              |
|         |                | 846 | HAIDA              |
|         |                | 847 | ATHAPASCAN         |
| 822     | PENOBSCOT      | 848 | AHTENA             |
| 823     | ABNAKI         | 849 | HAN                |
| 824     | POTAWATOMI     | 850 | INGALIT            |
| 825     | SHAWNEE        | 851 | KOYUKON            |
| 826     | WIYOT          | 852 | KUCHIN             |
| 827     | YUROK          | 853 | UPPER KUSKOKWIM    |
| 828     | KUTENAI        | 854 | TANAINA            |
| 829     | MAKAH          |     |                    |
|         |                | 855 | TANANA             |
| 830     | KWAKIUTL       | 855 | Minto              |
| 830     | Quileute       |     |                    |
|         |                | 856 | TANACROSS          |
|         |                |     |                    |
| 831-832 | NOOTKA         |     |                    |
| 833     | LOWER CHEHALIS |     |                    |

|     |                   |     |                   |
|-----|-------------------|-----|-------------------|
| 857 | UPPER TANANA      | 874 | PATWIN            |
| 857 | Nabesna           | 874 | Colouse           |
| 857 | Tetlin            | 874 | Suisun            |
| 858 | TUTCHONE          | 875 | WINTUN            |
|     |                   | 876 | FOOTHILL NORTH    |
| 859 | CHASTA COSTA      |     | YOKUTS            |
| 859 | Chetco            | 877 | TACHI             |
| 859 | Coquille          |     |                   |
| 859 | Smith River       | 878 | SANTIAM           |
|     | Athapascan        | 878 | Calapooya         |
|     |                   | 878 | Wapatu            |
| 860 | HUPA              |     |                   |
|     |                   | 879 | SIUSLAW           |
| 861 | OTHER ATHAPASCAN- | 879 | Coos              |
|     | EYAK LANGUAGES    | 879 | Lower Umpqua      |
| 861 | Cahto             |     |                   |
| 861 | Mattole           | 880 | KLAMATH           |
| 861 | Wailaki           | 880 | Modoc             |
| 862 | APACHE            | 881 | NEZ PERCE         |
| 863 | KIOWA             |     |                   |
| 864 | NAVAHO            | 882 | SAHAPTIAN         |
| 865 | EYAK              | 882 | Celilo            |
|     |                   | 882 | Klikitat          |
| 866 | TLINGIT           | 882 | Palouse           |
| 866 | Chilkat           | 882 | Tenino            |
| 866 | Sitka             | 882 | Umatilla          |
| 866 | Tongass           | 882 | Warm Springs      |
| 866 | Yakutat           | 882 | Yakima            |
| 867 | MOUNTAIN MAIDU    | 883 | UPPER CHINOOK     |
| 867 | Maidu             | 883 | Chinook           |
|     |                   | 883 | Clackamas         |
| 868 | NORTHWEST MAIDU   | 883 | Multnomah         |
| 868 | Concow            | 883 | Wasco             |
|     |                   | 883 | Wishram           |
| 869 | SOUTHERN MAIDU    |     |                   |
| 869 | Nisenan           | 884 | TSIMSHIAN         |
|     |                   | 885 | ACHUMAWI          |
| 870 | COAST MIWOK       | 886 | ATSUGEWI          |
| 870 | Bodega            | 887 | KAROK             |
| 870 | Marin             | 888 | POMO              |
|     |                   | 889 | SHASTAN           |
| 871 | PLAINS MIWOK      | 890 | WASHO             |
|     |                   | 891 | UP RIVER YUMAN    |
| 872 | SIERRA MIWOK      | 892 | COCOMARICOPA      |
| 872 | Miwok             | 893 | MOHAVE            |
|     |                   | 894 | YUMA              |
| 873 | NOMLAKI           | 895 | DIEGUENO          |
| 873 | Tehama            | 896 | DELTA RIVER YUMAN |



|     |              |     |                     |
|-----|--------------|-----|---------------------|
| 897 | UPLAND YUMAN | 924 | KERES               |
| 898 | HAVASUPAI    | 925 | IROQUOIS            |
| 899 | WALAPAI      | 926 | MOHAWK              |
| 900 | YAVAPAI      | 927 | ONEIDA              |
| 901 | CHUMASH      | 928 | ONONDAGA            |
| 902 | TONKAWA      | 929 | CAYUGA              |
| 903 | YUCHI        | 930 | SENECA              |
|     |              | 931 | TUSCARORA           |
| 904 | CROW         |     |                     |
| 904 | Absaroke     | 932 | WYANDOT             |
|     |              | 932 | Huron               |
| 905 | HIDATSA      |     |                     |
| 906 | MANDAN       | 933 | CHEROKEE            |
|     |              | 934 | ARIKARA             |
| 907 | DAKOTA       | 935 | CADDO               |
| 907 | Brule        | 936 | PAWNEE              |
| 907 | Lakota       | 937 | WICHITA             |
| 907 | Oglala       | 938 | COMANCHE            |
| 907 | Sioux        |     |                     |
|     |              | 939 | MONO                |
| 908 | CHIWERE      | 939 | Owens Valley Paiute |
| 909 | WINNEBAGO    |     |                     |
|     |              | 940 | PAIUTE              |
| 910 | KANSA        |     |                     |
| 910 | Kaw          | 941 | NORTHERN PAIUTE     |
|     |              | 941 | Bannock             |
| 911 | OMAHA        | 941 | Num                 |
| 912 | OSAGE        | 941 | Snake               |
| 913 | PONCA        |     |                     |
|     |              | 942 | SOUTHERN PAIUTE     |
| 914 | QUAPAW       | 943 | CHEMEHUEVI          |
| 914 | Arkansas     | 944 | KAWAIIISU           |
|     |              | 945 | UTE                 |
| 915 | ALABAMA      | 946 | SHOSHONI            |
|     |              | 947 | PANAMINT            |
| 916 | CHOCTAW      | 948 | HOPI                |
| 916 | Chickasaw    | 949 | CAHUILLA            |
|     |              | 950 | CUPENO              |
| 917 | MIKASUKI     | 951 | LUISENO             |
|     |              | 952 | SERRANO             |
| 918 | HICHITA      | 953 | TUBATULABAL         |
| 918 | Apalachicola |     |                     |
|     |              | 954 | PIMA                |
| 919 | KOASATI      | 954 | Papago              |
|     |              |     |                     |
| 920 | MUSKOGEE     | 955 | YAQUI               |
| 920 | Creek        |     |                     |
| 920 | Seminole     | 956 | AZTECAN             |
| 921 | CHETEMACHA   | 956 | Mexicano            |
| 922 | YUKI         | 956 | Nahua               |
| 923 | WAPPO        |     |                     |

|         |  |         |                                   |
|---------|--|---------|-----------------------------------|
| 957-958 | SONORAN, not else-<br>where classified | 970     | Chilote                           |
| 957     | Cahita                                 | 971     | OTO-MANGUEN                       |
| 957     | Guasave                                | 971     | Ixatec                            |
| 957     | Huichole                               |         |                                   |
| 957     | Nayit                                  | 971     | Mixtec                            |
| 957-958 | Tarahumara                             | 971     | Otomi                             |
|         |  | 971     | Popoloc                           |
| 959     | PICURIS                                | 971     | Zapoteca                          |
| 959     | Northern Tiwa                          |         |                                   |
| 959     | Taos                                   | 972     | QUECHUA                           |
|         |  | 973     | AYMARA                            |
| 960     | TIWA                                   |         |                                   |
| 960     | Isleta                                 | 974     | ARAWAKIAN                         |
| 960     | Ysleta                                 | 974     | Araua                             |
|         |  | 974     | Carib                             |
| 961     | SANDIA                                 | 974     | Guajiro                           |
|         |  | 974     | Kitemoca                          |
| 962     | TEWA                                   | 974     | Tatu                              |
| 962     | Hano                                   |         |                                   |
| 962     | Hopi-Tewa                              | 975     | CHIBCHAN                          |
| 962     | San Ildefonso                          | 975     | Boruca                            |
| 962     | San Juan                               | 975     | Cuna                              |
| 962     | Santa Clara                            | 975     | Guaymi                            |
|         |  | 975     | Ica                               |
| 963     | TOWA                                   |         |                                   |
| 964     | ZUNI                                   | 976     | TUPI-GUARANI                      |
| 965     | CHINOOK JARGON                         | 976     | Guajibo                           |
| 966     | AMERICAN INDIAN                        | 976     | Guarani                           |
|         |  | 976     | Siriono                           |
| 967     | MISUMALPAN                             |         |                                   |
| 967     | Matagalpa                              | 977     | JICARILLA                         |
| 967     | Miskito                                | 977     | Lipan                             |
| 967     | Sumu                                   |         |                                   |
| 968     | MAYAN LANGUAGES                        | 978     | CHIRICAHUA                        |
| 968     | Cakchiquel                             | 978     | Mescalero                         |
| 968     | Chol                                   | 979     | SAN CARLOS                        |
| 968     | Guastec                                | 979     | Cibecue                           |
| 968     | Guatemala                              | 979     | San Carlos                        |
| 968     | Ixil                                   | 979     | San Carlos Apache                 |
| 968     | Kechi                                  | 979     | White Mountain                    |
| 968     | Mam                                    |         |                                   |
| 968     | Maya                                   | 980     | KIOWA-APACHE                      |
| 968     | Queche                                 | 981     | KALISPEL                          |
| 968     | Yucateca                               | 982     | SPOKANE                           |
|         |  | 983-998 | LANGUAGE SPECIFIED,<br>NOT LISTED |
| 969     | TARASCAN                               |         |                                   |
|         |  | 999     | NOT REPORTED                      |
| 970     | MAPUCHE                                |         |                                   |
| 970     | Araucanian                             |         |                                   |

## OCCUPATION

The list presents the occupational classification developed for the 1990 Census of Population and Housing. There are 500 categories for the employed with 1 additional category for the experienced unemployed and 3 additional categories for the Armed Forces. These categories are grouped into 6 summary groups and 13 major groups. The classification is developed from the 1980 Standard Occupational Classification. "n.e.c." is the abbreviation for not elsewhere classified.

|         |  |
|---------|--|
| 000-202 | MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS                        |
| 000-042 | Executive, Administrative, and Managerial Occupations                    |
| 000-003 | Legislators (111)  |
| 004     | Chief executives and general administrators, public administration (112) |
| 005     | Administrators and officials, public administration (1132-1139)          |
| 006     | Administrators, protective services (1131)                               |
| 007     | Financial managers (122)   |
| 008     | Personnel and labor relations managers (123)                             |
| 009-012 | Purchasing managers (124)  |
| 013     | Managers, marketing, advertising, and public relations (125)             |
| 014     | Administrators, education and related fields (128)                       |
| 015     | Managers, medicine and health (131)                                      |
| 016     | Postmasters and mail superintendents (1344)                              |
| 017     | Managers, food serving and lodging establishments (1351)                 |
| 018     | Managers, properties and real estate (1353)                              |
| 019-020 | Funeral directors (part 1359)  |
| 021     | Managers, service organizations, n.e.c. (127, 1352, 1354, part 1359)     |
| 022     | Managers and administrators, n.e.c. (121, 126, 132-1343, 136-139)        |
| 023-042 | Management Related Occupations   |
| 023     | Accountants and auditors (1412)  |
| 024     | Underwriters (1414)  |
| 025     | Other financial officers (1415, 1419)                                    |
| 026     | Management analysts (142)  |
| 027     | Personnel, training, and labor relations specialists (143)               |
| 028     | Purchasing agents and buyers, farm products (1443)                       |
| 029-032 | Buyers, wholesale and retail trade except farm products (1442)           |
| 033     | Purchasing agents and buyers, n.e.c. (1449)                              |
| 034     | Business and promotion agents (145)                                      |

035 Construction inspectors (1472)  
036 Inspectors and compliance officers, except  
construction (1473)  
037-042 Management related occupations, n.e.c. (149)

043-202 Professional Specialty Occupations

043-063 Engineers, Architects, and Surveyors  
043 Architects (161)  
044-062 Engineers  
044 Aerospace (1622)  
045 Metallurgical and materials (1623)  
046 Mining (1624)  
047 Petroleum (1625)  
048 Chemical (1626)  
049-052 Nuclear (1627)  
053 Civil (1628)  
054 Agricultural (1632)  
055 Electrical and electronic (1633, 1636)  
056 Industrial (1634)  
057 Mechanical (1635)  
058 Marine and naval architects (1637)  
059-062 Engineers, n.e.c. (1639)  
063 Surveyors and mapping scientists (164)

064-068 Mathematical and Computer Scientists  
064 Computer systems analysts and scientists (171)  
065 Operations and systems researchers and analysts (172)  
066 Actuaries (1732)  
067 Statisticians (1733)  
068 Mathematical scientists, n.e.c. (1739)

069-083 Natural Scientists  
069-072 Physicists and astronomers (1842, 1843)  
073 Chemists, except biochemists (1845)  
074 Atmospheric and space scientists (1846)  
075 Geologists and geodesists (1847)  
076 Physical scientists, n.e.c. (1849)  
077 Agricultural and food scientists (1853)  
078 Biological and life scientists (1854)  
079-082 Forestry and conservation scientists (1852)  
083 Medical scientists (1855)

084-094 Health Diagnosing Occupations  
084 Physicians (261)  
085 Dentists (262)  
086 Veterinarians (27)  
087 Optometrists (281)  
088 Podiatrists (283)  
089-094 Health diagnosing practitioners, n.e.c. (289)

|         |  |
|---------|--|
| 095-112 | Health Assessment and Treating Occupations               |
| 095     | Registered nurses (29)                                   |
| 096     | Pharmacists (301)  |
| 097     | Dietitians (302)   |
| 098-105 | Therapists   |
| 098     | Respiratory therapists (3031)                            |
| 099-102 | Occupational therapists (3032)                           |
| 103     | Physical therapists (3033)                               |
| 104     | Speech therapists (3034)                                 |
| 105     | Therapists, n.e.c. (3039)                                |
| 106-112 | Physicians' assistants (304)                             |
| 113-154 | Teachers, Postsecondary                                  |
| 113     | Earth, environmental, and marine science teachers (2212) |
| 114     | Biological science teachers (2213)                       |
| 115     | Chemistry teachers (2214)                                |
| 116     | Physics teachers (2215)                                  |
| 117     | Natural science teachers, n.e.c. (2216)                  |
| 118     | Psychology teachers (2217)                               |
| 119-122 | Economics teachers (221 8)                               |
| 123     | History teachers (2222)                                  |
| 124     | Political science teachers (2223)                        |
| 125     | Sociology teachers (2224)                                |
| 126     | Social science teachers, n.e.c. (2225)                   |
| 127     | Engineering teachers (2226)                              |
| 128     | Mathematical science teachers (2227)                     |
| 129-132 | Computer science teachers (2228)                         |
| 133     | Medical science teachers (2231)                          |
| 134     | Health specialties teachers (2232)                       |
| 135     | Business, commerce, and marketing teachers (2233)        |
| 136     | Agriculture and forestry teachers (2234)                 |
| 137     | Art, drama, and music teachers (2235)                    |
| 138     | Physical education teachers (2236)                       |
| 139-142 | Education teachers (2237)                                |
| 143     | English teachers (2238)                                  |
| 144     | Foreign language teachers (2242)                         |
| 145     | Law teachers (2243)                                      |
| 146     | Social work teachers (2244)                              |
| 147     | Theology teachers (2245)                                 |
| 148     | Trade and industrial teachers (2246)                     |
| 149-152 | Home economics teachers (2247)                           |
| 153     | Teachers, postsecondary, n.e.c. (2249)                   |
| 154     | Postsecondary teachers, subject not specified            |
| 155-162 | Teachers, Except Postsecondary                           |
| 155     | Teachers, prekindergarten and kindergarten (231)         |
| 156     | Teachers, elementary school (232)                        |
| 157     | Teachers, secondary school (233)                         |
| 158     | Teachers, special education (235)                        |
| 159-162 | Teachers, n.e.c. (236, 239)                              |

|         |   |
|---------|---|
| 163     | Counselors, Educational and Vocational (24)                         |
| 164-165 | Librarians, Archivists, and Curators                                |
| 164     | Librarians (251)  |
| 165     | Archivists and curators (252)                                       |
| 166-173 | Social Scientists and Urban Planners                                |
| 166     | Economists (1912)   |
| 167     | Psychologists (1915)  |
| 168     | Sociologists (1916)   |
| 169-172 | Social scientists, n.e.c. (1913, 1914, 1919)                        |
| 173     | Urban planners (192)  |
| 174-177 | Social, Recreation, and Religious Workers                           |
| 174     | Social workers (2032)   |
| 175     | Recreation workers (2033)   |
| 176     | Clergy (2042)   |
| 177     | Religious workers, n.e.c. (2049)                                    |
| 178-182 | Lawyers and Judges  |
| 178     | Lawyers (211)   |
| 179-182 | Judges (212)  |
| 183-202 | Writers, Artists, Entertainers, and Athletes                        |
| 183     | Authors (321)   |
| 184     | Technical writers (398)   |
| 185     | Designers (322)   |
| 186     | Musicians and composers (323)                                       |
| 187     | Actors and directors (324)  |
| 188     | Painters, sculptors, craft-artists, and artist<br>printmakers (325) |
| 189-192 | Photographers (326)   |
| 193     | Dancers (327)   |
| 194     | Artists, performers, and related workers, n.e.c.<br>(328, 329)      |
| 195-196 | Editors and reporters (331)   |
| 197     | Public relations specialists (332)                                  |
| 198     | Announcers (333)  |
| 199-202 | Athletes (34)   |
| 203-402 | TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS            |
| 203-242 | Technicians and Related Support Occupations                         |
| 203-212 | Health Technologists and Technicians                                |
| 203     | Clinical laboratory technologists and technicians<br>(362)          |
| 204     | Dental hygienists (363)   |
| 205     | Health record technologists and technicians (364)                   |
| 206     | Radiologic technicians (365)  |

207 Licensed practical nurses (366)  
 208-212 Health technologists and technicians, n.e.c. (369)

213-242 Technologists and Technicians, Except Health  
 213-222 Engineering and Related Technologists and Technicians  
 213 Electrical and electronic technicians (3711)  
 214 Industrial engineering technicians (3712)  
 215 Mechanical engineering technicians (3713)  
 216 Engineering technicians, n.e.c. (3719)  
 217 Drafting occupations (372)  
 218-222 Surveying and mapping technicians (373)

223-225 Science Technicians  
 223 Biological technicians (382)  
 224 Chemical technicians (3831)  
 225 Science technicians, n.e.c. (3832, 3833, 384, 389)

226-242 Technicians, Except Health, Engineering, and Science  
 226 Airplane pilots and navigators (825)  
 227 Air traffic controllers (392)  
 228 Broadcast equipment operators (393)  
 229-232 Computer programmers (3971, 3972)  
 233 Tool programmers, numerical control (3974)  
 234 Legal assistants (396)  
 235-242 Technicians, n.e.c. (399)

243-302 Sales Occupations

243-252 Supervisors and Proprietors, Sales Occupations (40)  
 253-257 Sales Representatives, Finance and Business Services  
 253 Insurance sales occupations (4122)  
 254 Real estate sales occupations (4123)  
 255 Securities and financial services sales occupations  
 (4124)  
 256 Advertising and related sales occupations (4153)  
 257 Sales occupations, other business services (4152)

258-262 Sales Representatives, Commodities, Except Retail  
 258 Sales engineers (421)  
 259-262 Sales representatives, mining, manufacturing, and  
 wholesale (423, 424)

263-282 Sales Workers, Retail and Personal Services  
 263 Sales workers, motor vehicles and boats (4342, 4344)  
 264 Sales workers, apparel (4346)  
 265 Sales workers, shoes (4351)  
 266 Sales workers, furniture and home furnishings (4348)  
 267 Sales workers, radio, TV, hi-fi, and appliances (4343,  
 4352)  
 268 Sales workers, hardware and building supplies (4353)

|         |   |
|---------|---|
| 269-273 | Sales workers, parts (4367)   |
| 274     | Sales workers, other commodities (4345, 4347, 4354, 4356, 4359, 4362, 4369)   |
| 275     | Sales counter clerks (4363)   |
| 276     | Cashiers (4364)   |
| 277     | Street and door-to-door sales workers (4366)                                  |
| 278-282 | News vendors (4365)   |
| 283-302 | Sales Related Occupations   |
| 283     | Demonstrators, promoters and models, sales (445)                              |
| 284     | Auctioneers (447)   |
| 285-302 | Sales support occupations, n.e.c. (444, 446, 449)                             |
| 303-402 | Administrative Support Occupations, Including Clerical                        |
| 303-307 | Supervisors, Administrative Support Occupations                               |
| 303     | Supervisors, general office (4511, 4513, 4514, 4516, 4519, 4529)              |
| 304     | Supervisors, computer equipment operators (4512)                              |
| 305     | Supervisors, financial records processing (4521)                              |
| 306     | Chief communications operators (4523)   |
| 307     | Supervisors, distribution, scheduling, and adjusting clerks (4522, 4524-4528) |
| 308-312 | Computer Equipment Operators  |
| 308     | Computer operators (4612)   |
| 309-312 | Peripheral equipment operators (4613)   |
| 313-315 | Secretaries, Stenographers, and Typists                                       |
| 313     | Secretaries (4622)  |
| 314     | Stenographers (4623)  |
| 315     | Typists (4624)  |
| 316-324 | Information Clerks  |
| 316     | Interviewers (4642)   |
| 317     | Hotel clerks (4643)   |
| 318     | Transportation ticket and reservation agents (4644)                           |
| 319-322 | Receptionists (4645)  |
| 323-324 | Information clerks, n.e.c. (4649)   |
| 325-336 | Records Processing Occupations, Except Financial                              |
| 325     | Classified-ad clerks (4662)   |
| 326     | Correspondence clerks (4663)  |
| 327     | Order clerks (4664)   |
| 328     | Personnel clerks, except payroll and timekeeping (4692)                       |
| 329-334 | Library clerks (4694)   |
| 335     | File clerks (4696)  |
| 336     | Records clerks (4699)   |



337-344 Financial Records Processing Occupations  
337 Bookkeepers, accounting, and auditing clerks (4712)  
338 Payroll and timekeeping clerks (4713)  
339-342 Billing clerks (4715)  
343 Cost and rate clerks (4716)  
344 Billing, posting, and calculating machine operators  
(4718)

345-347 Duplicating, Mail and Other Office Machine Operators  
345 Duplicating machine operators (4722)  
346 Mail preparing and paper handling machine operators  
(4723)  
347 Office machine operators, n.e.c. (4729)

348-353 Communications Equipment Operators  
348-352 Telephone operators (4732)  
353 Communications equipment operators, n.e.c.  
(4733, 4739)

354-358 Mail and Message Distributing Occupations  
354 Postal clerks, except mail carriers (4742)  
355 Mail carriers, postal service (4743)  
356 Mail clerks, except postal service (4744)  
357-358 Messengers (4745)

359-374 Material Recording, Scheduling, and Distributing Clerks  
359-362 Dispatchers (4751)  
363 Production coordinators (4752)  
364 Traffic, shipping, and receiving clerks (4753)  
365 Stock and inventory clerks (4754)  
366 Meter readers (4755)  
368-372 Weighers, measurers, checkers, and samplers (4756, 4757)  
373 Expediters (4758)  
374 Material recording, scheduling, and distributing  
clerks, n.e.c. (4759)

375-378 Adjusters and Investigators  
375 Insurance adjusters, examiners, and investigators  
(4782)  
376 Investigators and adjusters, except insurance (4783)  
377 Eligibility clerks, social welfare (4784)  
378 Bill and account collectors (4786)

379-402 Miscellaneous Administrative Support Occupations  
379-382 General office clerks (463)  
383 Bank tellers (4791)  
384 Proofreaders (4792)  
385 Data-entry keyers (4793)  
386 Statistical clerks (4794)  
387-388 Teachers' aides (4795)

389-402 Administrative support occupations, n.e.c.  
(4787, 4799)

403-472 SERVICE OCCUPATIONS

403-412 Private Household Occupations

403 Launderers and ironers (503)

404 Cooks, private household (504)

405 Housekeepers and butlers (505)

406 Child care workers, private household (506)

407412 Private household cleaners and servants (502, 507, 509)

413-432 Protective Service Occupations

413-415 Supervisors, Protective Service Occupations

413 Supervisors, firefighting and fire prevention  
occupations (5111)

414 Supervisors, police and detectives (5112)

415 Supervisors, guards (5113)

416-417 Firefighting and Fire Prevention Occupations

416 Fire inspection and fire prevention occupations (5122)

417 Firefighting occupations (5123)

418-424 Police and Detectives

418-422 Police and detectives, public service (5132)

423 Sheriffs, bailiffs, and other law enforcement  
officers (5134)

424 Correctional institution officers (5133)

425-432 Guards

425 Crossing guards (5142)

426 Guards and police, except public service (5144)

427-432 Protective service occupations, n.e.c. (5149)

433-472 Service Occupations, Except Protective and Household

433-444 Food Preparation and Service Occupations

433 Supervisors, food preparation and service occupations  
(5211)

434 Bartenders (5212)

435 Waiters and waitresses (5213)

436-437 Cooks (5214, 5215)

438 Food counter, fountain and related occupations (5216)

439-442 Kitchen workers, food preparation (5217)

443 Waiters'/waitresses' assistants (5218)

444 Miscellaneous food preparation occupations (5219)

445-447 Health Service Occupations

445 Dental assistants (5232)

446 Health aides, except nursing (5233)

447 Nursing aides, orderlies, and attendants (5236)

448-455      Cleaning and Building Service Occupations, Except Household  
448            Supervisors, cleaning and building service workers (5241)  
449-452      Maids and housemen (5242, 5249)  
453            Janitors and cleaners (5244)  
454            Elevator operators (5245)  
455            Pest control occupations (5246)

456-472      Personal Service Occupations  
456            Supervisors, personal service occupations (5251)  
457            Barbers (5252)  
458            Hairdressers and cosmetologists (5253)  
459-460      Attendants, amusement and recreation facilities (5254)  
461            Guides (5255)  
462            Ushers (5256)  
463            Public transportation attendants (5257)  
464            Baggage porters and bellhops (5262)  
465            Welfare service aides (5263)  
466            Family child care providers (part 5264)  
467            Early childhood teacher's assistants (part 5264)  
468            Child care workers, n.e.c. (part 5264)  
469-472      Personal service occupations, n.e.c. (5258, 5269)

473-502      FARMING, FORESTRY, AND FISHING OCCUPATIONS

473-476      Farm Operators and Managers  
473            Farmers, except horticultural (5512-5514)  
474            Horticultural specialty farmers (5515)  
475            Managers, farms, except horticultural (5522-5524)  
476            Managers, horticultural specialty farms (5525)

477-493      Other Agricultural and Related Occupations  
477-484      Farm Occupations, Except Managerial  
477-478      Supervisors, farm workers (5611)  
479-482      Farm workers (5612-5617)  
483            Marine life cultivation workers (5618)  
484            Nursery workers (5619)

485-493      Related Agricultural Occupations  
485            Supervisors, related agricultural occupations (5621)  
486            Groundskeepers and gardeners, except farm (5622)  
487            Animal caretakers, except farm (5624)  
488            Graders and sorters, agricultural products (5625)  
489-493      Inspectors, agricultural products (5627)

494-496      Forestry and Logging Occupations  
494            Supervisors, forestry and logging workers (571)  
495            Forestry workers, except logging (572)  
496            Timber cutting and logging occupations (573, 579)

497-502 Fishers, Hunters, and Trappers  
497 Captains and other officers, fishing vessels (part 8241)  
498 Fishers (583)  
499-502 Hunters and trappers (584)

503-702 PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS

503-552 Mechanics and Repairers

503-504 Supervisors, mechanics and repairers (60)  
505-552 Mechanics and Repairers, Except Supervisors  
505-517 Vehicle and Mobile Equipment Mechanics and Repairers  
505-506 Automobile mechanics (part 6111)  
506 Automobile mechanic apprentices (part 6111)  
507 Bus, truck, and stationary engine mechanics (6112)  
508 Aircraft engine mechanics (6113)  
509-513 Small engine repairers (6114)  
514 Automobile body and related repairers (6115)  
515 Aircraft mechanics, except engine (6116)  
516 Heavy equipment mechanics (6271)  
517 Farm equipment mechanics (6118)  
518 Industrial machinery repairers (613)  
519-522 Machinery maintenance occupations (614)

523-533 Electrical and Electronic Equipment Repairers  
523-524 Electronic repairers, communications and industrial equipment (6151, 6153, 6155)  
525 Data processing equipment repairers (6154)  
526 Household appliance and power tool repairers (6156)  
527-528 Telephone line installers and repairers (6157)  
529-532 Telephone installers and repairers (6158)  
533 Miscellaneous electrical and electronic equipment repairers (6152, 6159)

534 Heating, air conditioning, and refrigeration mechanics (616)

535-552 Miscellaneous Mechanics and Repairers  
535 Camera, watch, and musical Instrument repairers (6171, 6172)  
536-537 Locksmiths and safe repairers (6173)  
538 Office machine repairers (6174)  
539-542 Mechanical controls and valve repairers (6175)  
543 Elevator Installers and repairers (6176)  
544-546 Millwrights (6178)  
547-548 Specified mechanics and repairers, n.e.c. (6177, 6179)  
549-552 Not specified mechanics and repairers

553-612 Construction Trades

553-562 Supervisors, Construction Occupations  
553 Supervisors, brickmasons, stonemasons, and tile  
setters (6312)  
554 Supervisors, carpenters and related workers (6313)  
555 Supervisors, electricians and power transmission  
installers (6314)  
556 Supervisors, painters, paperhangers, and plasterers  
(6315)  
557 Supervisors, plumbers, pipefitters, and steamfitters  
(6316)  
558-562 Supervisors, construction, n.e.c. (6311, 6318)

563-612 Construction Trades, Except Supervisors  
563-564 Brickmasons and stonemasons (part 6412, part 6413)  
564 Brickmason and stonemason apprentices (part 6412,  
part 6413)  
565 Tile setters, hard and soft (part 6414, part 6462)  
566 Carpet installers (part 6462)  
567-572 Carpenters (part 6422)  
569-572 Carpenter apprentices (part 6422)  
573-574 Drywall installers (6424)  
575-576 Electricians (part 6432)  
576 Electrician apprentices (part 6432)  
577-578 Electrical power installers and repairers (6433)  
579-582 Painters, construction and maintenance (6442)  
583 Paperhangers (6443)  
584 Plasterers (6444)  
585-587 Plumbers, pipefitters, and steamfitters (part 645)  
587 Plumber, pipefitter, and steamfitter apprentices  
(part 645)  
588 Concrete and terrazzo finishers (6463)  
589-592 Glaziers (6464)  
593 Insulation workers (6465)  
594 Paving, surfacing, and tamping equipment operators  
(6466)  
595 Roofers (6468)  
596 Sheetmetal duct installers (6472)  
597 Structural metal workers (6473)  
598 Drillers, earth (6474)  
599-612 Construction trades, n.e.c. (6467, 6475, 6476, 6479)

613-627 Extractive Occupations  
613 Supervisors, extractive occupations (632)  
614 Drillers, oil well (652)  
615 Explosives workers (653)  
616 Mining machine operators (654)  
617-627 Mining occupations, n.e.c. (656)

628-702 Precision Production Occupations  
628-633 Supervisors, production occupations (67, 71)  
634-655 Precision Metal Working Occupations  
634-635 Tool and die makers (part 681 1)  
635 Tool and die maker apprentices (part 6811)  
636 Precision assemblers, metal (6812)  
637-642 Machinists (part 6813)  
639-642 Machinist apprentices (part 6813)  
643 Boilermakers (6814)  
644 Precision grinders, filers, and tool sharpeners (6816)  
645 Patternmakers and model makers, metal (6817)  
646 Lay-out workers (6821)  
647-648 Precious stones and metals workers (Jewelers) (6822, 6866)  
  
649-652 Engravers, metal (6823)  
653-654 Sheet metal workers (part 6824)  
654 Sheet metal worker apprentices (part 6824)  
655 Miscellaneous precision metal workers (6829)  
656-665 Precision Woodworking Occupations  
656 Patternmakers and model makers, wood (6831)  
657 Cabinet makers and bench carpenters (6832)  
658 Furniture and wood finishers (6835)  
659-665 Miscellaneous precision woodworkers (6839)  
666-674 Precision Textile, Apparel, and Furnishings Machine Workers  
666 Dressmakers (part 6852, part 7752)  
667 Tailors (part 6852)  
668 Upholsterers (6853)  
669-673 Shoe repairers (6854)  
674 Miscellaneous precision apparel and fabric workers (6856, 6859, part 7752)  
  
675-685 Precision Workers, Assorted Materials  
675 Hand molders and shapers, except jewelers (6861)  
676 Patternmakers, lay-out workers, and cutters (6862)  
677 Optical goods workers (6864, part 7477, part 7677)  
678 Dental laboratory and medical appliance technicians (6865)  
  
679-682 Bookbinders (6844)  
683 Electrical and electronic equipment assemblers (6867)  
684-685 Miscellaneous precision workers, n.e.c. (6869)  
686-688 Precision Food Production Occupations  
686 Butchers and meat cutters (6871)  
687 Bakers (6872)  
688 Food batchmakers (6873, 6879)  
689-693 Precision Inspectors, Testers, and Related Workers  
689-692 Inspectors, testers, and graders (6881, 828)  
693 Adjusters and calibrators (6882)  
694-702 Plant and System Operators  
694 Water and sewage treatment plant operators (691)  
695 Power plant operators (part 693)

696-698 Stationary engineers (part 693, 7668)  
699-702 Miscellaneous plant and system operators (692, 694,  
695, 696)

703-902 OPERATORS, FABRICATORS, AND LABORERS

703-802 Machine Operators, Assemblers, and Inspectors

703-782 Machine Operators and Tenders, Except Precision

703-716 Metal Working and Plastic Working Machine Operators  
703 Lathe and turning machine set-up operators (7312)  
704 Lathe and turning machine operators (7512)  
705 Milling and planing machine operators (7313, 7513)  
706 Punching and stamping press machine operators  
(7314, 7317, 7514, 7517)  
707 Rolling machine operators (7316, 7516)  
708 Drilling and boring machine operators (7318, 7518)  
709-712 Grinding, abrading, buffing, and polishing machine  
operators (7322, 7324, 7522)  
713 Forging machine operators (7319, 7519)  
714 Numerical control machine operators (7326)  
715-716 Miscellaneous metal, plastic, stone, and glass  
working machine operators (7329, 7529)

717-718 Fabricating machine operators, n.e.c. (7339, 7539)

719-725 Metal and Plastic Processing Machine Operators  
719-722 Molding and casting machine operators (7315, 7342,  
7515, 7542)  
723 Metal plating machine operators (7343, 7543)  
724 Heat treating equipment operators (7344, 7544)  
725 Miscellaneous metal and plastic processing machine  
operators (7349, 7549)

726-733 Woodworking Machine Operators  
726 Wood lathe, routing, and planing machine operators  
(7431, 7432, 7631, 7632)  
727 Sawing machine operators (7433, 7633)  
728 Shaping and joining machine operators (7435, 7635)  
729-732 Nailing and tacking machine operators (7636)  
733 Miscellaneous woodworking machine operators (7434,  
7439, 7634, 7639)

734-737 Printing Machine Operators  
734 Printing press operators (7443, 7643)  
735 Photoengravers and lithographers (6842, 7444, 7644)  
736 Typesetters and compositors (6841, 7642)  
737 Miscellaneous printing machine operators (6849,  
7449, 7649)

|         |  |
|---------|--|
| 738-752 | Textile, Apparel, and Furnishings Machine Operators                        |
| 738     | Winding and twisting machine operators (7451, 7651)                        |
| 739-742 | Knitting, looping, taping, and weaving machine operators (7452, 7652)      |
| 743     | Textile cutting machine operators (7654)                                   |
| 744     | Textile sewing machine operators (7655)                                    |
| 745-746 | Shoe machine operators (7656)  |
| 747     | Pressing machine operators (7657)  |
| 748     | Laundering and dry cleaning machine operators (6855, 7658)                 |
| 749-752 | Miscellaneous textile machine operators (7459, 7659)                       |
| 753-782 | Machine Operators, Assorted Materials                                      |
| 753     | Cementing and gluing machine operators (7661)                              |
| 754     | Packaging and filling machine operators (7462, 7662)                       |
| 755     | Extruding and forming machine operators (7463, 7663)                       |
| 756     | Mixing and blending machine operators (7664)                               |
| 757     | Separating, filtering, and clarifying machine operators (7476, 7666, 7676) |
| 758     | Compressing and compacting machine operators (7467, 7667)                  |
| 759-762 | Painting and paint spraying machine operators (7669)                       |
| 763     | Roasting and baking machine operators, food (7472, 7672)                   |
| 764     | Washing, cleaning, and pickling machine operators (7673)                   |
| 765     | Folding machine operators (7474, 7674)                                     |
| 766-767 | Furnace, kiln, and oven operators, except food (7675)                      |
| 768     | Crushing and grinding machine operators (part 7477, part 7677)             |
| 769-772 | Slicing and cutting machine operators (7478, 7678)                         |
| 773     | Motion picture projectionists (part 7479)                                  |
| 774-776 | Photographic process machine operators (6863, 6868, 7671)                  |
| 777-778 | Miscellaneous machine operators, n.e.c. (part 7479, 7665, 7679)            |
| 779-782 | Machine operators, not specified   |
| 783-795 | Fabricators, Assemblers, and Hand Working Occupations                      |
| 783     | Welders and cutters (7332, 7532, 7714)                                     |
| 784     | Solderers and brazers (7333, 7533, 7717)                                   |
| 785     | Assemblers (772, 774)  |
| 786     | Hand cutting and trimming occupations (7753)                               |
| 787-788 | Hand molding, casting, and forming occupations (7754, 7755)                |



789-792 Hand painting, coating, and decorating occupations  
(7756)

793-794 Hand engraving and printing occupations (7757)

795 Miscellaneous hand working occupations (7758, 7759)

796-802 Production Inspectors, Testers, Samplers, and Weighers

796 Production inspectors, checkers, and examiners (782,  
787)

797 Production testers (783)

798 Production samplers and weighers (784)

799-802 Graders and sorters, except agricultural (785)

803-863 Transportation and Material Moving Occupations

803-822 Motor Vehicle Operators

803 Supervisors, motor vehicle operators (8111)

804-805 Truck drivers (8212-8214)

806-807 Driver-sales workers (8218)

808 Bus drivers (8215)

809-812 Taxicab drivers and chauffeurs (8216)

813 Parking lot attendants (874)

814-822 Motor transportation occupations, n.e.c. (8219)

823-842 Transportation Occupations, Except Motor Vehicles

823-827 Rail Transportation Occupations

823 Railroad conductors and yardmasters (8113)

824 Locomotive operating occupations (8232)

825 Railroad brake, signal, and switch operators (8233)

826-827 Rail vehicle operators, n.e.c. (8239)

828-842 Water Transportation Occupations

828 Ship captains and mates, except fishing boats  
(part 8241, 8242)

829-832 Sailors and deckhands (8243)

833 Marine engineers (8244)

834-842 Bridge, lock, and lighthouse tenders (8245)

843-863 Material Moving Equipment Operators

843 Supervisors, material moving equipment operators (812)

844 Operating engineers (8312)

845-847 Longshore equipment operators (8313)

848 Hoist and winch operators (8314)

849-852 Crane and tower operators (8315)

853-854 Excavating and loading machine operators (8316)

855 Grader, dozer, and scraper operators (8317)

856-858 Industrial truck and tractor equipment operators  
(8318)

859-863 Miscellaneous material moving equipment operators  
(8319)

864-902      Handlers, Equipment Cleaners, Helpers, and Laborers

864            Supervisors, handlers, equipment cleaners, and  
              laborers, n.e.c. (85)

865            Helpers, mechanics, and repairers (863)

866-868       Helpers, Construction, and Extractive Occupations

866            Helpers, construction trades (8641-8645, 8648)

867            Helpers, surveyor (8646)

868            Helpers, extractive occupations (865)

869-873       Construction laborers (871)

874            Production helpers (861, 862)

875-884       Freight, Stock, and Material Handlers

875            Garbage collectors (8722)

876            Stevedores (8723)

877            Stock handlers and baggers (8724)

878-882       Machine feeders and off bearers (8725)

883-884       Freight, stock, and material handlers, n.e.c. (8726)

885-886       Garage and service station related occupations (873)

887            Vehicle washers and equipment cleaners (875)

888            Hand packers and packagers (8761)

889-902       Laborers, except construction (8769)

903-908       MILITARY OCCUPATIONS (includes only uniquely military  
              occupations. Other Armed Forces members are coded to  
              civilian occupations.)

903            Commissioned officers and warrant officers

904            Non-commissioned officers and other enlisted personnel

905-908       Military occupation, rank not specified

909-999       EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION

909-999       Unemployed, last worked 1984 or earlier

## PLACE OF BIRTH

This section contains the code list for place of birth. An alphabetical list of U.S. States and territories, foreign countries, and other areas was used to assign a three-digit code to the birthplace reported by each person. The alphabetical list used in coding included abbreviations and alternate names, including some historical names for countries and names of States, provinces, counties, or other subdivisions of countries.

The following list does not include any of these alternate names, but does include continent and area names used as defaults if a specific country was not named but a broader region or area of birth was reported. The names for foreign countries shown on this list and in the publications reflect the most commonly used names in this country, not their official or legal names. Each entry shown on the following list has a unique code.

The U.S. States and territories were assigned their Federal Information Processing Standards (FIPS) code preceded by a zero. For foreign countries, codes were generally assigned by listing the countries or areas in alphabetical order (followed by default codes) within eight broad continent or regional areas: (1) Europe, (2) Asia, (3) North America, (4) Central America, (5) Caribbean, (6) South America, (7) Africa, and (8) Oceania. The entries for the USSR and the Baltic States are listed following the other entries for Europe for convenience in combining with either Europe or Asia. The entries for Germany also do not follow strict alphabetical order; codes 110-114 can be combined to tabulate an overall figure including Germany (not specified), East Germany, West Germany, and Berlin. The entries for the United Kingdom also do not follow strict alphabetical order; codes 138-145 can be combined to tabulate an overall figure including United Kingdom (not specified), England, Scotland, Wales, Northern Ireland, Guernsey, Jersey, and the Isle of Man. The codes for Asia also include a code for Korea (not specified) since it is often reported in that fashion.

## 001-059 UNITED STATES

|         |                      |     |               |
|---------|----------------------|-----|---------------|
| 001     | Alabama              | 016 | Idaho         |
| 002-003 | Alaska               | 017 | Illinois      |
| 004     | Arizona              | 018 | Indiana       |
| 005     | Arkansas             | 019 | Iowa          |
| 006-007 | California           | 020 | Kansas        |
| 008     | Colorado             | 021 | Kentucky      |
| 009     | Connecticut          | 022 | Louisiana     |
| 010     | Delaware             | 023 | Maine         |
| 011     | District of Columbia | 024 | Maryland      |
| 012     | Florida              | 025 | Massachusetts |
| 013-014 | Georgia              | 026 | Michigan      |
| 015     | Hawaii               | 027 | Minnesota     |

|         |  |         |                                  |
|---------|--|---------|----------------------------------|
| 028     | Mississippi                            | 100-199 | EUROPE                           |
| 029     | Missouri                               |         |                                  |
| 030     | Montana                                | 100     | Albania                          |
| 031     | Nebraska                               | 101     | Andorra                          |
| 032     | Nevada                                 | 102     | Austria                          |
| 033     | New Hampshire                          | 103     | Belgium                          |
| 034     | New Jersey                             | 104     | Bulgaria                         |
| 035     | New Mexico                             | 105     | Czechoslovakia                   |
| 036     | New York                               | 106     | Denmark                          |
| 037     | North Carolina                         | 107     | Faroe Islands                    |
| 038     | North Dakota                           | 108     | Finland                          |
| 039     | Ohio                                   | 109     | France                           |
| 040     | Oklahoma                               | 110     | Germany, not specified           |
| 041     | Oregon                                 |         |                                  |
| 042-043 | Pennsylvania                           | 111     | West Germany                     |
| 044     | Rhode Island                           | 112     | West Berlin                      |
| 045     | South Carolina                         | 113     | East Berlin                      |
| 046     | South Dakota                           | 114     | East Germany                     |
| 047     | Tennessee                              | 115     | Gibraltar                        |
| 048     | Texas                                  | 116     | Greece                           |
| 049     | Utah                                   | 117     | Hungary                          |
| 050     | Vermont                                | 118     | Iceland                          |
| 051-052 | Virginia                               | 119     | Ireland                          |
| 053     | Washington                             | 120     | Italy                            |
| 054     | West Virginia                          | 121     | Jan Mayen                        |
| 055     | Wisconsin                              | 122     | Liechtenstein                    |
| 056-059 | Wyoming                                | 123     | Luxembourg                       |
|         |  | 124     | Malta                            |
| 060-099 | U.S. OUTLYING AREAS<br>AND PUERTO RICO | 125     | Monaco                           |
|         |  | 126     | Netherlands                      |
|         |  | 127     | Norway                           |
| 060-065 | American Samoa                         | 128     | Poland                           |
| 066     | Guam                                   | 129     | Portugal                         |
| 067-068 | Johnston Atoll                         | 130     | Azores Islands                   |
| 069-070 | Northern Mariana Islands               | 131     | Madeira Islands                  |
| 071     | Midway Islands                         | 132     | Romania                          |
| 072-075 | Puerto Rico                            | 133     | San Marino                       |
| 076-077 | Navassa Island                         | 134     | Spain                            |
| 078     | U.S. Virgin Islands                    | 135     | Svalbard                         |
| 079-080 | Wake Island                            | 136     | Sweden                           |
| 081-083 | Baker Island                           | 137     | Switzerland                      |
| 084-085 | Howland Island                         | 138     | United Kingdom,<br>not specified |
| 086-088 | Jarvis Island                          |         |                                  |
| 089-094 | Kingman Reef                           | 139     | England                          |
| 095     | Palmyra Atoll                          | 140     | Scotland                         |
| 096-099 | U.S. territory,<br>not specified       | 141     | Wales                            |
|         |  | 142     | Northern Ireland                 |

|         |  |         |  |
|---------|--|---------|--|
| 143     | Guernsey   | 220     | Kuwait                                 |
| 144     | Jersey   | 221     | Laos                                   |
| 145     | Isle of Man                                      | 222     | Lebanon                                |
| 146     | Vatican City                                     | 223     | Macau                                  |
| 147     | Yugoslavia                                       | 224     | Malaysia                               |
| 148     | Europe, not specified                            | 225     | Maldives                               |
| 149     | Central Europe,<br>not specified                 | 226     | Mongolia                               |
|         |  | 227     | Nepal                                  |
| 150     | Eastern Europe,<br>not specified                 | 228     | Oman                                   |
|         |  | 229     | Pakistan                               |
| 151     | Lapland, not<br>specified                        | 230     | Paracel Islands                        |
|         |  | 231     | Philippines                            |
| 152     | Northern Europe,<br>not specified                | 232     | Qatar                                  |
|         |  | 233     | Saudi Arabia                           |
| 153     | Southern Europe,<br>not specified                | 234     | Singapore                              |
|         |  | 235     | Spratley Islands                       |
| 154-179 | Western Europe,<br>not specified                 | 236     | Sri Lanka                              |
|         |  | 237     | Syria                                  |
| 180     | Union of Soviet<br>Socialist Republics<br>(USSR) | 238     | Taiwan                                 |
|         |  | 239     | Thailand                               |
|         |  | 240     | Turkey                                 |
| 181     | Baltic States,<br>not specified                  | 241     | United Arab Emirates                   |
|         |  | 242     | Vietnam                                |
| 182     | Estonia  | 243     | Yemen, People's<br>Democratic Republic |
| 183     | Latvia   |         | Yemen Arab Republic                    |
| 184-199 | Lithuania  | 244     | Asia, not specified                    |
|         |  | 245     | Asia Minor, not<br>specified           |
| 200-299 | ASIA   | 246     | East Asia, not<br>specified            |
| 200     | Afghanistan                                      | 247     | Gaza Strip                             |
| 201     | Bahrain  |         | Indochina, not<br>specified            |
| 202     | Bangladesh                                       | 248     | Iraq-Saudi Arabia<br>Neutral Zone      |
| 203     | Bhutan   | 249     | Mesopotamia, not<br>specified          |
| 204     | Brunei   |         | Middle East, not<br>specified          |
| 205     | Burma  | 250     | Palestine, not<br>specified            |
| 206     | Cambodia   |         | Persian Gulf States,<br>not specified  |
| 207     | China  | 251     | Southeast Asia,<br>not specified       |
| 208     | Cyprus   |         | West Bank                              |
| 209     | Hong Kong  | 252     |  |
| 210     | India  |         |  |
| 211     | Indonesia  | 253     |  |
| 212     | Iran   |         |  |
| 213     | Iraq   | 254     |  |
| 214     | Israel   |         |  |
| 215     | Japan  | 255     |  |
| 216     | Jordan   |         |  |
| 217     | Korea, not specified                             | 256-299 |  |
| 218     | South Korea                                      |         |  |
| 219     | North Korea                                      | 300-399 | AMERICA                                |

|         |                                |         |                                    |
|---------|--------------------------------|---------|------------------------------------|
| 300-309 | NORTH AMERICA                  | 353     | Caribbean, not specified           |
| 300     | Bermuda                        | 354     | Antilles, not specified            |
| 301     | Canada                         |         |                                    |
| 302     | Greenland                      | 355     | British West Indies, not specified |
| 303     | St. Pierre and Miquelon        | 356     | Latin America, not specified       |
| 304-309 | North America, not specified   | 357     | Leeward Islands, not specified     |
| 310-329 | CENTRAL AMERICA                | 358     | West Indies, not specified         |
| 310     | Belize                         | 359-374 | Windward Islands, not specified    |
| 311     | Costa Rica                     |         |                                    |
| 312     | El Salvador                    |         |                                    |
| 313     | Guatemala                      | 375-399 | SOUTH AMERICA                      |
| 314     | Honduras                       |         |                                    |
| 315     | Mexico                         | 375     | Argentina                          |
| 316     | Nicaragua                      | 376     | Bolivia                            |
| 317     | Panama                         | 377     | Brazil                             |
| 318-329 | Central America, not specified | 378     | Chile                              |
|         |                                | 379     | Colombia                           |
|         |                                | 380     | Ecuador                            |
| 330-374 | CARIBBEAN                      | 381     | Falkland Islands                   |
|         |                                | 382     | French Guiana                      |
| 330     | Anguilla                       | 383     | Guyana                             |
| 331     | Antigua and Barbuda            | 384     | Paraguay                           |
| 332     | Aruba                          | 385     | Peru                               |
| 333     | Bahamas                        | 386     | Suriname                           |
| 334     | Barbados                       | 387     | Uruguay                            |
| 335     | British Virgin Islands         | 388     | Venezuela                          |
| 336     | Cayman Islands                 | 389-399 | South America, not specified       |
| 337     | Cuba                           |         |                                    |
| 338     | Dominica                       |         |                                    |
| 339     | Dominican Republic             | 400-499 | AFRICA                             |
| 340     | Grenada                        |         |                                    |
| 341     | Guadeloupe                     | 400     | Algeria                            |
| 342     | Haiti                          | 401     | Angola                             |
| 343     | Jamaica                        | 402     | Bassas da India                    |
| 344     | Martinique                     | 403     | Benin                              |
| 345     | Montserrat                     | 404     | Botswana                           |
| 346     | Netherlands Antilles           | 405     | British Indian Ocean Territory     |
| 347     | St. Barthelemy                 |         |                                    |
| 348     | St. Kitts-Nevis                | 406     | Burkina Faso                       |
| 349     | St. Lucia                      | 407     | Burundi                            |
| 350     | St. Vincent and the Grenadines | 408     | Cameroon                           |
|         |                                | 409     | Cape Verde                         |
| 351     | Trinidad and Tobago            | 410     | Central African Republic           |
| 352     | Turks and Caicos Islands       | 411     | Chad                               |

|     |                       |         |   |
|-----|-----------------------|---------|---|
| 412 | Comoros               | 460     | Zambia                                  |
| 413 | Congo                 | 461     | Zimbabwe                                |
| 414 | Djibouti              | 462     | Africa, not specified                   |
| 415 | Egypt                 |         |   |
| 416 | Equatorial Guinea     | 463     | Central Africa, not specified           |
| 417 | Ethiopia              |         |   |
| 418 | Europa Island         | 464     | Eastern Africa, not specified           |
| 419 | Gabon                 |         |   |
| 420 | Gambia                | 465     | Equatorial Africa, not specified        |
| 421 | Ghana                 |         |   |
| 422 | Glorioso Islands      | 466     | French Equatorial Africa, not specified |
| 423 | Guinea                |         |   |
| 424 | Guinea-Bissau         | 467     | French West Africa, not specified       |
| 425 | Ivory Coast           |         |   |
| 426 | Juan de Nova Island   | 468     | North Africa, not specified             |
| 427 | Kenya                 |         |   |
| 428 | Lesotho               | 469     | Western Africa, not specified           |
| 429 | Liberia               |         |   |
| 430 | Libya                 | 470-499 | Southern Africa, not specified          |
| 431 | Madagascar            |         |   |
| 432 | Malawi                |         |   |
| 433 | Mali                  | 500-553 | OCEANIA                                 |
| 434 | Mauritania            |         |   |
| 435 | Mayotte               | 500     | Ashmore and Cartier Islands             |
| 436 | Morocco               |         |   |
| 437 | Mozambique            | 501     | Australia                               |
| 438 | Namibia               | 502     | Christmas Island, Indian Ocean          |
| 439 | Niger                 |         |   |
| 440 | Nigeria               | 503     | Clipperton Island                       |
| 441 | Reunion               | 504     | Cocos Islands                           |
| 442 | Rwanda                | 505     | Cook Islands                            |
| 443 | Sao Tome and Principe | 506     | Coral Sea Islands                       |
| 444 | Senegal               | 507     | Fiji                                    |
| 445 | Mauritius             | 508     | French Polynesia                        |
| 446 | Seychelles            | 509     | Kiribati                                |
| 447 | Sierra Leone          | 510     | Marshall Islands                        |
| 448 | Somalia               | 511     | Micronesia                              |
| 449 | South Africa          | 512     | Nauru                                   |
| 450 | St. Helena            | 513     | New Caledonia                           |
| 451 | Sudan                 | 514     | New Zealand                             |
| 452 | Swaziland             | 515     | Niue                                    |
| 453 | Tanzania              | 516     | Norfolk Island                          |
| 454 | Togo                  | 517     | Palau                                   |
| 455 | Tromelin Island       | 518     | Papua New Guinea                        |
| 456 | Tunisia               | 519     | Pitcairn Islands                        |
| 457 | Uganda                | 520     | Solomon Islands                         |
| 458 | Western Sahara        | 521     | Tokelau                                 |
| 459 | Zaire                 | 522     | Tonga                                   |
|     |                       | 523     | Tuvalu                                  |

|         |  |
|---------|--|
| 524     | Vanuatu                                |
| 525     | Wallis and Futuna<br>Islands           |
| 526     | Western Samoa                          |
| 527     | Oceania, not<br>specified              |
| 528     | Polynesia, not<br>specified            |
| 529-549 | Melanesia, not<br>specified            |
| 550     | Antarctica                             |
| 551     | Bouvet Island                          |
| 552     | French Southern and<br>Antarctic Lands |
| 553     | Heard and McDonald<br>Islands          |
| 554-999 | AT SEA/ABROAD, NOT<br>SPECIFIED        |
| 554     | At sea                                 |
| 555-999 | Abroad, not<br>specified               |



## RACE

This section contains the alphabetical code list for race and American Indian tribes. The list of race groups and American Indian tribes with their associated 3-digit numerical code was used to code the Asian or Pacific Islander, American Indian, Eskimo, or Aleut, and the Other race write-in entries. A separate set of 3-digit numerical codes were used to identify FOSDIC circles for the race categories listed in the race item on the questionnaire. These codes and their respective race categories are: White-971, Black or Negro-972, Indian (Amer.)-973, Eskimo-974, Aleut-975, Chinese-976, Filipino-977, Hawaiian-978, Korean-979, Vietnamese-980, Japanese-981, Asian Indian-982, Samoan-983, Guamanian-984, Other Asian or Pacific Islander-985, and Other race-986.

|                 |                              |     |                  |
|-----------------|------------------------------|-----|------------------|
| 000-599,<br>973 | AMERICAN INDIAN              | 031 | Duwamish         |
|                 |                              | 032 | Kikiallus        |
|                 |                              | 033 | Lower Skagit     |
| 000-001         | Ahtna                        | 034 | Muckleshoot      |
| 002             | Biorka                       | 035 | Nisqually        |
| 003             | Reserve American<br>Indian 1 | 036 | Puyallup         |
|                 |                              | 037 | Samish           |
| 004-005         | Bristol Bay                  | 038 | Sauk-Suiattle    |
| 006             | Chaneliak                    | 039 | Upper Skagit     |
| 007             | Chugach                      | 040 | Skykomish        |
| 008             | Tanaina                      | 041 | Snohomish        |
| 009             | Doyon                        | 042 | Snoqualmie       |
| 010             | Kodiak                       | 043 | Squaxin Island   |
| 011             | Reserve American<br>Indian 2 | 044 | Steilacoom       |
|                 |                              | 045 | Stillaguamish    |
| 012             | Sealaska                     | 046 | Suquamish        |
| 013             | Umpqua                       | 047 | Swinomish        |
| 014             | Alaskan Athabaskan           | 048 | Tulalip          |
| 015             | Alaska Native                | 049 | Port Madison     |
| 016             | Haida                        | 050 | Quinalt          |
| 017             | Tlingit                      | 051 | Quileute         |
| 018             | Tsimshian                    | 052 | Hoh              |
| 019             | Alaska Indian                | 053 | Makah            |
| 020             | Chehalis                     | 054 | Talakamish       |
| 021             | Chemakum                     | 055 | Chinook          |
| 022             | Klallam                      | 056 | Clatsop          |
| 023             | Jamestown                    | 057 | Kathlamet        |
| 024             | Lower Elwha                  | 058 | Columbia River   |
| 025             | Port Gamble Klallam          |     | Chinook          |
| 026             | Coquilles                    | 059 | Upper Chinook    |
| 027             | Cowlitz                      | 060 | Wakiakum Chinook |
| 028             | Lummi                        | 061 | Willapa Chinook  |
| 029             | Nooksack                     | 062 | Alsea            |
| 030             | Puget Sound Salish           | 063 | Cayuse           |

|     |                   |     |                     |
|-----|-------------------|-----|---------------------|
| 064 | Celilo            | 113 | Modoc               |
| 065 | Coos              | 114 | Mono                |
| 066 | Kalapuya          | 115 | Nomalaki            |
| 067 | Klamath           | 116 | Pala                |
| 068 | Molala            | 117 | Pechanga            |
| 069 | Oregon Athabaskan | 118 | Pauma               |
| 070 | Siuslaw           | 119 | Pit River           |
| 071 | Takelma           | 120 | Pomo                |
| 072 | Tenino            | 121 | Dry Creek           |
| 073 | Tillamook         | 122 | Northern Pomo       |
| 074 | Tygh              | 123 | Kashaya             |
| 075 | Umatilla          | 124 | Central Pomo        |
| 076 | Walla-Walla       | 125 | Stonyford           |
| 077 | Yahooskin         | 126 | Eastern Pomo        |
| 078 | Yakima            | 127 | Sulphur Bank        |
| 079 | Skokomish         | 128 | Salinan             |
| 080 | Agua Caliente     | 129 | San Manual          |
|     | Cahuilla          | 130 | San Pascual         |
| 081 | Augustine         | 131 | Santa Rosa Cahuilla |
| 082 | Cabazon           | 132 | Santa Ynez          |
| 083 | Cahto             | 133 | Santa Ysabel        |
| 084 | Cahuilla          | 134 | Serrano             |
| 085 | Campo             | 135 | Shasta              |
| 086 | Capitan Grande    | 136 | Soboba              |
| 087 | Chemehuevi        | 137 | Sycuan              |
| 088 | Chimariko         | 138 | Tolowa              |
| 089 | Chumash           | 139 | Torres-Martinez     |
| 090 | Costanoan         | 140 | Kern River          |
| 091 | Cupeno            | 141 | Tule River          |
| 092 | Cuyapaipa         | 142 | Twenty-Nine Palms   |
| 093 | Diegueno          | 143 | Wailaki             |
| 094 | Digger            | 144 | Wappo               |
| 095 | Gabrieleno        | 145 | Whilkut             |
| 096 | Hoopa             | 146 | Wintu               |
| 097 | Inaja Cosmit      | 147 | Wiyot               |
| 098 | Karok             | 148 | Yana                |
| 099 | Kawaiisu          | 149 | Yokuts              |
| 100 | La Jolla          | 150 | Tachi               |
| 101 | Lassik            | 151 | Chukchansi          |
| 102 | La Posta          | 152 | Yuki                |
| 103 | Luiseno           | 153 | Yurok               |
| 104 | Maidu             | 154 | Reserve American    |
| 105 | Manzanita         |     | Indian 3            |
| 106 | Mesa Grande       | 155 | Columbia            |
| 107 | Mountain Maidu    | 156 | Kalispel            |
| 108 | Nishinam          | 157 | Salish              |
| 109 | Konkow            | 158 | Coeur D'Alene       |
| 110 | Mattole           | 159 | Colville            |
| 111 | Miwok             | 160 | Spokane             |
| 112 | Coast Miwok       | 161 | Nez Perce           |

|     |                     |         |                     |
|-----|---------------------|---------|---------------------|
| 162 | Washo               | 209-210 | Havasupai           |
| 163 | Alpine              | 211     | Hualapai            |
| 164 | Carson              | 212     | Yavapai             |
| 165 | Dresslerville       | 213     | Maricopa            |
| 166 | Stewart             | 214     | Quechan             |
| 167 | Wishram             | 215     | Cocopah             |
| 168 | Hoopa Extension     | 216     | Mohave              |
| 169 | Trinity             | 217     | Pima                |
| 170 | Ute                 | 218     | Tohono O'Odham      |
| 171 | Allen Canyon        | 219     | Gila Bend           |
| 172 | Uintah Ute          | 220     | Ak-Chin             |
| 173 | Ute Mountain Ute    | 221     | San Xavier          |
| 174 | Shoshone Paiute     | 222     | Sells               |
| 175 | Paiute              | 223     | Yaqui               |
| 176 | Northern Paiute     | 224     | Pascua Yaqui        |
| 177 | Cedarville          | 225     | Barrio Libre        |
| 178 | Pyramid Lake        | 226     | Mississippi Choctaw |
| 179 | Fort Bidwell        | 227     | Reserve American    |
| 180 | Las Vegas           |         | Indian 6            |
| 181 | Lovelock            | 228     | Jena Choctaw        |
| 182 | Utu Utu Gwaitu      | 229     | Pueblo              |
|     | Paiute              | 230     | Tigua               |
| 183 | Fort Independence   | 231     | Taos                |
| 184 | Bridgeport          | 232     | Picuris             |
| 185 | Burns Paiute        | 233     | Sandia              |
| 186 | Yerington Paiute    | 234     | Isleta              |
| 187 | Walker River        | 235     | Keres               |
| 188 | Southern Paiute     | 236     | Acoma               |
| 189 | Kaibab              | 237     | Cochiti             |
| 190 | Moapa               | 238     | Laguna              |
| 191 | Owens Valley        | 239     | San Felipe          |
| 192 | Summit Lake         | 240     | Santa Ana           |
| 193 | Aroostook           | 241     | Santo Domingo       |
| 194 | Reserve American    | 242     | Zia                 |
|     | Indian 5            | 243     | Tewa                |
| 195 | Shoshone            | 244     | Nambe               |
| 196 | Battle Mountain     | 245     | Pojoaque            |
| 197 | Duck Water          | 246     | San Ildefonso       |
| 198 | Elko                | 247     | San Juan Pueblo     |
| 199 | Ely                 | 248     | Santa Clara         |
| 200 | Goshute             | 249     | Tesuque             |
| 201 | Panamint            | 250     | Arizona Tewa        |
| 202 | Ruby Valley         | 251     | Jemez               |
| 203 | South Fork Shoshone | 252     | Hopi                |
| 204 | Washakie            | 253     | Zuni                |
| 205 | Yomba               | 254     | San Juan de         |
| 206 | Te-Moak Western     | 255     | Apache              |
|     | Shoshone            | 256     | Oklahoma Apache     |
| 207 | Bannock             | 257     | Jicarilla Apache    |
| 208 | Kootenai            | 258     | Lipan Apache        |

|     |                               |     |                              |
|-----|-------------------------------|-----|------------------------------|
| 259 | Mescalero Apache              | 298 | Teton Sioux                  |
| 260 | Chiricahua                    | 299 | Brule Sioux                  |
| 261 | Fort Sill Apache              | 300 | Lower Brule Sioux            |
| 262 | San Carlos Apache             | 301 | Sans Arc Sioux               |
| 263 | Payson Apache                 | 302 | Two Kettle Sioux             |
| 264 | White Mountain<br>Apache      | 303 | Blackfoot Sioux              |
| 265 | Reserve American<br>Indian 7  | 304 | Oglala Sioux                 |
| 266 | Reserve American<br>Indian 8  | 305 | Miniconjou                   |
| 267 | Reserve American<br>Indian 9  | 306 | Yanktonai Sioux              |
| 268 | Reserve American<br>Indian 10 | 307 | Yankton Sioux                |
| 269 | Reserve American<br>Indian 11 | 308 | Santee Sioux                 |
| 270 | Reserve American<br>Indian 12 | 309 | Sisseton Sioux               |
| 271 | Reserve American<br>Indian 13 | 310 | Mdewakanton Sioux            |
| 272 | Reserve American<br>Indian 14 | 311 | Wahpekute Sioux              |
| 273 | Reserve American<br>Indian 15 | 312 | Wahpeton Sioux               |
| 274 | Reserve American<br>Indian 16 | 313 | Assiniboine                  |
| 275 | Navajo                        | 314 | Iowa                         |
| 276 | Kiowa                         | 315 | Otoe-Missouria               |
| 277 | Tonkawa                       | 316 | Winnebago                    |
| 278 | Oklahoma Caddo                | 317 | Kaw                          |
| 279 | Arikara                       | 318 | Omaha                        |
| 280 | Oklahoma Pawnee               | 319 | Ponca                        |
| 281 | Wichita                       | 320 | Osage                        |
| 282 | Sioux                         | 321 | Quapaw                       |
| 283 | Cheyenne River Sioux          | 322 | Crow                         |
| 284 | Crow Creek Sioux              | 323 | Hidatsa                      |
| 285 | Devils Lake Sioux             | 324 | Mandan                       |
| 286 | Flandreau Santee              | 325 | Comanche                     |
| 287 | Fort Peck                     | 326 | Dakota Sioux                 |
| 288 | Standing Rock Sioux           | 327 | Wazhaza Sioux                |
| 289 | Lake Traverse Sioux           | 328 | Nebraska Winnebago           |
| 290 | Lower Sioux                   | 329 | Wisconsin Winnebago          |
| 291 | Pine Ridge Sioux              | 330 | Chippewa                     |
| 292 | Pipestone Sioux               | 331 | Bay Mills Chippewa           |
| 293 | Prairie Island Sioux          | 332 | Sault Ste. Marie<br>Chippewa |
| 294 | Prior Lake                    | 333 | Saginaw Chippewa             |
| 295 | Rosebud Sioux                 | 334 | Keweenaw                     |
| 296 | Upper Sioux                   | 335 | Lac Vieux Desert<br>Chippewa |
| 297 | Sisseton-Wahpeton<br>Sioux    | 336 | Ontonagon                    |
|     |                               | 337 | Leelanau                     |
|     |                               | 338 | Minnesota Chippewa           |
|     |                               | 339 | Boise Forte                  |
|     |                               | 340 | Grand Portage                |
|     |                               | 341 | Fond Du Lac                  |
|     |                               | 342 | Leech Lake                   |
|     |                               | 343 | Mille Lac                    |
|     |                               | 344 | White Earth                  |
|     |                               | 345 | Red Lake Chippewa            |
|     |                               | 346 | Lake Superior                |

|     |                      |     |                   |
|-----|----------------------|-----|-------------------|
| 347 | Bad River            | 392 | Narragansett      |
| 348 | Lac Courte Oreilles  | 393 | Pequot            |
| 349 | Lac Du Flambeau      | 394 | Mohegan           |
| 350 | Red Cliff Chippewa   | 395 | Paugussett        |
| 351 | St. Croix Chippewa   | 396 | Schaghticoke      |
| 352 | Sokoagon Chippewa    | 397 | Brotherton        |
| 353 | Turtle Mountain      | 398 | Shinnecock        |
| 354 | Rocky Boy's Cree     | 399 | Stockbridge       |
| 355 | Burt Lake Chippewa   | 400 | Munsee            |
| 356 | Burt Lake Band       | 401 | Delaware          |
| 357 | Reserve American     | 402 | Sand Hill         |
|     | Indian 19            | 403 | Absentee Shawnee  |
| 358 | Reserve American     | 404 | Clifton Choctaw   |
|     | Indian 20            | 405 | Iroquois          |
| 359 | Burt Lake Ottawa     | 406 | Seneca            |
| 360 | Blackfoot            | 407 | Seneca Nation     |
| 361 | Cheyenne             | 408 | Tonawanda Seneca  |
| 362 | Northern Cheyenne    | 409 | Seneca-Cayuga     |
| 363 | Southern Cheyenne    | 410 | Cayuga            |
| 364 | Arapaho              | 411 | Onondaga          |
| 365 | Atsina               | 412 | Oneida            |
| 366 | Menominee            | 413 | Mohawk            |
| 367 | Potawatomie          | 414 | Tuscarora         |
| 368 | Citizen Band         | 415 | Wyandotte         |
|     | Potawatomi           | 416 | Cherokee          |
| 369 | Forest County        | 417 | Eastern Cherokee  |
| 370 | Hannahville          | 418 | Western Cherokee  |
| 371 | Huron Potawatomi     | 419 | Etowah Cherokee   |
| 372 | Pogagon Potawatomi   | 420 | United Keetoowah  |
| 373 | Prairie Band         |     | Band              |
| 374 | Wisconsin Potawatomi | 421 | Tuscola           |
| 375 | Ottawa               | 422 | Northern Cherokee |
| 376 | Miami                | 423 | Eastern Muskogee  |
| 377 | Sac and Fox          | 424 | Agua Caliente     |
| 378 | Peoria               | 425 | Creek             |
| 379 | Sac and Fox-         | 426 | Thlopthlocco      |
|     | Mesquakie            | 427 | Yuchi             |
| 380 | Kickapoo             | 428 | Hitchiti          |
| 381 | Shawnee              | 429 | Eastern Creek     |
| 382 | Algonquian           | 430 | Principal Creek   |
| 383 | Micmac               |     | Indian Nation     |
| 384 | Mailseet             | 431 | Poarch Band       |
| 385 | Passamaquoddy        | 432 | Lower Muskogee    |
| 386 | Pleasant Point       | 433 | Alabama Coushatta |
|     | Passamaquoddy        | 434 | Choctaw           |
| 387 | Indian Township      | 435 | Houma             |
| 388 | Penobscot            | 436 | Chickasaw         |
| 389 | Abenaki              | 437 | Miccosukee        |
| 390 | Wampanoag            | 438 | Seminole          |
| 391 | Nipmuc               | 439 | Oklahoma Seminole |

|     |                      |     |                      |
|-----|----------------------|-----|----------------------|
| 440 | Florida Seminole     | 486 | Grand Ronde          |
| 441 | Big Cypress          | 487 | Los Coyotes          |
| 442 | Brighton             | 488 | Mission Indians      |
| 443 | Hollywood Seminole   | 489 | Morongo              |
| 444 | Natchez              | 490 | Reno-Sparks          |
| 445 | Matinecock           | 491 | Round Valley         |
| 446 | Montauk              | 492 | Shoalwater           |
| 447 | Poospatuck           | 493 | Siletz               |
| 448 | Setauket             | 494 | Skull Valley         |
| 449 | Tuckabachee          | 495 | Susanville           |
| 450 | Nanticoke            | 496 | Table Bluff          |
| 451 | Piscataway           | 497 | Wascopum             |
| 452 | Nansemond            | 498 | Wind River           |
| 453 | Chickahominy         | 499 | Winnemucca           |
| 454 | Pamunkey             | 500 | Yavapai Apache       |
| 455 | Mattaponi            | 501 | Reserve American     |
| 456 | Rappahannock         |     | Indian 27            |
| 457 | Attacapa             | 502 | Gros Ventres         |
| 458 | Biloxi               | 503 | Scott Valley         |
| 459 | Catawba              | 504 | Warm Springs         |
| 460 | Chitimacha           | 505 | Santa Rosa           |
| 461 | Coharie              | 506 | San Juan             |
| 462 | Croatan              | 507 | Red Wood             |
| 463 | Haliwa               | 508 | Salish and Kootenai  |
| 464 | Lumbee               | 509 | Georgetown           |
| 465 | Moor                 | 510 | Clear Lake           |
| 466 | Powhatan             | 511 | Yakima Cowlitz       |
| 467 | Tunica               | 512 | Scotts Valley        |
| 468 | Wesort               | 513 | Cheyenne-Arapaho     |
| 469 | Southeastern Indians | 514 | Northern Arapaho     |
| 470 | Cajun                | 515 | Southern Arapaho     |
| 471 | Coushatta            | 516 | Mashpee Wampanoag    |
| 472 | Reserve American     | 517 | Gay Head Wampanoag   |
|     | Indian 23            | 518 | Timbi-Sha Shoshone   |
| 473 | Reserve American     | 519 | Juaneno              |
|     | Indian 24            | 520 | Oklahoma Choctaw     |
| 474 | Reserve American     | 521 | Oklahoma Modoc       |
|     | Indian 25            | 522 | Oklahoma Kiowa       |
| 475 | Reserve American     | 523 | Oklahoma Comanche    |
|     | Indian 26            | 524 | Oklahoma Iowa        |
| 476 | Colorado River       | 525 | Canadian Indian      |
| 477 | Duck Valley          | 526 | Oklahoma Ponca       |
| 478 | Fallon               | 527 | Oklahoma Ottawa      |
| 479 | Fort Belknap         | 528 | Oklahoma Miami       |
| 480 | Fort Berthold        | 529 | Oklahoma Peoria      |
| 481 | Fort Hall            | 530 | Oklahoma Sac and Fox |
| 482 | Fort McDermitt       | 531 | Oklahoma Kickapoo    |
| 483 | Fort McDowell        | 532 | Oklahoma Delaware    |
| 484 | Cow Creek Umpqua     | 533 | Caddo                |
| 485 | Gila River           | 534 | Pawnee               |

|     |                                   |                       |  |
|-----|-----------------------------------|-----------------------|--|
| 535 | Michigan Ottawa                   | 572                   | Wicomico                                     |
| 536 | Indiana Miami                     | 573                   | Piro   |
| 537 | Missouri Sac and Fox              | 574                   | Illinois Miami                               |
| 538 | Eastern Shawnee                   | 575                   | Tunica Biloxi                                |
| 539 | Cherokee Shawnee                  | 576-597               | American Indian                              |
| 540 | Kialegee                          | 598                   | Tribal response, not<br>elsewhere classified |
| 541 | Alabama Quassarte                 |                       | Reserve American                             |
| 542 | Malheur Paiute                    | 599                   | Indian 38                                    |
| 543 | Wenatchee                         |                       | American Indian                              |
| 544 | Little Shell<br>Chippewa          | 973                   | (FOSDIC circle)                              |
| 545 | Illinois                          |                       |  |
| 546 | Rampough Mountain                 | 600-699,              | ASIAN OR PACIFIC                             |
| 547 | Lenni-Lenape                      | 976-985               | ISLANDER                                     |
| 548 | Amerind White                     |                       |  |
| 549 | Amerind Black                     | 600-652,              | ASIAN  |
| 550 | Mexican American<br>Indian        | 976, 977,<br>979-982, |  |
| 551 | Central American<br>Indian        | 985                   |  |
| 552 | South American<br>Indian          | 600<br>601            | Asian Indian<br>Bangladeshi                  |
| 553 | French American<br>Indian         | 602<br>603            | Bhutanese<br>Burmese                         |
| 554 | Spanish American<br>Indian        | 604                   | Cambodian<br>(Kampuchean)                    |
| 555 | Cherokees of<br>Southeast Alabama | 605<br>606            | Chinese<br>Taiwanese                         |
| 556 | Cherokees of<br>Northeast Alabama | 607<br>608            | Formosan<br>Filipino                         |
| 557 | Echota Cherokee                   | 609                   | Hmong  |
| 558 | MaChis Lower Creek<br>Indian      | 610<br>611            | Indonesian<br>Japanese                       |
| 559 | MOWA Band of Choctaw              | 612                   | Korean                                       |
| 560 | Star Clan of Muskogee<br>Creeks   | 613<br>614            | Laotian<br>Malayan                           |
| 561 | Eastern Delaware                  | 615                   | Okinawan                                     |
| 562 | Cherokee Alabama                  | 616                   | Pakistani                                    |
| 563 | Reserve American<br>Indian 36     | 617<br>618            | Sri Lankan<br>Thai                           |
| 564 | Reserve American<br>Indian 37     | 619<br>620            | Vietnamese<br>Amerasian                      |
| 565 | Mexican Indian<br>Cherokee        | 621<br>622            | Asian<br>Asiatic                             |
| 566 | Eastern Chickahominy              | 623                   | Eurasian                                     |
| 567 | Western Chickahominy              | 624                   | Mongolian                                    |
| 568 | Waccamaw-Siouan                   | 625                   | Oriental                                     |
| 569 | Nausu Waiwash                     | 626                   | Whello                                       |
| 570 | Pocomoke Acohonock                | 627                   | Yellow                                       |
| 571 | Susquehanock                      | 628                   | Borneo                                       |

|                              |   |          |                            |
|------------------------------|---|----------|----------------------------|
| 629                          | Celebesian                                      | 657      | Tongan                     |
| 630                          | Ceram   | 658      | Polynesian                 |
| 631                          | Indo-Chinese                                    | 659      | Tokelauan                  |
| 632                          | Iwo Jiman                                       | 978      | Hawaiian (FOSDIC circle)   |
| 633                          | Javanese  |          |                            |
| 634                          | Maldivian                                       | 983      | Samoan (FOSDIC circle)     |
| 635                          | Nepali  |          |                            |
| 636                          | Sikkim  |          |                            |
| 637                          | Singaporean                                     | 660-675, | MICRONESIAN                |
| 638                          | Sumatran  | 984      |                            |
| 639                          | Madagascar                                      |          |                            |
| 640                          | Reserve Asian 2                                 | 660      | Guamanian                  |
| 641                          | Reserve Asian 3                                 | 661      | Mariana Islander           |
| 642                          | Reserve Asian 4                                 | 662      | Marshallese                |
| 643                          | Reserve Asian 5                                 | 663      | Palauan                    |
| 644                          | Reserve Asian 6                                 | 664      | Bikinian                   |
| 645                          | Reserve Asian 7                                 | 665      | Carolinian                 |
| 646                          | Reserve Asian 8                                 | 666      | Eniwetok                   |
| 647                          | Reserve Asian 9                                 | 667      | Kosraean                   |
| 648                          | Reserve Asian 10                                | 668      | Kwajalein                  |
| 649                          | Reserve Asian 11                                | 669      | Micronesian                |
| 650                          | Reserve Asian 12                                | 670      | Ponapean (Pohnpeian)       |
| 651                          | Reserve Asian 13                                | 671      | Saipanese                  |
| 652                          | Reserve Asian 14                                | 672      | Tarawa Islander            |
| 976                          | Chinese (FOSDIC circle)                         | 673      | Tinian                     |
| 977                          | Filipino (FOSDIC circle)                        | 674      | Trukese (Chuukese)         |
| 979                          | Korean (FOSDIC circle)                          | 675      | Yapese                     |
| 980                          | Vietnamese (FOSDIC circle)                      | 984      | Guamanian (FOSDIC circle)  |
| 981                          | Japanese (FOSDIC circle)                        | 676-680  | MELANESIAN                 |
| 982                          | Asian Indian (FOSDIC circle)                    | 676      | Fijian                     |
| 985                          | Other Asian or Pacific Islander (FOSDIC circle) | 677      | Melanesian                 |
|                              |   | 678      | Papua New Guinean          |
|                              |   | 679      | Solomon Islander           |
|                              |   | 680      | New Hebrides               |
| 653-699,<br>978, 983,<br>984 | PACIFIC ISLANDER                                | 681-699  | OTHER PACIFIC ISLANDER     |
| 653-659,<br>978, 983         | POLYNESIAN                                      | 681      | Pacific Islander           |
| 653                          | Hawaiian  | 682      | Reserve Pacific Islander 1 |
| 654                          | Part Hawaiian                                   | 683      | Reserve Pacific Islander 2 |
| 655                          | Samoan  | 684      | Reserve Pacific Islander 3 |
| 656                          | Tahitian  | 685      | Reserve Pacific Islander 4 |



|                          |  |                             |                           |
|--------------------------|--|-----------------------------|---------------------------|
| 686                      | Reserve Pacific<br>Islander 5          | 716                         | Guatemalan                |
| 687                      | Reserve Pacific<br>Islander 6          | 717                         | Hispanic                  |
| 688                      | Reserve Pacific<br>Islander 7          | 718                         | Honduran                  |
| 689                      | Reserve Pacific<br>Islander 8          | 719                         | La Raza                   |
| 690                      | Reserve Pacific<br>Islander 9          | 720                         | Latin American            |
| 691                      | Reserve Pacific<br>Islander 10         | 721                         | Mestizo                   |
| 692                      | Reserve Pacific<br>Islander 11         | 722                         | Mexican                   |
| 693                      | Reserve Pacific<br>Islander 12         | 723                         | Nicaraguan                |
| 694                      | Reserve Pacific<br>Islander 13         | 724                         | Panamanian                |
| 695                      | Reserve Pacific<br>Islander 14         | 725                         | Paraguayo                 |
| 696                      | Asian or Pacific<br>Islander           | 726                         | Peruvian                  |
| 697                      | Reserve Asian or<br>Pacific Islander 1 | 727                         | Puerto Rican              |
| 698                      | Reserve Asian or<br>Pacific Islander 2 | 728                         | Morena                    |
| 699                      | Reserve Asian or<br>Pacific Islander 3 | 729                         | South American            |
| 700-799,<br>986, 987-999 | OTHER RACE                             | 730                         | Spanish                   |
|                          |  | 731                         | Spanish-American          |
|                          |  | 732                         | Spanish-Mexican           |
|                          |  | 733                         | Sudamericano              |
|                          |  | 734                         | Uruguayan                 |
|                          |  | 735                         | Venezuelan                |
|                          |  | 736                         | Reserve Hispanic 2        |
|                          |  | 737                         | Reserve Hispanic 3        |
|                          |  | 738                         | Reserve Hispanic 4        |
|                          |  | 739                         | Reserve Hispanic 5        |
|                          |  | 740                         | Reserve Hispanic 6        |
|                          |  | 741                         | Reserve Hispanic 7        |
|                          |  | 742                         | Reserve Hispanic 8        |
|                          |  | 743                         | Reserve Hispanic 9        |
|                          |  | 744                         | Reserve Hispanic 10       |
|                          |  | 745                         | Reserve Hispanic 11       |
|                          |  | 746                         | Reserve Hispanic 12       |
|                          |  | 747                         | Reserve Hispanic 13       |
| 700-748                  | HISPANIC ORIGIN                        | 748                         | Reserve Hispanic 14       |
| 700                      | Argentinian                            | 749-799,<br>986,<br>987-999 | NOT OF HISPANIC<br>ORIGIN |
| 701                      | Bolivian                               |                             |                           |
| 702                      | Boricua                                |                             |                           |
| 703                      | Californio                             |                             |                           |
| 704                      | Central American                       | 749-750                     | Brava                     |
| 705                      | Chicano                                | 751                         | Brazil                    |
| 706                      | Chilean                                | 752                         | Brown                     |
| 707                      | Colombian                              | 753                         | Bushwacker                |
| 708                      | Costa Rican                            | 754                         | Cajun                     |
| 709                      | Cuban                                  | 755                         | Cape Verdean              |
| 710                      | Dominican                              | 756                         | Chocolate                 |
| 711                      | Ecuadorian<br>(Ecuadorian)             | 757                         | Coe Clan                  |
| 712                      | Salvadoran                             | 758                         | Coffee                    |
| 713-714                  | Galapagos                              | 759                         | Cosmopolitan              |
| 715                      | Guajiro                                | 760                         | Issues                    |
|                          |  | 761                         | Jackson White             |

|                 |   |     |  |
|-----------------|---|-----|--|
| 762             | Lapp                                    | 804 | German                                   |
| 763             | Melungeon                               | 805 | Irish                                    |
| 764             | Mixed                                   | 806 | Italian                                  |
| 765             | Ramp                                    | 807 | Near Easterner                           |
| 766             | Tunica                                  | 808 | Polish                                   |
| 767             | Wesort                                  | 809 | Scottish                                 |
| 768             | Mulatto                                 | 810 | White and Black                          |
| 769             | Moor                                    | 811 | White Amerind                            |
| 770             | Biracial/Interracial                    | 812 | White Chinese                            |
| 771             | Creole                                  | 813 | White Formosan/<br>Taiwanese             |
| 772             | Indian                                  |     |  |
| 773             | Turk                                    | 814 | White Filipino                           |
| 774             | Half-Breed                              | 815 | White Hawaiian                           |
| 775             | Rainbow                                 | 816 | White Korean                             |
| 776             | Octoroon                                | 817 | White Vietnamese                         |
| 777             | Quadroon                                | 818 | White Japanese                           |
| 778             | Reserve Non-Hispanic 3                  | 819 | White Asian Indian                       |
| 779             | Reserve Non-Hispanic 4                  | 820 | White Samoan                             |
| 780             | Reserve Non-Hispanic 5                  | 821 | White Guamanian                          |
| 781             | Reserve Non-Hispanic 6                  | 822 | White Bangladeshi                        |
| 782             | Reserve Non-Hispanic 7                  | 823 | White Burmese                            |
| 783             | Reserve Non-Hispanic 8                  | 824 | White Cambodian<br>(Kampuchean)          |
| 784             | Reserve Non-Hispanic 9                  |     |  |
| 785             | Reserve Non-Hispanic 10                 | 825 | White Hmong                              |
| 786             | Reserve Non-Hispanic 11                 | 826 | White Indonesian                         |
| 787             | Reserve Non-Hispanic 12                 | 827 | White Laotian                            |
| 788             | Reserve Non-Hispanic 13                 | 828 | White Malayan                            |
| 789             | Reserve Non-Hispanic 14                 | 829 | White Okinawan                           |
| 790             | Reserve Non-Hispanic 15                 | 830 | White Pakistani                          |
| 791             | Reserve Non-Hispanic 16                 | 831 | White Sri Lankan                         |
| 792             | Reserve Non-Hispanic 17                 | 832 | White Thai                               |
| 793             | Reserve Non-Hispanic 18                 | 833 | White Fijian                             |
| 794             | Reserve Non-Hispanic 19                 | 834 | White Palauan                            |
| 795             | Reserve Non-Hispanic 20                 | 835 | White Tahitian                           |
| 796             | Reserve Non-Hispanic 21                 | 836 | White Tongan                             |
| 797             | Reserve Non-Hispanic 22                 | 837 | White Other Asian or<br>Pacific Islander |
| 798             | Trinidad                                |     |  |
| 799             | Other race, not<br>elsewhere classified | 838 | White Eskimo                             |
|                 |   | 839 | White Aleut                              |
| 986             | Other race (FOSDIC<br>circle)           | 840 | Reserve White 3                          |
|                 |   | 841 | Reserve White 4                          |
| 987-999         | Reserve Other race                      | 842 | Reserve White 5                          |
|                 |   | 843 | Reserve White 6                          |
| 800-869,<br>971 | WHITE                                   | 844 | Reserve White 7                          |
|                 |   | 845 | Reserve White 8                          |
|                 |   | 846 | Reserve White 9                          |
| 800             | White                                   | 847 | Reserve White 10                         |
| 801             | Arab                                    | 848 | Reserve White 11                         |
| 802             | English                                 | 849 | Reserve White 12                         |
| 803             | French                                  | 850 | Reserve White 13                         |

|          |                                 |          |  |
|----------|---------------------------------|----------|--|
| 851      | Reserve White 14                | 894      | Black Okinawan                           |
| 852      | Reserve White 15                | 895      | Black Pakistani                          |
| 853      | Reserve White 16                | 896      | Black Sri Lankan                         |
| 854      | Reserve White 17                | 897      | Black Thai                               |
| 855      | Reserve White 18                | 898      | Black Fijian                             |
| 856      | Reserve White 19                | 899      | Black Palauan                            |
| 857      | Reserve White 20                | 900      | Black Tahitian                           |
| 858      | Reserve White 21                | 901      | Black Tongan                             |
| 859      | Reserve White 22                | 902      | Black Other Asian or<br>Pacific Islander |
| 860      | Reserve White 23                |          |  |
| 861      | Reserve White 24                | 903      | Black Eskimo                             |
| 862      | Reserve White 25                | 904      | Black Aleut                              |
| 863      | Reserve White 26                | 905      | Reserve Black 3                          |
| 864      | Reserve White 27                | 906      | Reserve Black 4                          |
| 865      | Reserve White 28                | 907      | Reserve Black 5                          |
| 866      | Reserve White 29                | 908      | Reserve Black 6                          |
| 867      | Reserve White 30                | 909      | Reserve Black 7                          |
| 868      | Reserve White 31                | 910      | Reserve Black 8                          |
| 869      | White Cherokee                  | 911      | Reserve Black 9                          |
| 971      | White (FOSDIC circle)           | 912      | Reserve Black 10                         |
|          |                                 | 913      | Reserve Black 11                         |
| 870-934, | BLACK OR NEGRO                  | 914      | Reserve Black 12                         |
| 972      |                                 | 915      | Reserve Black 13                         |
|          |                                 | 916      | Reserve Black 14                         |
| 870      | Black                           | 917      | Reserve Black 15                         |
| 871      | African                         | 918      | Reserve Black 16                         |
| 872      | African American                | 919      | Reserve Black 17                         |
| 873      | Afro-American                   | 920      | Reserve Black 18                         |
| 874      | Nigritian                       | 921      | Reserve Black 19                         |
| 875      | Black and White                 | 922      | Reserve Black 20                         |
| 876      | Black Amerind                   | 923      | Reserve Black 21                         |
| 877      | Black Chinese                   | 924      | Reserve Black 22                         |
| 878      | Black Formosan/<br>Taiwanese    | 925      | Reserve Black 23                         |
|          |                                 | 926      | Reserve Black 24                         |
| 879      | Black Filipino                  | 927      | Reserve Black 25                         |
| 880      | Black Hawaiian                  | 928      | Reserve Black 26                         |
| 881      | Black Korean                    | 929      | Reserve Black 27                         |
| 882      | Black Vietnamese                | 930      | Reserve Black 28                         |
| 883      | Black Japanese                  | 931      | Reserve Black 29                         |
| 884      | Black Asian Indian              | 932      | Reserve Black 30                         |
| 885      | Black Samoan                    | 933      | Reserve Black 31                         |
| 886      | Black Guamanian                 | 934      | Black Cherokee                           |
| 887      | Black Bangladeshi               | 972      | Black or Negro<br>(FOSDIC circle)        |
| 888      | Black Burmese                   |          |  |
| 889      | Black Cambodian<br>(Kampuchean) | 935-940, | ESKIMO                                   |
| 890      | Black Hmong                     | 974      |  |
| 891      | Black Indonesian                |          |  |
| 892      | Black Laotian                   | 935      | Eskimo                                   |
| 893      | Black Malayan                   | 936      | Reserve Eskimo 1                         |

|                 |                           |
|-----------------|---------------------------|
| 937             | Reserve Eskimo 2          |
| 938             | Reserve Eskimo 3          |
| 939             | Reserve Eskimo 4          |
| 940             | Wales                     |
| 974             | Eskimo (FOSDIC<br>circle) |
| 941-970,<br>975 | ALEUT                     |
| 941             | Aleut                     |
| 942             | Reserve Aleut 1           |
| 943             | Reserve Aleut 2           |
| 944             | Reserve Aleut 3           |
| 945             | Reserve Aleut 4           |
| 946-970         | Reserve Aleut 5           |
| 975             | Aleut (FOSDIC circle)     |
| 971-986         | FOSDIC CIRCLE CODES       |
| 971             | See White                 |
| 972             | See Black or Negro        |
| 973             | See American Indian       |
| 974             | See Eskimo                |
| 975             | See Aleut                 |
| 976             | See Asian                 |
| 977             | See Asian                 |
| 978             | See Pacific Islander      |
| 979             | See Asian                 |
| 980             | See Asian                 |
| 981             | See Asian                 |
| 982             | See Asian                 |
| 983             | See Pacific Islander      |
| 984             | See Pacific Islander      |
| 985             | See Asian                 |
| 986             | See Other race            |
| 987-999         | RESERVE OTHER RACE        |