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

United States Department of Commerce
Bureau of the Census

ICPSR 6308

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

(ICPSR 6308)

Principal Investigator

United States Department of Commerce
Bureau of the Census

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Political and Social Research
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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 4C (ICPSR 6308)

SUMMARY: Summary Tape File STF 4C, which provides summaries for the entire United States, is comprised of sample data weighted to represent the total population and also contains 100-percent 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. Geographic coverage includes the United States, census regions, divisions, states, counties, places with 10,000 or more persons, minor civil divisions of 10,000 or more persons in selected states, and metropolitan and urbanized areas. 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.

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

NOTE: 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 + machine-readable documentation (PDF) + SAS data definition statements + SPSS data definition statements

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

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

Part 1: Record A: All Persons	Part 28: Record B: Puerto Rican
Part 2: Record B: All Persons	Part 29: Record B: Cuban
Part 3: Record B: All Persons, White	Part 30: Record B: Other Hispanic
Part 4: Record B: All Persons, Black	Part 31: Record B: Dominican (Dominican Republic)
Part 5: Record B: American Indian, Eskimo, or Aleut	Part 32: Record B: Central American
Part 6: Record B: American Indian	Part 33: Record B: Costa Rican
Part 7: Record B: Eskimo	Part 34: Record B: Guatemalan
Part 8: Record B: Aleut	Part 35: Record B: Honduran
Part 9: Record B: Asian or Pacific Islander	Part 36: Record B: Nicaraguan
Part 10: Record B: Asian	Part 37: Record B: Panamanian
Part 11: Record B: Chinese	Part 38: Record B: Salvadoran
Part 12: Record B: Filipino	Part 39: Record B: South American
Part 13: Record B: Japanese	Part 40: Record B: Argentinian
Part 14: Record B: Asian Indian	Part 41: Record B: Chilean
Part 15: Record B: Korean	Part 42: Record B: Colombian
Part 16: Record B: Vietnamese	Part 43: Record B: Ecuadorian
Part 17: Record B: Cambodian	Part 44: Record B: Peruvian
Part 18: Record B: Hmong	Part 45: Record B: Venezuelan
Part 19: Record B: Laotian	Part 46: Record B: White, Not of Hispanic Origin
Part 20: Record B: Thai	Part 47: Record B: Black, Not of Hispanic Origin
Part 21: Record B: Pacific Islander	Part 48: Record B: American Indian, Eskimo, or Aleut, Not of Hispanic Origin
Part 22: Record B: Hawaiian	Part 49: Record B: Asian or Pacific Islander, Not of Hispanic Origin
Part 23: Record B: Samoan	Part 50: Record B: Other Race, Not of Hispanic Origin
Part 24: Record B: Guamanian	
Part 25: Record B: Other Race	
Part 26: Record B: Hispanic Origin (Of Any Race)	
Part 27: Record B: Mexican	

File Structure: rectangular
Cases: 2,331 to 20,275 per part
Variables: approx. 540 to 1,000 per part
Record Length: 8,093
Records Per Case: 5 to 8 per part

Part 82: Codebook for All Parts (PDF)

Part 83: SPSS Data Definition Statements for "A" Records
Record Length: 80

Part 84: SPSS Data Definition Statements for "B" Records
Record Length: 80

Part 85: SAS Data Definition Statements for "A" Records
Record Length: 80

Part 86: SAS Data Definition Statements for "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 TILE 4

TECHNICAL DOCUMENTATION

Issued March 1993

U.S. DEPARTMENT OF COMMERCE
RONALD H. BROWN, Secretary
JOHN ROLLWAGEN, Deputy Secretary

ECONOMICS AND STATISTICS ADMINISTRATION
JEFFREY MAYER, Acting Under Secretary
for Economics Affairs

BUREAU OF THE CENSUS
HARRY A. SCARR, Acting Director

ECONOMICS AND STATISTICS ADMINISTRATION
JEFFREY MAYER, Acting Under Secretary
For Economic Affairs

BUREAU OF THE CENSUS
HARRY A. SCARR, Acting Director

CHARLES D. JONES, Associate Director for Decennial Census
WILLIAM P. BUTZ, Associate Director for Demographic Programs
BRYANT BENTON, Associate Director for Field Operations
BRYANT BENTON, Acting Associate Director for Management Services
PETER, A. BOUNPANE, Assistant Director for Decennial Census

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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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. FnnAAAx (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.F01AAAx 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 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.F01AAAx	STF4BXCA.F01AAAx	STF4CXCA.F01AAAx
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 PA25-146 data cells
	8,093 characters including 8 characters filler
SEGMENT 2	
Geographic Identification Information	PA25-169 data cells-through PA101-6 data cells
	8,093 characters including 5 characters filler
SEGMENT 3	
Geographic Identification Information	PA101-14 data cells-through H35-47 data cells
	8,093 characters including 8 characters filler
SEGMENT 4	
Geographic Identification Information	HA35-37 data cells-through HA42-56 data cells
	8,093 characters including 8 characters filler
SEGMENT 5	
Geographic Identification Information	HA42-64 data cells-through HA76
	8,093 characters including 1,088 characters filler

RECORD B

Segment 1
Geographic Identification
Information

PB1 through
PB46-82 data cells

8,093 characters including
8 characters filler

SEGMENT 2
Geographic Identification
Information

PB46-46 data cells-through
PB63-175 data cells

8,093 characters including
8 characters filler

SEGMENT 3
Geographic Identification
Information

PB63-13 data cells-through
PB91-65 data cells

8,093 characters including
5 characters filler

SEGMENT 4
Geographic Identification
Information

PB91-135 data cells-through
PB109-13 data cells

8,093 characters including
8 characters filler

SEGMENT 5
Geographic Identification
Information

PB109-23 data cells-through
HB17-131 data cells

8,093 characters including
5 characters filler

SEGMENT 6
Geographic Identification
Information

HB17-29 data cells-through
HB53-133 data cells

8,093 characters including
8 characters filler

SEGMENT 7
Geographic Identification
Information

HB53-49 data cells-through
HB58-47 data cells

8,093 characters including
8 characters filler

SEGMENT 8

Geographic Identification HB58-49 data cells-through
Information 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, metropolitan 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/ 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 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 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

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
*	*	*	*	*	*	*	*	*	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			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/ 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.

*	*				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

SUBJECT LOCATOR

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This index is designed to quickly identify the STF 4 tables needed. Each table variable is listed alphabetically. Both the type of entry being tabulated (*universe*), which is shown in italics, and the relevant table numbers appear under the variable heading. If the entry variable is cross tabulated by another variable, the variable of cross tabulation is indicated beneath the universe and is preceded by the word "by." The index entries for each variable are arranged alphabetically by universe, then by variable of cross tabulation, if any. For example, if you are looking for a table tabulating age by sex for all persons, check the index under either of the variables. Checking under age, you find an entry for one table with a universe of persons. Checking the entry, you can see that age is cross tabulated by sex in table PB5.

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African
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ALEUT

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See Race of Householder

ALL OTHER ASIAN

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ALL OTHER HISPANIC ORIGIN

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ALSATIAN

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AMERICAN INDIAN

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ARAB/ARABIC

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ARGENTINEAN

See Hispanic Origin

ARMENIAN

See Ancestry

ASIA

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ASIAN

See Race

See Race of Householder

ASIAN INDIAN
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ASSYRIAN
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AUSTRALIA
 See Place of Birth

AUSTRALIAN
 See Ancestry

AUSTRIA
 See Place of Birth

AUSTRIAN
 See Ancestry

BAHAMAS
 See Place of Birth

BAHAMIAN
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BANGLADESHI
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BELIZEAN
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See Place of Birth

CAMBODIAN

See Race

See Race of Householder

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CANADIAN

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CARIBBEAN

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See Ancestry

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CAPE VERDEAN

See Ancestry

CELTIC

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Ever Born

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CHILEAN

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CUBAN

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CZECHOSLOVAKIAN

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 by Sex PB44

See also College Enrollment

See also Family Type and Educational
Attainment of Householder

See also Household Type and Relationship
and Educational Attainment

See also School Enrollment

See also School Enrollment and Type
of School

See also School Enrollment, Educational
Attainment, and Employment Status

EGYPT

See Place of Birth

EGYPTIAN

See Ancestry

ELDERLY

See Age

EL SALVADOR

See Place of Birth

EMPLOYMENT STATUS

Persons 16 years and over

by Sex by Age PB56
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 Hours Worked Last Week of Parents
 See also Employment Status and Work Status
 in 1989
 See also Employment Status, Group Quarters,
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 See also Employment Status, Hours Worked Last
 Week, and Year Last Worked
 See also Family Type and Employment Status
 See also Household Type and Relationship
 and Employment Status
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 Presence and Age of Children, and
 Employment Status

EMPLOYMENT STATUS AND HOURS WORKED

LAST WEEK OF PARENTS

Own children under 18 years in families
 and subfamilies
 by Age of Children PB50
 See also Employment Status
 See also Employment Status and
 Work Status in 1989
 See also Employment Status, Group Quarters,
 School Enrollment, and Age
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EMPLOYMENT STATUS AND WORK STATUS

IN 1989

Persons 60 years and over
 by Age by Sex PB58
 See also Employment Status
 See also Employment Status and
 Hours Worked Last Week of
 Parents
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 School Enrollment, and Age
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EMPLOYMENT STATUS, GROUP QUARTERS,
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Persons 16 years and over PB57
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 See also Employment Status and
 Hours Worked Last Week of
 Parents
 See also Employment Status and Work Status
 in 1989

See also Employment Status, Hours Worked Last Week, and Year Last Worked

EMPLOYMENT STATUS, HOURS WORKED LAST WEEK, AND YEAR LAST WORKED

Persons 16 years and over
by Sex PB59

See also Employment Status

See also Employment Status and Hours Worked Last Week of Parents

See also Employment Status and Work Status in 1989

See also Employment Status, Group Quarters, School Enrollment, and Age

ENGLISH

See Ancestry

See Language Spoken at Home and Ability to Speak English

ESKIMO

See Race

See Race of Householder

ESTONIA

See Place of Birth

ESTONIAN

See Ancestry

ETHIOPIA

See Place of Birth

ETHIOPIAN

See Ancestry

EUROPE

See Place of Birth

EUROPEAN

See Ancestry

FAMILIES

Families PB2

See also Household Type and Relationship

FAMILY COMPOSITION

See Household Type and Relationship

FAMILY INCOME IN 1989

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- by Family Type and Presence and Age of Children PB86
- by Persons in Family PB90
- by Workers in Family in 1989 PB88
- See also Aggregate Family Income in 1989
- See also Family Type and Age of Householder and Family Income in 1989
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FAMILY SIZE

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- Families with income below the poverty level in 1989
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- See also Family Type and Presence of Children
- See also Family Type and Public Assistance Income in 1989
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FAMILY TYPE AND AGE

- Related children under 18 years
 - by Poverty Status in 1989 PB103
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- See also Family Type
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See also Family Type and Age
of Householder and Family
Income in 1989
See also Family Type and Educational
Attainment of Householder
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
Security Income in 1989
See also Family Type and Workers
in Family in 1989
See also Family Type and Work
Experience of Householder
in 1989

FAMILY TYPE AND AGE OF HOUSEHOLDER

Families
by Aggregate Family Income in 1989 PB97
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See also Family Type and Age
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of Householder and Family
Income in 1989
See also Family Type and Educational
Attainment of Householder
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
Security Income in 1989
See also Family Type and Workers
in Family in 1989
See also Family Type and Work
Experience of Householder
in 1989

FAMILY TYPE AND AGE OF HOUSEHOLDER AND
FAMILY INCOME IN 1989

Families PB96
See also Family Income in 1989
See also Family Type

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 of Householder
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 Attainment of Householder
 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
 Security Income in 1989
 See also Family Type and Workers
 in Family in 1989
 See also Family Type and Work
 Experience of Householder
 in 1989

FAMILY TYPE AND EDUCATIONAL ATTAINMENT
 OF HOUSEHOLDER

Families
 by Poverty Status in 1989 PB106
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 See also Family Type and Age
 of Householder
 See also Family Type and Age
 of Householder and Family
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 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
 Security Income in 1989
 See also Family Type and Workers
 in Family in 1989
 See also Family Type and Work
 Experience of Householder
 in 1989

FAMILY TYPE AND EMPLOYMENT STATUS

Families PB47
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 See also Family Type and Age
 of Householder
 See also Family Type and Age
 of Householder and Family
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 See also Family Type and Presence
 and Age of Children
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 of Children
 See also Family Type and Public
 Assistance Income in 1989
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 Security Income in 1989
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 in Family in 1989
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 of Householder
 See also Family Type and Age
 of Householder and Family
 Income in 1989
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 See also Family Type and Employment Status
 See also Family Type and Presence
 of Children
 See also Family Type and Public
 Assistance Income in 1989
 See also Family Type and Social
 Security Income in 1989
 See also Family Type and Workers
 in Family in 1989
 See also Family Type and Work
 Experience of Householder
 in 1989
 See also Presence and Age of Children

FAMILY TYPE AND PRESENCE OF CHILDREN

Families

- by Median Family Income in 1989 PB86B
- See also Family Type
- See also Family Type and Age
- See also Family Type and Age of Householder
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- See also Family Type and Educational Attainment of Householder
- See also Family Type and Employment Status
- See also Family Type and Presence and Age of Children
- See also Family Type and Public Assistance Income in 1989
- See also Family Type and Social Security Income in 1989
- See also Family Type and Workers in Family in 1989
- See also Family Type and Work Experience of Householder in 1989
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FAMILY TYPE AND PUBLIC ASSISTANCE

INCOME IN 1989

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- by Poverty Status in 1989 PB110
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- See also Family Type and Age
- See also Family Type and Age of Householder
- See also Family Type and Age of Householder and Family Income in 1989
- See also Family Type and Educational Attainment of Householder
- 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 Social Security Income in 1989
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FAMILY TYPE AND SOCIAL SECURITY INCOME IN 1989

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FAMILY TYPE AND WORKERS IN FAMILY IN 1989

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 See also Family Type and Presence and
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 Assistance Income in 1989
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FAMILY TYPE AND WORK EXPERIENCE OF HOUSEHOLDER IN 1989

Families
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FARM SELF-EMPLOYMENT INCOME IN 1989

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 Income in 1989

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See Sex

FIJI

See Place of Birth

FIJIAN

See Race
 See Race of Householder

FINLAND

See Place of Birth

FINNISH

See Ancestry

FILIPINO

See Race
 See Race of Householder

FIRST ANCESTRY REPORTED

See Ancestry

FOSTER CHILDREN

See Household Type and Relationship

FRANCE

See Place of Birth

FRENCH

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

FRENCH CANADIAN

See Ancestry

GERMAN

See Ancestry

See Language Spoken at Home and
Ability to Speak English

GERMANY

See Place of Birth

GERMAN RUSSIAN

See Ancestry

GAHANA

See Place of Birth

GHANIAN

See Ancestry

GREECE

See Place of Birth

GREEK

See Ancestry

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Ability to Speak English

GRENADA

See Place of Birth

GROSS RENT

Specified renter-occupied housing units	HB12
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See also Gross Rent as a Percentage
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IN 1989

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GUAMANIAN

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 See Race of Householder

GUATEMALA

See Place of Birth

GUATEMALAN

See Hispanic Origin
 See Hispanic Origin of Householder

GUYANA

See Place of Birth

GUYANESE

See Ancestry

HAITI

See Place of Birth

HAITIAN

See Ancestry

HAWAIIAN

See Race
 See Race of Householder

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HISPANIC ORIGIN OF HOUSEHOLDER

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Specified owner-occupied housing units
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by Mortgage Status
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Specified renter-occupied housing units
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Specified renter-occupied housing
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See Household Type and Relationship

HOUSEHOLD SIZE AND HOUSEHOLD TYPE

See Household Type
 See Household Type and Relationship

HOUSEHOLD TYPE

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Income in 1989
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 See also Household Type and Relationship
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 See also Household Type and Relationship
 and Public Assistance Income in 1989
 See also Household Type and Relationship
 and Social Security Income in 1989
 See also Household Type and Relationship
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 See also Household Type and Relationship
 and Work Experience in 1989
 See also Household Type and Relationship,
 Nativity, and Year of Entry
 See also Household Type and Relationship,
 Presence and Age of Children, and
 Employment Status

HOUSEHOLD TYPE AND HOUSEHOLD SIZE

See Household Type

HOUSEHOLD TYPE AND INCOME IN 1989

Persons 60 years and over.
 by Age PB98
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 and Employment Status
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 and Presence of Children
 See also Household Type and Relationship
 and Public Assistance Income in 1989

See also Household Type and Relationship
 and Social Security Income in 1989
 See also Household Type and Relationship
 and Work Disability Status
 See also Household Type and Relationship
 and Work Experience in 1989
 See also Household Type and Relationship,
 Nativity, and Year of Entry
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 Presence and Age of Children, and
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HOUSEHOLD TYPE AND RELATIONSHIP

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 and Educational Attainment
 See also Household Type and Relationship
 and Employment Status
 See also Household Type and Relationship
 and Presence of Children
 See also Household Type and Relationship
 and Public Assistance Income in 1989
 See also Household Type and Relationship
 and Social Security Income in 1989
 See also Household Type and Relationship
 and Work Disability Status
 See also Household Type and Relationship
 and Work Experience in 1989
 See also Household Type and Relationship,
 Nativity, and Year of Entry
 See also Household Type and Relationship,
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 Employment Status

HOUSEHOLD TYPE AND RELATIONSHIP AND
 EDUCATIONAL ATTAINMENT

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 poverty status is determined

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 See also Household Type and Relationship
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 See also Household Type and Relationship
 and Public Assistance Income in 1989
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 See also Household Type and Relationship
 and Work Experience in 1989
 See also Household Type and Relationship,
 Nativity, and Year of Entry
 See also Household Type and Relationship,
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 Employment Status

HOUSEHOLD TYPE AND RELATIONSHIP AND
 EMPLOYMENT STATUS

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 and Educational Attainment
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 See also Household Type and Relationship,
 Nativity, and Year of Entry
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HOUSEHOLD TYPE AND RELATIONSHIP AND
 PRESENCE OF CHILDREN

Occupied housing units
 by Tenure
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 and Work Experience in 1989
 See also Household Type and Relationship,
 Nativity, and Year of Entry
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 Presence and Age of Children, and
 Employment Status
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HOUSEHOLD TYPE AND RELATIONSHIP AND
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 status is determined
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 and Presence of Children
 See also Household Type and Relationship
 and Social Security Income in 1989
 See also Household Type and Relationship
 and Work Disability Status
 See also Household Type and Relationship
 and Work Experience in 1989
 See also Household Type and Relationship,
 Nativity, and Year of Entry
 See also Household Type and Relationship,
 Presence and Age of Children, and
 Employment Status
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HOUSEHOLD TYPE AND RELATIONSHIP AND
SOCIAL SECURITY INCOME IN 1989

Unrelated individuals for whom poverty
status is determined

by Poverty Status in 1989 PB122

See also Household Income in 1989

See also Household Type

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See also Household Type and Relationship
and Educational Attainment

See also Household Type and Relationship
and Employment Status

See also Household Type and Relationship
and Presence of Children

See also Household Type and Relationship
and Public Assistance Income in 1989

See also Household Type and Relationship
and Work Disability Status

See also Household Type and Relationship
and Work Experience in 1989

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

See also Household Type and Relationship,
Presence and Age of Children, and
Employment Status

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HOUSEHOLD TYPE AND RELATIONSHIP AND
WORK DISABILITY STATUS

Unrelated individuals for whom poverty
status is determined

by Poverty Status in 1989 PB119

See also Household Income in 1989

See also Household Type

See also Household Type and Relationship

See also Household Type and Relationship
and Educational Attainment

See also Household Type and Relationship
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See also Household Type and Relationship
and Presence of Children

See also Household Type and Relationship
and Public Assistance Income in 1989

See also Household Type and Relationship
and Social Security Income in 1989

See also Household Type and Relationship
and Work Experience in 1989

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

See also Household Type and Relationship,
Presence and Age of Children, and

Employment Status

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HOUSEHOLD TYPE AND RELATIONSHIP AND
WORK EXPERIENCE IN 1989

Unrelated individuals for whom poverty
status is determined

by Poverty Status in 1989 PB117

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See also Household Type

See also Household Type and Relationship

See also Household Type and Relationship
and Educational Attainment

See also Household Type and Relationship
and Employment Status

See also Household Type and Relationship
and Presence of Children

See also Household Type and Relationship
and Public Assistance Income in 1989

See also Household Type and Relationship
and Social Security Income in 1989

See also Household Type and Relationship
and Work Disability Status

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

See also Household Type and Relationship,
Presence and Age of Children, and
Employment Status

HOUSEHOLD TYPE AND RELATIONSHIP,
NATIVITY, AND YEAR OF ENTRY

Unrelated individuals for whom poverty
status is determined

by Poverty Status in 1989 PB120

See also Household Income in 1989

See also Household Type

See also Household Type and Relationship

See also Household Type and Relationship
and Educational Attainment

See also Household Type and Relationship
and Employment Status

See also Household Type and Relationship
and Presence of Children

See also Household Type and Relationship
and Public Assistance Income in 1989

See also Household Type and Relationship
and Social Security Income in 1989

See also Household Type and Relationship
and Work Disability Status

See also Household Type and Relationship,
Work Experience in 1989

See also Household Type and Relationship,
Presence and Age of Children, and
Employment Status

See also Nativity and Year of Entry of
Householder

See also Nativity, Year of Entry, and
Citizenship

HOUSEHOLD TYPE AND RELATIONSHIP, PRESENCE AND
AGE OF CHILDREN, AND EMPLOYMENT STATUS

Females 16 years and over PB49

See also Employment Status

See also Household Income in 1989

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See also Household Type and Relationship

See also Household Type and Relationship
and Educational Attainment

See also Household Type and Relationship
and Employment Status

See also Household Type and Relationship
and Presence of Children

See also Household Type and Relationship
and Public Assistance Income in 1989

See also Household Type and Relationship
and Social Security Income in 1989

See also Household Type and Relationship
and Work Disability Status

See also Household Type and Relationship,
Work Experience in 1989

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

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HOUSEHOLD TYPE AND SEX OF HOUSEHOLD MEMBERS

Households PB12

See also Household Income in 1989

See also Household Type

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See also Household Type and Relationship
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and Employment Status

See also Household Type and Relationship
and Presence of Children

See also Household Type and Relationship
and Public Assistance Income in 1989

See also Household Type and Relationship
and Social Security Income in 1989

See also Household Type and Relationship
and Work Disability Status

See also Household Type and Relationship,

Work Experience in 1989
 See also Household Type and Relationship,
 Nativity, and Year of Entry
 See also Household Type and Relationship,
 Presence and Age of Children, and
 Employment Status
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See Ancestry
 See Language Spoken at Home and
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HUNGARY

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ICELANDER

See Ancestry

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IMPUTATION OF BOARDED-UP STATUS

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IMPUTATION OF CHILDREN EVER BORN

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IMPUTATION OF FAMILY INCOME IN 1989,
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IMPUTATION OF FAMILY INCOME IN 1989,
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IMPUTATION OF FAMILY INCOME IN 1989,
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 POVERTY STATUS IN 1989, AND WORK
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IMPUTATION OF FAMILY INCOME IN 1989,
 POVERTY STATUS IN 1989, AND WORK
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IMPUTATION OF FAMILY OR UNRELATED
 INDIVIDUAL INCOME IN 1989 AND
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 is determined PB160

IMPUTATION OF FAMILY OR UNRELATED
 INDIVIDUAL INCOME IN 1989, POVERTY
 STATUS IN 1989, AND AGE
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 is determined PA101

IMPUTATION OF FAMILY OR UNRELATED
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Persons	PA38
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POVERTY STATUS IN 1989, AND AGE	
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poverty status is determined	PA114
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POVERTY STATUS IN 1989, AND	
EDUCATIONAL ATTAINMENT	
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poverty status is determined	PA118
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POVERTY STATUS IN 1989, AND	
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poverty status is determined	PA115
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POVERTY STATUS IN 1989, AND	
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Persons	PB128
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Workers 16 years and over	PB143
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IMPUTATION OF PLACE OF WORK-PLACE LEVEL	
Workers 16 years and over	PA60

IMPUTATION OF PLACE OF WORK-STATE AND COUNTY LEVEL	
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Housing units	HA60
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Persons in households	PA32, PB123
IMPUTATION OF RESIDENCE IN 1985	
Persons 5 years and over	PB133
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IMPUTATION OF ROOMS	
Housing units	HA50
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Persons 3 years and over	PB131
IMPUTATION OF SCHOOL ENROLLMENT AND TYPE OF SCHOOL	
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Specified owner-occupied housing units	HA72
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Civilian noninstitutionalized persons 16 years and over	PA55, PB141
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Housing units	HA66
Occupied housing units	HB70
IMPUTATION OF SEX	
Persons	PA34,

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IMPUTATION OF SOURCE OF WATER	
Housing units	HA65
Occupied housing units	HB69
IMPUTATION OF TELEPHONE IN HOUSING UNIT	
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Occupied housing units	HA51, HB61
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Workers 16 years and over	PA65, PB147
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Housing units	HA49
IMPUTATION OF USUAL HOURS WORKED PER WEEK IN 1989	
Persons 16 years and over	PA71, PB150
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Vacant housing units	HA55
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Owner-occupied condominium housing units	HA53
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Occupied housing units	HA63, HB67
IMPUTATION OF VETERAN STATUS	
Persons 16 years and over	PA50, PB137
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Persons 16 years and over	PA70, PB151
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IMPUTATION OF YEAR STRUCTURE BUILT	
Housing units	HA67
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IMPUTATION STATUS	
Families	
by Aggregate Family Income	
in 1989	PA89
Households	
by Aggregate Farm Self-Employment	
Income in 1989	PA94
by Aggregate Household Income	
in 1989	PA88
by Aggregate Interest, Dividend,	
or Net Rental Income in 1989	PA95
by Aggregate Nonfarm Self-Employment	
Income in 1989	PA93
by Aggregate Other Income	
in 1989	PA99
by Aggregate Public Assistance	
Income in 1989	PA97
by Aggregate Retirement	
Income in 1989	PA98
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Income in 1989	PA96
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Income in 1989	PA92
by Earnings in 1989	PA78
by Farm Self-Employment	
Income in 1989	PA81
by Interest, Dividend, or Net	
Rental Income in 1989	PA82
by Nonfarm Self-Employment	
Income in 1989	PA80
by Other Type of income	
in 1989	PA86
by Public Assistance Income	
in 1989	PA84
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in 1989	PA85
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Nonfamily households	
by Aggregate Nonfamily	
Household Income in 1989	PA90
INCOME IN 1989	
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by Sex	
by Weeks Worked in 1989	
and Usual Hours Worked Per	
Week in 1989	PB93
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See also Family Income in 1989	
See also Farm Self-Employment Income in 1989	
See also Household Income in 1989	
See also Household Type and Income in 1989	
See also Nonfamily Household Income in 1989	
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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See also Occupation	
INSTITUTIONALIZED PERSON	
See Group Quarters	
INTEREST INCOME	

See Interest, Dividend, or Net
Rental Income in 1989

INTEREST DIVIDEND, OR NET RENTAL
INCOME IN 1989

Households PB73
by Imputation Status PA82

See also Aggregate Interest, Dividend, or
Net Rental Income in 1989

See also Median Income in 1989

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

Housing units	HA14
Occupied housing units	
by Tenure	HB8
by Tenure	
by Age of Householder	HB41
by Tenure	
by Plumbing Facilities	
by Persons Per Room	
by Year Structure Built	
by Poverty Status in 1989	HB58

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

Persons 5 years and over	
by Age	PA25, PB21

See also Language Spoken at Home and
Linguistic Isolation

LANGUAGE SPOKEN AT HOME AND LINGUISTIC
ISOLATION

Persons 5 years and over	PA26
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
See also Language Spoken at
Home and Linguistic Isolation
See also Linguistic Isolation and Age

LINGUISTIC ISOLATION AND AGE
Persons 5 years and over PB23
See also Language Spoken at
Home and Linguistic Isolation
See also Linguistic Isolation

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
by Age PB25
by Aggregate Number of Children
Ever Born
by Age PB26
Persons 15 years and over
by Sex by Age PB24

MARRIED COUPLES

See Marital Status

MEALS INCLUDED IN RENT

Specified renter-occupied housing units
by Age of Householder HB35
Specified renter-occupied housing units
paying cash rent
by Aggregate Contract Rent
by Age of Householder HB36

MEANS OF TRANSPORTATION TO WORK

Workers 16 years and over PB36
Workers 16 years and over who did
not work at home
by Aggregate Travel Time to Work
(in Minutes) by Travel Time to Work PB38
See also Private Vehicle Occupancy

MEDIAN AGE

Persons PB5A
by Sex PB5B
See also Age

MEDIAN FAMILY INCOME IN 1989

Families PB88A
by Family Type PB86A
by Family Type and Presence and
Age of Children PB86C
by Family Type and Presence of Children PB86B

by Persons in Family	PB90A
by Workers in Family in 1989	PB88B, PB88C
See also Family Income in 1989	
MEDIAN GROSS RENT	
Specified renter-occupied housing units	
paying cash rent	HB12A
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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by Household Income in 1989	HB16B, HB16C
See also Gross Rent as a Percentage of	
Household Income in 1989	
MEDIAN HOUSEHOLD INCOME IN 1989	
Households	PB65A
Occupied housing units	HB14A
by Tenure	HB14B
See also Aggregate Household Income in 1989	
See also Household Income in 1989	
MEDIAN INCOME IN 1989	
Persons 15 years and over with income	
in 1989	
by Sex	PB93A
by Sex	
by Weeks Worked in 1989 and	
Usual Hours Worked Per Week	
in 1989	PB93B
See also Income in 1989	
MEDIAN NONFAMILY HOUSEHOLD INCOME IN 1989	
Nonfamily households	
by Sex of Householder	PB91A
by Sex of Householder	
by Household Type	PB91B
by Sex of Householder	
by Household Type	
by Age of Householder	PB91C
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

Owner-occupied mobile homes
or trailers HA24A

Specified owner-occupied housing units HB18A

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

by Mortgage Status HB17A

See also Median Selected Monthly Owner
Costs and Mortgage Status

MEDIAN VALUE

Owner-occupied condominium
housing units HA21A

Specified owner-occupied housing units HB51A

Specified owner-occupied
non-condominium housing units HA26A

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
to Poverty Level HA45

See also Age

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

MOBILITY AND SELF-CARE LIMITATION
STATUS AND EMPLOYMENT STATUS
Civilian noninstitutionalized persons
16 years and over

by Sex by Age PB55

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

by Aggregate Selected Monthly
Owner Costs HB19

by Household Income in 1989
by Selected Monthly Owner
Costs as a Percentage of
Household Income in 1989 HB17

by Median Selected Monthly
Owner Costs as a Percentage
of Household Income in 1989 HB17A

by Median Selected Monthly
Owner Costs as a Percentage
of Household Income in 1989
by Household Income in 1989 HB17B,

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
or trailers HA24
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

NATIVITY, YEAR OF ENTRY, AND CITIZENSHIP

Persons PB20
See also Household Type and Relationship,
Nativity, and Year of Entry
See also Nativity and Place of Birth
See also Nativity and Year of Entry of Householder
See also Year of Entry

NETHERLANDS

See Place of Birth

NEW ZEALAND

See Place of Birth

NEW ZEALANDERS

See Ancestry

NICARAGUA

See Place of Birth

NICARAGUAN

See Hispanic Origin

NIGERIA

See Place of Birth

NIGERIAN

See Ancestry

NONFAMILY HOUSEHOLD INCOME IN 1989

Nonfamily households

by Sex of Householder

by Household Type

by Age of Householder PB91

See also Aggregate Nonfamily Household

Income in 1989

See also Median Nonfamily Household

Income in 1989

NONFARM SELF-EMPLOYMENT INCOME IN 1989

Households PB71

by Imputation Status PA80

See also Aggregate Nonfarm Self-Employment

Income in 1989

NONINSTITUTIONAL GROUP QUARTERS

See Group Quarters

NORTH AMERICA

See Place of Birth

NORTHERN EUROPEAN

See Ancestry

NORTHERN MARIANA ISLANDER

See Race

See Race of Householder

NORWAY

See Place of Birth

NORWEGIAN

See Ancestry

OCCUPANCY STATUS AND TENURE

Housing units

by Aggregate Rooms HA12

by Imputation of Housing Items HA48

See also Tenure

OCCUPATION

Employed persons 16 years and over

by Sex PB63

Experienced unemployed persons 16
years and over

by Sex PB64

See also Class of Worker

See also Industry

OCEANIA

See Place of Birth

OKINAWAN

See Race

See Race of Householder

OTHER AFRICA

See Place of Birth

OTHER AND UNSPECIFIED LANGUAGES

See Language Spoken at Home and
Ability to Speak English

OTHER ARAB

See Ancestry

OTHER ASIAN

See Place of Birth

OTHER ASIAN OR PACIFIC ISLAND

See Language Spoken at Home and
Ability to Speak English

OTHER CARIBBEAN

See Place of Birth

OTHER CENTRAL AMERICA

See Place of Birth

OTHER CENTRAL AMERICAN

See Ancestry
See Hispanic Origin

OTHER EUROPE
See Place of Birth

OTHER GROUPS
See Ancestry

OTHER HISPANIC
See Hispanic Origin

OTHER INDO-EUROPEAN
See Language Spoken at Home and
Ability to Speak English

OTHER MELANESIAN
See Race
See Race of Householder

OTHER MICRONESIAN
See Race
See Race of Householder

OTHER NORTH AMERICA
See Place of Birth

OTHER OCEANIA
See Place of Birth

OTHER PERSONS IN GROUP QUARTERS
See Group Quarters

OTHER POLYNESIAN
See Race
See Race of Householder

OTHER RACE
See Race
See Race of Householder

OTHER SLAVIC
See Language Spoken at Home and
Ability to Speak English

OTHER SOUTH AMERICA
See Place of Birth

OTHER SOUTH AMERICAN
See Hispanic Origin

OTHER SOUTH AFRICA
See Place of Birth

OTHER SUBSAHARAN AFRICAN
See Ancestry

OTHER TYPE OF INCOME IN 1989
Households PB77
by Imputation Status PA86
See also Aggregate Income in 1989
See also Aggregate Other Type of Income in 1989

OTHER WEST GERMANIC
See Language Spoken at Home and
Ability to Speak English
See Place of Birth

OTHER WEST INDIAN
See Ancestry

OWN CHILDREN
See Household Type and Relationship

OWNER OCCUPIED
See Occupancy Status and Tenure
See Tenure

OWNER-OCCUPIED HOUSING UNITS
See Occupancy Status and Tenure
See Tenure

PACIFIC ISLANDER
See Race
See Race of Householder

PACIFIC ISLANDER, NOT SPECIFIED
See Race
See Race of Householder

PAKISTAN
See Place of Birth

PAKISTANI
See Race
See Race of Householder

PALAUAN
See Race
See Race of Householder

PALESTINIAN

See Ancestry

PANAMA

See Place of Birth

PANAMANIAN

See Hispanic Origin

PARAGUAYAN

See Hispanic Origin

PENNSYLVANIA GERMAN

See Ancestry

PER CAPITA INCOME IN 1989

Persons PB95A
 by Group Quarters PB95B
 See also Income in 1989

PERCENT OF HOUSEHOLD INCOME IN 1989

IMPUTED
 Households PA73
 See also Household Income in 1989

PERCENT OF HOUSING UNITS IN SAMPLE

Housing units HA3A
 See also Housing Units
 See also Unweighted Sample Count of
 Housing Units

PERCENT OF INCOME IN 1989 IMPUTED

Persons 15 years and over PA72
 See also Income in 1989

PERCENT OF PERSONS IN SAMPLE

Persons PA3A
 See also Unweighted Sample Count of Persons
 See also Persons

PERIOD OF MILITARY SERVICE

Civilian veterans 16 years and over
 by Sex PB53
 See also Veteran Status

PERSONS

Persons PA1,
 PB1
 See also 100-Percent Count of Persons
 See also Aggregate Persons
 See also Percent of Persons in Sample
 See also Persons in Family

See also Persons in Households
 See also Persons in Unit
 See also Persons Per Room
 See also Unweighted Sample Count of Persons

PERSONS IN FAMILY

Families PB8
 by Family Income in 1989 PB90
 by Median Family Income in 1989 PB90A
 See also Household Type and Relationship
 See also Persons

PERSONS IN HOUSEHOLDS

Households PB7
 See also Aggregate Persons in Households
 See also Household Type and Relationship
 See also Persons

PERSONS IN UNIT

Occupied housing units
 by Tenure HA13
 by Tenure
 by Age of Householder HB42
 by Tenure
 by Age of Householder
 by Telephone in Housing Unit HB47
 by Tenure
 by Household Income in 1989 HB53
 by Tenure
 by Units in Structure HB50
 Owner-occupied housing units
 by Selected Conditions
 by Age of Householder
 by Household Income in 1989 HB59
 Renter-occupied housing units
 by Selected Conditions
 by Age of Householder
 by Household Income in 1989 HB60
 Specified owner-occupied housing units
 by Age of Householder
 by Ratio of Income in 1989 to Poverty Level
 by Selected Characteristics
 by Selected Monthly Owner Costs as a
 Percentage of Household Income
 in 1989 HB57
 Specified renter-occupied housing units
 by Age of Householder
 by Ratio of Income in 1989 to Poverty Level
 by Selected Characteristics
 by Gross Rent as a Percentage of
 Household Income in 1989 HB56

See also Aggregate Persons
 See also Median Persons in Unit
 See also Persons

PERSONS PER ROOM

Occupied housing units HB49
 by Tenure
 by Plumbing Facilities HB4
 by Tenure
 by Plumbing Facilities
 by Kitchen Facilities
 by Year Structure Built
 by Poverty Status in 1989 HB58
 by Tenure
 by Poverty Status in 1989
 by Plumbing Facilities HB20
 See also Persons
 See also Rooms

PERU

See Hispanic Origin

PERUVIAN

See Hispanic Origin

PHILIPPINES

See Place of Birth

PLACE OF BIRTH

Foreign-born persons PA23
 by Year of Entry PA24
 See also Nativity and Place of Birth

PLACE OF WORK-MINOR CIVIL DIVISION LEVEL

Workers 16 years and over PB35

PLACE OF WORK-MSA/PMSA LEVEL

Workers 16 years and over PB34

PLACE OF WORK-PLACE LEVEL

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

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	Universe: Persons	
PA30.	IMPUTATION OF ACREAGE OF PROPERTY(3)	3
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PA31.	FILLER(4)	4
PA32.	IMPUTATION OF RELATIONSHIP(10)	10
	Universe: Persons in households	
PA33.	IMPUTATION OF GROUP QUARTERS(3)	3
	Universe: Persons in group quarters	
PA34.	IMPUTATION OF SEX(3)	3
	Universe: Persons	
PA35.	IMPUTATION OF RACE(6)	6
	Universe: Persons	
PA36.	IMPUTATION OF AGE(19)	19
	Universe: Persons	
PA37.	SEX(2) BY IMPUTATION OF MARITAL STATUS(6)	12
	Universe: Persons 15 years and over	
PA38.	IMPUTATION OF HISPANIC ORIGIN(6)	6
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PA39.	IMPUTATION OF NATIVITY AND PLACE OF BIRTH(14)	14
	Universe: Persons	
PA40.	IMPUTATION OF CITIZENSHIP(3)	3
	Universe: Foreign-born persons	
PA41.	IMPUTATION OF YEAR OF ENTRY(11)	11
	Universe: Foreign-born persons	
PA42.	IMPUTATION OF SCHOOL ENROLLMENT AND TYPE OF SCHOOL(8)	8
	Universe: Persons 3 years and over	
PA43.	IMPUTATION OF COLLEGE ENROLLMENT(3)	3
	Universe: Persons 18 years and over	

PA44.	IMPUTATION OF EDUCATIONAL ATTAINMENT(16)	16
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PA45.	IMPUTATION OF RESIDENCE IN 1985-STATE, COUNTY, AND PLACE LEVEL(13)	13
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PA46.	IMPUTATION OF LANGUAGE STATUS(3)	3
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PA49.	IMPUTATION OF LINGUISTIC ISOLATION(3)	3
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PA50.	IMPUTATION OF VETERAN STATUS(4)	4
	Universe: Persons 16 years and over	
PA51.	IMPUTATION OF PERIOD OF MILITARY SERVICE(14)	14
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PA52.	AGE(2) BY IMPUTATION OF WORK DISABILITY STATUS(4)	8
	Universe: Civilian noninstitutionalized persons 16 years and over	
PA53.	AGE(2) BY IMPUTATION OF WORK PREVENTION STATUS(4)	8
	Universe: Civilian noninstitutionalized persons 16 years and over	
PA54.	IMPUTATION OF MOBILITY LIMITATION STATUS(3)	3
	Universe: Civilian noninstitutionalized persons 16 years and over	
PA55.	IMPUTATION OF SELF-CARE LIMITATION STATUS(3)	3
	Universe: Civilian noninstitutionalized persons 16 years and over	
PA56.	IMPUTATION OF CHILDREN EVER BORN(7)	7
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PA57.	IMPUTATION OF EMPLOYMENT STATUS(5)	5
	Universe: Persons 16 years and over	
PA58.	IMPUTATION OF HOURS WORKED LAST WEEK(8)	8
	Universe: Persons 16 years and over	
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	COUNTY LEVEL(4)	4
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PA60.	IMPUTATION OF PLACE OF WORK-PLACE LEVEL(4)	4
	Universe: Workers 16 years and over	
PA61.	IMPUTATION OF PLACE OF WORK-MINOR CIVIL DIVISION LEVEL(4)	4
	Universe: Workers 16 years and over	
PA62.	IMPUTATION OF MEANS OF TRANSPORTATION TO WORK(14)	14
	Universe: Workers 16 years and over	
PA63.	IMPUTATION OF PRIVATE VEHICLE OCCUPANCY(10)	10
	Universe: Workers 16 years and over	
PA64.	IMPUTATION OF TIME LEAVING HOME TO GO TO WORK(16)	16
	Universe: Workers 16 years and over	
PA65.	IMPUTATION OF TRAVEL TIME TO WORK(14)	14
	Universe: Workers 16 years and over	
PA66.	IMPUTATION OF INDUSTRY(16)	16
	Universe: Employed persons 16 years and over	
PA67.	IMPUTATION OF OCCUPATION(14)	14
	Universe: Employed persons 16 years and over	
PA68.	IMPUTATION OF CLASS OF WORKER(8)	8
	Universe: Employed persons 16 years and over	
PA69.	IMPUTATION OF WORK STATUS IN 1989(3)	3
	Universe: Persons 16 years and over	
PA70.	IMPUTATION OF WEEKS WORKED IN 1989(8)	8
	Universe: Persons 16 years and over	
PA71.	IMPUTATION OF USUAL HOURS WORKED PER WEEK IN 1989(5)	5
	Universe: Persons 16 years and over	
PA72.	PERCENT OF INCOME IN 1989 IMPUTED(7)	7
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	Universe: Households	
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	Universe: Households	
PA79.	IMPUTATION STATUS(2) BY WAGE OR SALARY INCOME IN 1989(2)	4
	Universe: Households	
PA80.	IMPUTATION STATUS(2) BY NONFARM SELF-EMPLOYMENT INCOME IN 1989(2)	4
	Universe: Households	
PA81.	IMPUTATION STATUS(2) BY FARM SELF-EMPLOYMENT INCOME IN 1989(2)	4
	Universe: Households	
PA82.	IMPUTATION STATUS(2) BY INTEREST, DIVIDEND, OR NET RENTAL INCOME IN 1989(2)	4
	Universe: Households	
PA83.	IMPUTATION STATUS(2) BY SOCIAL SECURITY INCOME IN 1989(2)	4
	Universe: Households	
PA84.	IMPUTATION STATUS(2) BY PUBLIC ASSISTANCE INCOME IN 1989(2)	4
	Universe: Households	
PA85.	IMPUTATION STATUS(2) BY RETIREMENT INCOME IN 1989(2)	4
	Universe: Households	
PA86.	IMPUTATION STATUS(2) BY OTHER TYPE OF INCOME IN 1989(2)	4
	Universe: Households	
PA87.	AGGREGATE INCOME IN 1989(1) BY SEX AND IMPUTATION STATUS(4)	4
	Universe: Persons 15 years and over	

PA88.	AGGREGATE HOUSEHOLD INCOME IN 1989(1) BY IMPUTATION STATUS(2)	2
	Universe: Households	
PA89.	AGGREGATE FAMILY INCOME IN 1989(1) BY IMPUTATION STATUS(2)	2
	Universe: Families	
PA90.	AGGREGATE NONFAMILY HOUSEHOLD INCOME IN 1989(1) BY IMPUTATION STATUS(2)	2
	Universe: Nonfamily households	
PA91.	AGGREGATE EARNINGS IN 1989 AND IMPUTATION STATUS(1)	1
	Universe: Households	
PA92.	AGGREGATE WAGE OR SALARY INCOME IN 1989(1) BY IMPUTATION STATUS(2)	2
	Universe: Households	
PA93.	AGGREGATE NONFARM SELF-EMPLOYMENT INCOME IN 1989(1) BY IMPUTATION STATUS(2)	2
	Universe: Households	
PA94.	AGGREGATE FARM SELF-EMPLOYMENT INCOME IN 1989(1) BY IMPUTATION STATUS(2)	2
	Universe: Households	
PA95.	AGGREGATE INTEREST, DIVIDEND, OR NET RENTAL INCOME IN 1989(1) BY IMPUTATION STATUS(2)	2
	Universe: Households	
PA96.	AGGREGATE SOCIAL SECURITY INCOME IN 1989(1) BY IMPUTATION STATUS(2)	2
	Universe: Households	
PA97.	AGGREGATE PUBLIC ASSISTANCE INCOME IN 1989(1) BY IMPUTATION STATUS(2)	2
	Universe: Households	
PA98.	AGGREGATE RETIREMENT INCOME IN 1989(1) BY IMPUTATION STATUS(2)	2
	Universe: Households	
PA99.	AGGREGATE OTHER INCOME IN 1989(1) BY IMPUTATION STATUS(2)	2
	Universe: Households	
PA100.	IMPUTATION OF FAMILY OR UNRELATED INDIVIDUAL INCOME IN 1989, POVERTY STATUS IN 1989, AND SEX(8)	8

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

PA111. IMPUTATION OF FAMILY INCOME IN 1989, POVERTY STATUS IN 1989, AND PUBLIC ASSISTANCE INCOME IN 1989(4)	4
Universe: Families	
PA112. IMPUTATION OF FAMILY INCOME IN 1989, POVERTY STATUS IN 1989, AND SOCIAL SECURITY INCOME IN 1989(4)	4
Universe: Families	
PA113. IMPUTATION OF INCOME IN 1989, POVERTY STATUS IN 1989, AND SEX(4)	4
Universe: Unrelated individuals for whom poverty status is determined	
PA114. IMPUTATION OF INCOME IN 1989, POVERTY STATUS IN 1989, AND AGE(7)	7
Universe: Unrelated individuals for whom poverty status is determined	
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	
PA116. IMPUTATION OF INCOME IN 1989, POVERTY STATUS IN 1989, AND TENURE(5)	5
Universe: Unrelated individuals for whom poverty status is determined	
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	
PA118. IMPUTATION OF INCOME IN 1989, POVERTY STATUS IN 1989, AND EDUCATIONAL ATTAINMENT(4)	4
Universe: Unrelated individuals for whom poverty status is determined	
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	
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	
PA121. IMPUTATION OF INCOME IN 1989, POVERTY STATUS	

	IN 1989, AND PUBLIC ASSISTANCE INCOME IN 1989(4)	4
	Universe: Unrelated individuals for whom poverty status is determined	
PA122.	IMPUTATION OF INCOME IN 1989, POVERTY STATUS IN 1989, AND SOCIAL SECURITY INCOME IN 1989(4)	4
	Universe: Unrelated individuals for whom 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) 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 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 MONTHLY OWNER COSTS(26)	26
Universe: Owner-occupied condominium housing units	
HA23A. MEDIAN SELECTED MONTHLY OWNER COSTS AND MORTGAGE STATUS(2)	2
Universe: Owner-occupied condominium housing units	
HA24. MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS(19)	19
Universe: Owner-occupied mobile homes or trailers	
HA24A. MEDIAN SELECTED MONTHLY OWNER COSTS AND MORTGAGE STATUS(2)	2
Universe: Owner-occupied mobile homes or trailers	
HA25. AGGREGATE VALUE(1)	1
Universe: Owner-occupied mobile homes or trailers	

HA26.	VALUE(26)	26
	Universe: Specified owner-occupied noncondominium housing units	
HA26A.	MEDIAN VALUE(1)	1
	Universe: Specified owner-occupied noncondominium housing units	
HA27.	AGGREGATE VALUE(1)	1
	Universe: Specified owner-occupied 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) 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) BY UNITS IN STRUCTURE(10)	160
	Universe: Occupied housing units	
HA32.	TENURE(2) BY YEAR HOUSEHOLDER MOVED INTO UNIT(6) BY UNITS IN STRUCTURE(10)	120
	Universe: Occupied housing units	
HA33.	AGGREGATE VEHICLES AVAILABLE(1) BY UNITS IN STRUCTURE(10)	10
	Universe: Occupied housing units	
HA34.	AGGREGATE PERSONS(1) BY TENURE(2) BY YEAR HOUSEHOLDER MOVED INTO UNIT(6)	12
	Universe: Persons in occupied housing units	
HA35.	TENURE(2) BY YEAR HOUSEHOLDER MOVED 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	

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 INTO UNIT(3) BY AGE OF HOUSEHOLDER(3) 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 POVERTY LEVEL(2) BY MOBILITY AND SELF-CARE 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 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

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

HA72.	IMPUTATION OF SECOND MORTGAGE OR HOME EQUITY LOAN STATUS(3)	3
	Universe: Specified owner-occupied housing units	
HA73.	IMPUTATION OF MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS(32)	32
	Universe: Specified owner-occupied housing units	
HA74.	IMPUTATION OF MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS(27)	27
	Universe: Owner-occupied condominium housing units	
HA75.	IMPUTATION OF MORTGAGE STATUS AND 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 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) BY MARITAL STATUS(2) BY AGE(4)	8

	Universe: Females 15 years and over	
PB27.	AGE(4) BY CHILDREN EVER BORN(6) Universe: Females 15 years and over	24
PB28.	NATIVITY AND PLACE OF BIRTH(13) Universe: Persons	13
PB29.	AGE(3) BY RESIDENCE IN 1985-STATE AND COUNTY LEVEL(10) Universe: Persons 60 years and over	30
PB30.	RESIDENCE IN 1985-STATE, COUNTY, AND PLACE LEVEL(12) Universe: Persons 5 years and over	12
PB31.	RESIDENCE IN 1985-MSA/PMSA LEVEL(21) Universe: Persons 5 years and over	21
PB32.	PLACE OF WORK-STATE AND COUNTY LEVEL(3) Universe: Workers 16 years and over	3
PB33.	PLACE OF WORK-PLACE LEVEL(3) Universe: Workers 16 years and over	3
PB34.	PLACE OF WORK-MSA/PMSA LEVEL(8) Universe: Workers 16 years and over	8
PB35.	PLACE OF WORK-MINOR CIVIL DIVISION LEVEL(3) Universe: Workers 16 years and over	3
PB36.	MEANS OF TRANSPORTATION TO WORK(13) Universe: Workers 16 years and over	13
PB37.	TRAVEL TIME TO WORK(13) Universe: Workers 16 years and over	13
PB38.	AGGREGATE TRAVEL TIME TO WORK (IN MINUTES)(1) BY TRAVEL TIME TO WORK(4) BY MEANS OF TRANSPORTATION TO WORK(2) Universe: Workers 16 years and over who did not work at home	8
PB39.	TIME LEAVING HOME TO GO TO WORK(15) Universe: Workers 16 years and over	15
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with income in 1989 below the poverty level

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

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) Universe: Persons Not of Hispanic origin: White Black American Indian, Eskimo, or Aleut Asian or Pacific Islander Other race Hispanic origin: (Repeat RACE)	10
PA8.	AGGREGATE PERSONS IN HOUSEHOLDS(1) BY RACE OF HOUSEHOLDER(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):	37

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) 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)	26
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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)
 - Samoa (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) BY RACE OF HOUSEHOLDER(5)	10
	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)
 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)

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,
 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) Universe: Persons in households Allocated Not allocated: In housing units on properties of less than 1 acre In housing units on properties of 1 acre or more	3
PA31.	FILLER(4) Filler Filler Filler Filler	4
PA32.	IMPUTATION OF RELATIONSHIP(10) Universe: Persons in households Allocated Not allocated: In family households: Householder Spouse Child: Natural-born or adopted Step Grandchild Other relatives Nonrelatives In nonfamily households: Householder Nonrelatives	10
PA33.	IMPUTATION OF GROUP QUARTERS(3) Universe: Persons in group quarters Allocated Not allocated: Institutionalized persons Other persons in group quarters	3
PA34.	IMPUTATION OF SEX(3) Universe: Persons Allocated Not allocated: Male Female	3
PA35.	IMPUTATION OF RACE(6) Universe: Persons Allocated 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) Universe: Persons Allocated Not allocated: 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)	14
PA40.	IMPUTATION OF CITIZENSHIP(3) Universe: Foreign-born persons Allocated Not allocated: Naturalized citizen Not a citizen	3
PA41.	IMPUTATION OF YEAR OF ENTRY(11) Universe: Foreign-born persons Allocated Not allocated: 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	11
PA42.	IMPUTATION OF SCHOOL ENROLLMENT AND TYPE OF SCHOOL(8) 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:	

	<ul style="list-style-type: none"> Same county Different county: <ul style="list-style-type: none"> Same State Different State: <ul style="list-style-type: none"> Northeast Midwest South West 	
	<ul style="list-style-type: none"> Abroad in 1985: <ul style="list-style-type: none"> Puerto Rico U.S. outlying area Foreign country 	
PA46.	IMPUTATION OF LANGUAGE STATUS(3) Universe: Persons 5 years and over Allocated Not allocated: Speak only English Speak other language	3
PA47.	IMPUTATION OF LANGUAGE SPOKEN AT HOME(28) Universe: Persons 5 years and over Speak only English Speak other language: Allocated Not allocated: Spanish or Spanish Creole (625, 627-628) French or French Creole (620-624) Italian (619) Portuguese or Portuguese Creole (629-630) German (607, 613) Yiddish (609) Other West Germanic language (608, 610-612) Scandinavian (614-618) Polish (645) Russian (639) South Slavic (647-652) Other Slavic language (640-644, 646) Greek (637) Indic (662-678) Other Indo-European language (601-606, 626, 631-636, 638, 653-661) Chinese (708-715) Japanese (723) Mon-Khmer (726) Korean (724) Tagalog (742) Vietnamese (728) Other Asian or Pacific Island language (684-695, 698-707, 716-722, 725, 727, 729-741, 743-776) 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) Universe: Civilian noninstitutionalized persons 16 years and over 16 to 64 years: Work disability status allocated Work disability status not allocated: With a work disability: Prevented from working Not prevented from working No work disability 65 years and over: (Repeat IMPUTATION OF WORK DISABILITY STATUS)	8
PA53.	AGE(2) BY IMPUTATION OF WORK PREVENTION STATUS(4) Universe: Civilian noninstitutionalized persons 16 years and over 16 to 64 years: With a work disability: Work prevention status allocated Work prevention status not allocated: Prevented from working Not prevented from working No work disability 65 years and over: (Repeat IMPUTATION OF WORK PREVENTION STATUS)	8
PA54.	IMPUTATION OF MOBILITY LIMITATION STATUS(3) Universe: Civilian noninstitutionalized persons 16 years and over Allocated Not allocated: With a mobility limitation No mobility limitation	3
PA55.	IMPUTATION OF SELF-CARE LIMITATION STATUS(3) Universe: Civilian noninstitutionalized persons 16 years and over Allocated Not allocated: With a self-care limitation No self-care limitation	3
PA56.	IMPUTATION OF CHILDREN EVER BORN(7) Universe: Females 15 years and over Allocated Not allocated: No children 1 child	7

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

PA57.	IMPUTATION OF EMPLOYMENT STATUS(5) Universe: Persons 16 years and over Allocated Not allocated: In labor force: In Armed Forces Civilian: Employed Unemployed Not in labor force	5
PA58.	IMPUTATION OF HOURS WORKED LAST WEEK(8) Universe: Persons 16 years and over In labor force: In Armed Forces Civilian: Employed: Allocated Not allocated: At work 35 or more hours At work 15 to 34 hours At work 1 to 14 hours With a job, but not at work Unemployed Not in labor force	8
PA59.	IMPUTATION OF PLACE OF WORK-STATE AND COUNTY LEVEL(4) Universe: Workers 16 years and over Allocated Not allocated: Worked in State of residence: Worked in county of residence Worked outside county of residence Worked outside State of residence	4
PA60.	IMPUTATION OF PLACE OF WORK-PLACE LEVEL(4) Universe: Workers 16 years and over Allocated Not allocated: Living in a place: Worked in place of residence Worked outside place of residence Not living in a place	4
PA61.	IMPUTATION OF PLACE OF WORK-MINOR DIVISION LEVEL(4) 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) Universe: Employed persons 16 years and over Allocated Not allocated: 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)	14
PA68.	IMPUTATION OF CLASS OF WORKER(8) Universe: Employed persons 16 years and over Allocated Not allocated: Private for profit wage and salary workers Private not-for-profit wage and salary workers Local government workers State government workers Federal government workers Self-employed workers Unpaid family workers	8
PA69.	IMPUTATION OF WORK STATUS IN 1989(3) Universe: Persons 16 years and over Allocated 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,
 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
 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
 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
 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
 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) BY IMPUTATION STATUS(2)	2
	Universe: Households	
	Total:	
	Allocated	
	Not allocated	
PA89.	AGGREGATE FAMILY INCOME IN 1989(1) BY IMPUTATION STATUS(2)	2
	Universe: Families	
	Total:	
	Allocated	
	Not allocated	
PA90.	AGGREGATE NONFAMILY HOUSEHOLD INCOME IN 1989(1) 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) BY IMPUTATION STATUS(2)	2
	Universe: Households	
	Total:	
	Allocated	
	Not allocated	
PA93.	AGGREGATE NONFARM SELF-EMPLOYMENT INCOME IN 1989(1) BY IMPUTATION STATUS(2)	2
	Universe: Households	
	Total:	
	Allocated	
	Not allocated	
PA94.	AGGREGATE FARM SELF-EMPLOYMENT INCOME IN 1989(1) BY IMPUTATION STATUS(2)	2
	Universe: Households	
	Total:	
	Allocated	
	Not allocated	

PA95.	AGGREGATE INTEREST, DIVIDEND, OR NET RENTAL INCOME IN 1989(1) BY IMPUTATION STATUS(2)	2
	Universe: Households	
	Total:	
	Allocated	
	Not allocated	
PA96.	AGGREGATE SOCIAL SECURITY INCOME IN 1989(1) BY IMPUTATION STATUS(2)	2
	Universe: Households	
	Total:	
	Allocated	
	Not allocated	
PA97.	AGGREGATE PUBLIC ASSISTANCE INCOME IN 1989(1) BY IMPUTATION STATUS(2)	2
	Universe: Households	
	Total:	
	Allocated	
	Not allocated	
PA98.	AGGREGATE RETIREMENT INCOME IN 1989(1) BY IMPUTATION STATUS(2)	2
	Universe: Households	
	Total:	
	Allocated	
	Not allocated	
PA99.	AGGREGATE OTHER INCOME IN 1989(1) BY IMPUTATION STATUS(2)	2
	Universe: Households	
	Total:	
	Allocated	
	Not allocated	
PA100.	IMPUTATION OF FAMILY OR UNRELATED INDIVIDUAL INCOME 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) 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	7
PA105. IMPUTATION OF FAMILY INCOME IN 1989, POVERTY STATUS IN 1989, AND TENURE(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	4
PA106. IMPUTATION OF FAMILY INCOME IN 1989, POVERTY STATUS IN 1989, AND WORK EXPERIENCE OF HOUSEHOLDER IN 1989(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	5
PA107. IMPUTATION OF FAMILY INCOME IN 1989, POVERTY STATUS IN 1989, AND EDUCATIONAL ATTAINMENT OF HOUSEHOLDER(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	4

<p>PA108. IMPUTATION OF FAMILY INCOME IN 1989, POVERTY STATUS IN 1989, AND WORK DISABILITY STATUS OF HOUSEHOLDER(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</p>	<p>4</p>
<p>PA109. IMPUTATION OF FAMILY INCOME IN 1989, POVERTY STATUS IN 1989, AND NATIVITY AND YEAR OF ENTRY OF HOUSEHOLDER(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</p>	<p>6</p>
<p>PA110. IMPUTATION OF FAMILY INCOME IN 1989, POVERTY STATUS IN 1989, AND AGE OF HOUSEHOLDER(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</p>	<p>8</p>
<p>PA111. IMPUTATION OF FAMILY INCOME IN 1989, POVERTY STATUS IN 1989, AND PUBLIC ASSISTANCE INCOME IN 1989(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</p>	<p>4</p>
<p>PA112. IMPUTATION OF FAMILY INCOME IN 1989, POVERTY STATUS IN 1989, AND SOCIAL SECURITY INCOME IN 1989(4) Universe: Families</p>	<p>4</p>

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 IN 1989, AND PUBLIC ASSISTANCE INCOME IN 1989(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 public assistance income	
	No public assistance income	
PA122.	IMPUTATION OF INCOME IN 1989, POVERTY STATUS IN 1989, AND SOCIAL SECURITY INCOME IN 1989(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 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, 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) Universe: Occupied housing units 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)	26
HA7.	HISPANIC ORIGIN OF HOUSEHOLDER(2) BY RACE OF HOUSEHOLDER(5) Universe: Occupied housing units Not of Hispanic origin: White Black American Indian, Eskimo, or Aleut Asian or Pacific Islander Other race Hispanic origin: (Repeat RACE OF HOUSEHOLDER)	10
HA8.	UNITS IN STRUCTURE(10) Universe: Housing units 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 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 STATUS(2)	2
	Universe: Owner-occupied mobile homes or trailers With a mortgage Not mortgaged	
HA25.	AGGREGATE VALUE(1)	1
	Universe: Owner-occupied mobile homes or trailers Total	
HA26.	VALUE(26)	26
	Universe: Specified owner-occupied noncondominium 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

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) 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)	18
HA31.	TENURE(2) BY YEAR STRUCTURE BUILT(8) BY UNITS IN STRUCTURE(10) 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)	160
HA32.	TENURE(2)BY YEAR HOUSEHOLDER MOVED INTO UNIT(6) BY UNITS IN STRUCTURE(10) Universe: Occupied housing units Owner occupied: 1989 to March 1990:	120

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) Universe: Housing units Allocated Not allocated: 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	11
HA50.	IMPUTATION OF ROOMS(10) Universe: Housing units Allocated Not allocated: 1 room 2 rooms 3 rooms 4 rooms 5 rooms 6 rooms 7 rooms 8 rooms 9 or more rooms	10
HA51.	IMPUTATION OF TENURE(3) Universe: Occupied housing units Allocated Not allocated: Owner occupied Renter occupied	3
HA52.	IMPUTATION OF VALUE(27) Universe: Specified owner-occupied housing units Allocated Not allocated: 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	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) Universe: Housing units Allocated Not allocated: Public sewer Septic tank or cesspool Other means	4
HA67.	IMPUTATION OF YEAR STRUCTURE BUILT(9) Universe: Housing units Allocated Not allocated: 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	9
HA68.	IMPUTATION OF CONDOMINIUM STATUS(3) Universe: Occupied housing units Allocated Not allocated: Condominium Not condominium	3
HA69.	FILLER(3) Filler Filler Filler	3
HA70.	FILLER(4) Filler Filler Filler Filler	4
HA71.	IMPUTATION OF MORTGAGE STATUS(3) Universe: Specified owner-occupied housing units Allocated Not allocated: With a mortgage Not mortgaged	3

HA72.	IMPUTATION OF SECOND MORTGAGE OR HOME EQUITY LOAN STATUS(3)	3
	Universe: Specified owner-occupied housing units Allocated Not allocated: With second mortgage or home equity loan No second mortgage or home equity loan	
HA73.	IMPUTATION OF MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS(32)	32
	Universe: Specified owner-occupied housing units Allocated Not allocated: 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	
HA74.	IMPUTATION OF MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS(27)	27
	Universe: Owner-occupied condominium housing units 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 18 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:

	<ul style="list-style-type: none"> Same State Different State: <ul style="list-style-type: none"> Northeast Midwest South West 	
	<ul style="list-style-type: none"> Abroad in 1985: <ul style="list-style-type: none"> Puerto Rico U.S. outlying area Foreign country 	
PB31.	RESIDENCE IN 1985-MSA/PMSA LEVEL(21)	21
	<ul style="list-style-type: none"> Universe: Persons 5 years and over Living in an MSA/PMSA in 1990: <ul style="list-style-type: none"> Same house in 1985: <ul style="list-style-type: none"> Central city of this MSA/PMSA Remainder of this MSA/PMSA Different house in United States in 1985: <ul style="list-style-type: none"> This MSA/PMSA in 1985: <ul style="list-style-type: none"> Moved within same central city Moved between central cities Moved from central city to remainder of this MSA/PMSA Moved from remainder of this MSA/PMSA to central city Moved within remainder of this MSA/PMSA Different MSA/PMSA in 1985: <ul style="list-style-type: none"> Central city Remainder of different MSA/PMSA Not in an MSA/PMSA in 1985: <ul style="list-style-type: none"> Same State Different State Abroad in 1985: <ul style="list-style-type: none"> Puerto Rico Elsewhere Not living in an MSA/PMSA in 1990: <ul style="list-style-type: none"> Same house in 1985 Different house in United States in 1985: <ul style="list-style-type: none"> In an MSA/PMSA in 1985: <ul style="list-style-type: none"> Central city Remainder of MSA/PMSA Not in an MSA/PMSA in 1985: <ul style="list-style-type: none"> Same county Different county: <ul style="list-style-type: none"> Same State Different State Abroad in 1985: <ul style="list-style-type: none"> Puerto Rico Elsewhere 	
PB32.	PLACE OF WORK-STATE AND COUNTY LEVEL(3)	3
	<ul style="list-style-type: none"> Universe: Workers 16 years and over Worked in State of residence: 	

	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 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 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

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 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)

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	
	Civilian:	
	Employed	
	Unemployed	
	Not in labor force	
	20 to 24 years:	
	(Repeat EMPLOYMENT STATUS)	
	25 to 29 years:	
	(Repeat EMPLOYMENT STATUS)	
	30 to 34 years:	
	(Repeat EMPLOYMENT STATUS)	
	35 to 44 years:	
	(Repeat EMPLOYMENT STATUS)	
	45 to 54 years:	
	(Repeat EMPLOYMENT STATUS)	
	55 to 59 years:	
	(Repeat EMPLOYMENT STATUS)	
	60 and 61 years:	
	(Repeat EMPLOYMENT STATUS)	
	62 to 64 years:	
	(Repeat EMPLOYMENT STATUS)	
	65 to 69 years:	
	(Repeat EMPLOYMENT STATUS)	
	70 to 74 years:	
	(Repeat EMPLOYMENT STATUS)	
	75 years and over:	
	(Repeat EMPLOYMENT STATUS)	
	Female:	
	(Repeat AGE By EMPLOYMENT STATUS)	
PB57.	EMPLOYMENT STATUS, GROUP QUARTERS, SCHOOL ENROLLMENT, AND AGE(18)	18
	Universe: Persons 16 years and over	
	In labor force	
	Not in labor force:	
	In households:	
	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	

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
 WORK STATUS IN 1989(3) 18
 Universe: Persons 60 years and over
 60 to 64 years:
 Male:
 In labor force
 Not in labor force:
 Worked in 1989
 Did not work in 1989
 Female:
 (Repeat EMPLOYMENT STATUS AND WORK STATUS IN 1989)
 65 to 69 years:
 (Repeat SEX By EMPLOYMENT STATUS AND
 WORK STATUS IN 1989)
 70 years and over:
 (Repeat SEX By EMPLOYMENT STATUS AND
 WORK STATUS IN 1989)
- PB59. SEX(2) BY EMPLOYMENT STATUS, HOURS WORKED LAST WEEK
 AND YEAR LAST WORKED(11) 22
 Universe: Persons 16 years and over
 Male:
 In labor force:
 In Armed Forces
 Civilian:
 Employed:
 At work 35 or more hours
 At work 15 to 34 hours
 At work 1 to 14 hours
 With a job, but not at work
 Unemployed:
 Last worked 1989 to 1990
 Last worked 1988 or earlier
 Never worked
 Not in labor force:
 Persons in households
 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 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 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 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)
 BY SEX OF HOUSEHOLDER(2) BY HOUSEHOLD TYPE(2) 4

Universe: Nonfamily households
 Median nonfamily household income in 1989:
 Male householder:
 Living alone
 Not living alone
 Female householder:
 (Repeat HOUSEHOLD TYPE)

PB91C. MEDIAN NONFAMILY HOUSEHOLD INCOME IN 1989(1)
 BY SEX OF HOUSEHOLDER(2) BY HOUSEHOLD TYPE(2)
 BY AGE OF HOUSEHOLDER(2) 8

Universe: Nonfamily households
 Median nonfamily household income in 1989:
 Male householder
 Living alone:
 Householder 15 to 64 years
 Householder 65 years and over
 Not living alone:
 (Repeat AGE OF HOUSEHOLDER)
 Female householder
 (Repeat HOUSEHOLD TYPE By AGE OF HOUSEHOLDER)

PB92. AGGREGATE NONFAMILY HOUSEHOLD INCOME 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
 Householder 65 years and over
 Not living alone:
 (Repeat AGE OF HOUSEHOLDER)
 Female householder:
 (Repeat HOUSEHOLD TYPE By AGE OF HOUSEHOLDER)

PB93. SEX(2) BY WEEKS WORKED IN 1989 AND USUAL HOURS WORKED
 PER WEEK IN 1989(2) BY INCOME IN 1989(23) 92

Universe: Persons 15 years and over
 Male:
 Worked year round full time in 1989:
 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

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
 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:
 (Repeat FAMILY TYPE AND AGE)

PB104. POVERTY STATUS IN 1989(2) BY TENURE(2)
 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 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:
 (Repeat WORK DISABILITY STATUS OF HOUSEHOLDER)

PB108. POVERTY STATUS IN 1989(2) BY NATIVITY AND YEAR OF 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:
 (Repeat NATIVITY AND YEAR OF ENTRY OF HOUSEHOLDER)

PB109. POVERTY STATUS IN 1989(2) BY FAMILY TYPE 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 below poverty level in 1989	
	Total:	
	Male	
	Female	
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	
	Female	
	Income in 1989 below poverty level:	
	(Repeat SEX)	
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	
	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, 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
 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	
	Allocated	
	Not allocated	
PB140.	IMPUTATION OF MOBILITY LIMITATION STATUS(2)	2
	Universe: Civilian noninstitutionalized	
	persons 16 years and over	
	Allocated	
	Not allocated	
PB141.	IMPUTATION OF SELF-CARE LIMITATION STATUS(2)	2
	Universe: Civilian noninstitutionalized	
	persons 16 years and over	
	Allocated	
	Not allocated	
PB142.	IMPUTATION OF CHILDREN EVER BORN(2)	2
	Universe: Females 15 years and over	
	Allocated	
	Not allocated	
PB143.	IMPUTATION OF PLACE OF WORK(3)	3
	Universe: Workers 16 years and over	
	Allocated:	
	One or more but not all geographic parts allocated	
	All geographic pans allocated	
	Not allocated	
PB144.	IMPUTATION OF MEANS OF TRANSPORTATION TO WORK(2)	2
	Universe: Workers 16 years and over	
	Allocated	
	Not allocated	
PB145.	IMPUTATION OF PRIVATE VEHICLE OCCUPANCY(3)	3
	Universe: Workers 16 years and over	
	Car, truck, or van:	
	Allocated	
	Not allocated	
	Other means	
PB146.	IMPUTATION OF TIME LEAVING HOME TO GO TO WORK(3)	3
	Universe: Workers 16 years and over	
	Did not work at home:	
	Allocated	
	Not allocated	
	Worked at home	
PB147.	IMPUTATION OF TRAVEL TIME TO WORK(3)	3
	Universe: Workers 16 years and over	
	Did not work at home:	
	Allocated	

	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) Universe: Occupied housing units Total: Owner occupied Renter occupied	2
HB7.	TENURE(2) BY YEAR HOUSEHOLDER MOVED INTO UNIT(6) 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)	12
HB8.	TENURE(2) BY KITCHEN FACILITIES(2). Universe: Occupied housing units Owner occupied: Complete kitchen facilities Lacking complete kitchen facilities Renter occupied: (Repeat KITCHEN FACILITIES)	4
HB9.	TENURE(2) BY SOURCE OF WATER(4) Universe: Occupied housing units Owner occupied: Public system or private company Individual well: Drilled Dug Some other source Renter occupied: (Repeat SOURCE OF WATER)	8
HB10.	TENURE(2) BY SEWAGE DISPOSAL(3) Universe: Occupied housing units Owner occupied: Public sewer Septic tank or cesspool Other means Renter occupied: (Repeat SEWAGE DISPOSAL)	6
HB11.	TENURE(2) BY HOUSE HEATING FUEL(9) Universe: Occupied housing units Owner occupied: Utility gas Bottled, tank, or LP gas	18

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 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 paying cash rent	
	Median gross rent	
HB13.	AGGREGATE GROSS RENT(1)	1
	Universe: Specified renter-occupied housing units paying cash rent	
	Total	

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

(Repeat AGE OF HOUSEHOLDER)

<p>HB16. HOUSEHOLD INCOME IN 1989(8) BY GROSS RENT 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 HOUSEHOLD INCOME IN 1989)</p>	
<p>\$15,000 to \$19,999:</p>	
<p> (Repeat GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)</p>	
<p>\$20,000 to \$24,999:</p>	
<p> (Repeat GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)</p>	
<p>\$25,000 to \$29,999:</p>	
<p> (Repeat GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)</p>	
<p>\$30,000 to \$34,999:</p>	
<p> (Repeat GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)</p>	
<p>\$35,000 to \$49,999:</p>	
<p> (Repeat GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)</p>	
<p>\$50,000 or more:</p>	
<p> (Repeat GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)</p>	
<p> </p>	
<p>HB16A. MEDIAN GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989(1)</p>	<p>1</p>
<p>Universe: Specified renter-occupied housing units paying cash rent</p>	
<p>Median gross rent as a percentage of household income in 1989</p>	
<p> </p>	
<p>HB16B. MEDIAN GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989(1) BY HOUSEHOLD INCOME IN 1989(8)</p>	<p>8</p>
<p>Universe: Specified renter-occupied housing units paying cash rent</p>	
<p>Median gross rent as a percentage of household 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	
	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) 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)	8
HB24.	TENURE(2) BY POVERTY STATUS IN 1989(2) BY TELEPHONE IN HOUSING UNIT(2) 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)	8
HB25.	TENURE(2) BY POVERTY STATUS IN 1989(2) BY AGE OF HOUSEHOLDER(4) 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)	16
HB26.	TENURE(2) BY POVERTY STATUS IN 1989(2) BY PUBLIC ASSISTANCE INCOME IN 1989(2) 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)	8

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

HB27. TENURE(2) BY POVERTY STATUS IN 1989(2) 8
 BY SOCIAL SECURITY INCOME IN 1989(2)
 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) 8
 BY WORK STATUS OF HOUSEHOLDER IN 1989(2)
 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) Universe: Occupied housing units with householder with income in 1989 below the poverty level Total: Owner occupied Renter occupied	2
HB49.	PERSONS PER ROOM(7) Universe: Occupied housing units 0.50 or less 0.51 to 0.75 0.76 to 1.00 1.01 to 1.25 1.26 to 1.50 1.51 to 2.00 2.01 or more	7
HB50.	TENURE(2) BY PERSONS IN UNIT(7) BY UNITS IN STRUCTURE(10) Universe: Occupied housing units Owner occupied: 1 person: 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 2 persons: (Repeat UNITS IN STRUCTURE) 3 persons: (Repeat UNITS IN STRUCTURE) 4 persons: (Repeat UNITS IN STRUCTURE) 5 persons: (Repeat UNITS IN STRUCTURE) 6 persons: (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) 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	26
HB51A.	MEDIAN VALUE(1) Universe: Specified owner-occupied housing units Median value	1
HB52.	AGGREGATE VALUE(1) Universe: Specified owner-occupied housing units Total	1
HB53.	TENURE(2) BY HOUSEHOLD INCOME IN 1989(13) BY PERSONS IN UNIT(7) Universe: Occupied housing units Owner occupied: Less than \$5,000: 1 person 2 persons 3 persons 4 persons	182

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) 260
 Universe: Specified owner-occupied housing units
 Less than \$5,000:
 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
 \$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)	2
	Universe: Occupied housing units	
	Allocated	
	Not allocated	
HB64.	IMPUTATION OF PLUMBING FACILITIES(2)	2
	Universe: Occupied housing units	
	Allocated	
	Not allocated	
HB65.	IMPUTATION OF KITCHEN FACILITIES(2)	2
	Universe: Occupied housing units	
	Allocated	
	Not allocated	
HB66.	IMPUTATION OF TELEPHONE IN HOUSING UNIT(2)	2
	Universe: Occupied housing units	
	Allocated	
	Not allocated	
HB67.	IMPUTATION OF VEHICLES AVAILABLE(2)	2
	Universe: Occupied housing units	
	Allocated	
	Not allocated	
HB68.	IMPUTATION OF HOUSE HEATING FUEL(2)	2
	Universe: Occupied housing units	
	Allocated	
	Not allocated	
HB69.	IMPUTATION OF SOURCE OF WATER(2)	2
	Universe: Occupied housing units	
	Allocated	
	Not allocated	
HB70.	IMPUTATION OF SEWAGE DISPOSAL(2)	2
	Universe: Occupied housing units	
	Allocated	
	Not allocated	
HB71.	IMPUTATION OF YEAR STRUCTURE BUILT(2)	2
	Universe: Occupied housing units	
	Allocated	
	Not allocated	
HB72.	IMPUTATION OF MORTGAGE STATUS(2)	2
	Universe: Specified owner-occupied housing units	
	Allocated	
	Not allocated	
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 LEVEL CODE	GEOGRAPHIC COMPONENT CODE
State	040	00 20 30
State-Metropolitan Statistical Area/Consolidated Metropolitan Statistical Area/Remainder	320	00
Metropolitan Statistical Area/Remainder (no CMSAs)--State--County	330	00
State--Metropolitan Statistical Area/ Consolidated Metropolitan Statistical Area/ Remainder--Primary Metropolitan Statistical Area/Remainder--County--Place (10,000 or more persons)/Remainder	120	00
State--Metropolitan Statistical Area/ Consolidated Metropolitan Statistical Area/Remainder--Primary Metropolitan Statistical Area/Remainder--County--Place (10,000 or more persons)/Remainder--Census Tract/Block Numbering Area	130	00
State--Metropolitan Statistical Area/ Consolidated Metropolitan Statistical Area/ Remainder--Primary Metropolitan Statistical Area/Remainder--County--Census Tract/Block Numbering Area	141	00
State--Consolidated Metropolitan Statistical Area--Primary Metropolitan Statistical Area	321	00
Consolidated Metropolitan Statistical Area--Primary Metropolitan Statistical Area--State--County	331	00
State--Metropolitan Statistical Area/ Consolidated Metropolitan Statistical Area/Remainder--Primary Metropolitan Statistical Area/Remainder--County--Place (10,000 or more persons)/Remainder	120	00
State--Metropolitan Statistical Area/		

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

STF 4B	SUMMARY LEVEL CODE	GEOGRAPHIC COMPONENT CODE
SUMMARY LEVEL AREA		
State	040	00 01-12 20-28 30-36 40 42-44
State--County	050	00 08 12
State (12 States only--CT, ME, MA, MI, MN, NH, NJ, NY, PA, RI, VT, WI)--County Subdivision (2,500 or more persons)	063	00
State (6 States only--CT, ME, MA, NH, RI, VT)-- County Subdivision (under 2,500 persons 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 with Trust Lands	210	00
State--American Indian Reservation with Trust Lands; reservation only	211	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
State--American Indian Reservation with Trust Lands; trust lands only	212	00
American Indian Trust Lands (trust lands with or without reservation; trust lands only--State--County	221	00
State--American Indian Reservation with no Trust Lands/Tribal Jurisdiction Statistical Area/Tribal Designated Statistical Area/Alaska Native Village Statistical Area	215	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
State--American Indian Trust Lands (trust lands with no reservation)	216	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

STF 4C	SUMMARY LEVEL CODE	GEOGRAPHIC COMPONENT CODE
SUMMARY LEVEL AREA		
United States	010	00 01-12 20-28 30-36 40 42-44
Region	020	00 01-12 20-28 30-36 40 42-44
Division	030	00 01-12 20-28 30-36 40 42-44
State	040	00 01-12 20-28 30-36 40 42-44
State--County	050	00
State (12 States only--CT, ME, MA, MI, MN, NH, NJ, NY, PA, RI, VT, WI)--County Subdivision (10,000 or more persons)	061	00
State (6 States only--CT, ME, MA, NH, RI, VT)-- County Subdivision (under 10,000 persons and 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; reservation only	201	00
American Indian Reservation with Trust Lands; reservation only--State	205	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 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 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)-- State--County	329	00
Consolidated Metropolitan Statistical Area-- Primary Metropolitan Statistical Area	301	00 21-25 28
Consolidated Metropolitan Statistical Area-- Primary Metropolitan Statistical Area-- State--Central City	341	00
Consolidated Metropolitan Statistical Area-- Primary Metropolitan Statistical Area State	311	00 21 22
Consolidated Metropolitan Statistical Area-- Primary Metropolitan Statistical Area-- 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 filler.

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 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 poor	Net difference in 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
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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

UNITED STATES DEPARTMENT OF COMMERCE
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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
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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 J Jacksonville, Florida
- C Columbus, Georgia M Milford, Connecticut
- I Indianapolis, Indiana 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 /9CNTY			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/ Consolidated Metropolitan 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
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- 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 the United States	44	North Dakota	72	Louisiana
11	Maine	45	South Dakota	73	Oklahoma
12	New Hampshire	46	Nebraska	74	Texas
13	Vermont	47	Kansas	81	Montana
14	Massachusetts	51	Delaware	82	Idaho
15	Rhode Island	52	Maryland	83	Wyoming
16	Connecticut	53	District of Columbia	84	Colorado
21	New York	54	Virginia	85	New Mexico
22	New Jersey	55	West Virginia	86	Arizona
23	Pennsylvania	56	North Carolina	87	Utah
31	Ohio	57	South Carolina	88	Nevada
32	Indiana	58	Georgia	91	Washington
33	Illinois	59	Florida	92	Oregon
34	Michigan	61	Kentucky	93	California
35	Wisconsin	62	Tennessee	94	Alaska
41	Minnesota	63	Alabama	95	Hawaii
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 Columbia	30	Montana	50	Vermont
12	Florida	31	Nebraska	51	Virginia
		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 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					
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 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.

Geographic Change User Note			
Indicator.....	GCUNI	1	259 A/N
0	No geographic change note for the area within the summary level		
1	See User Notes for a geographic change note		
Housing Unit Count (100 percent) /15.....			
	HU100	9	260 A/N
Internal Point (latitude) /16....			
	INTPTLAT	9	269 A/N
Internal Point (longitude) /17...			
	INTPTLNG	10	278 A/N
Part Flag.....			
	PARTFLAG	1	288 A/N
0	Not a part		1 Part
Political/Statistical Area			
Description Code.....	PSADC	2	289 A/N
01	State or State equivalent-no status is appended to the name of the entity in census publications and related data products.		
04	Borough-county equivalent in Alaska; "Borough" is appended to the name of the entity in census publications and related data products.		
05	Census area-county equivalent in Alaska; "Census Area" is appended to name of the entity in census publications and related data products.		
06	County-"County" is appended to the name of the entity in census publications and related data products.		
08	Independent city-county equivalent in Maryland, Missouri, and Virginia; "city" is appended to the name of the entity in census publications and related data products.		
09	Independent City-county equivalent in Nevada; no status is appended to the name of the entity in census publications and related data products.		
10	Island-county equivalent in Virgin Islands of the United States; "Island" is appended to the name of the entity in census publications and related data products.		
13	Municipio-county equivalent in Puerto Rico; "Municipio" is appended to the name of the entity in census publications and related data products.		
14	(none)-county equivalent; used at county level for the District of Columbia and Yellowstone National Park (Montana). No status is appended to the name of the entity in census publications and related data products.		
15	Parish-county equivalent in Louisiana; "Parish" is appended to the name of the entity in census publications and related data products.		
19	American Indian reservation-minor civil division (MCD) in Maine and New York; "Reservation" is appended to the name of the		

- 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 (MATRIX) NUMBER	TABLE (MATRIX)	STARTING POSITION	STARTING POSITION WITHIN SEGMENT	TABLE (MATRIX) COOR- DINATES
PA1.	PERSONS(1) (1) Universe: Persons Total.....	301....	301....	1
PA2.	UNWEIGHTED SAMPLE COUNT OF PERSONS(1) (1) Universe: Persons Total.....	310....	310....	1
PA3.	100-PERCENT COUNT OF PERSONS(1) (1) Universe: Persons Total.....	319....	319....	1
PA3A.	PERCENT OF PERSONS IN SAMPLE(1) (1) 1 implied decimal(s) Universe: Persons Total.....	328....	328....	1
PA4.	URBAN, RURAL, AND FARM RESIDENCE AND ACREAGE OF PROPERTY(10) (10) Universe: Persons Urban:			
	Inside urbanized area:			
	In households:			
	In housing units on properties of less than 1 acre.....	337....	337....	1
	In housing units on properties of 1 acre or more.....	346....	346....	2
	In group quarters.....	355....	355....	3
	Outside urbanized area:			
	In households:			
	In housing units on properties of less than 1 acre.....	364....	364....	4
	In housing units on properties of 1 acre or more.....	373....	373....	5
	In group quarters.....	382....	382....	6
	Rural:			
	In households:			
	In housing units on properties of less than 1 acre.....	391....	391....	7
	In housing units on properties of 1 acre or more:			
	Farm.....	400....	400....	8
	Nonfarm.....	409....	409....	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 (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, 976-985):			
	Asian (600-652, 976, 977, 979-982, 985):			
	Chinese (605-607, 976):			
	Chinese, except Taiwanese (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- 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, 985).....	634....	634....	24
	Pacific Islander (653-699, 978, 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, 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

	Samoan (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, 985).....	1624....	1624....	24
Pacific Islander (653-699, 978, 983, 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, 671, 673).....	1687....	1687....	31
Palauan (663).....	1696....	1696....	32
Other Micronesian (662, 664-670, 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 (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, 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, 221-260, 275-999):			
Dominican (Dominican Republic) (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 (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- 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 (005, 250-260, 290, 292-294, 296-999).....	1975....	1975....	1,26

PA11. HISPANIC ORIGIN OF HOUSEHOLDER(26) (26)

Universe: Households

Not of Hispanic origin (000-001, 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- 260, 275-999):			
Dominican (Dominican Republic) (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- 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, 250-260, 290, 292-294, 296-999)	2209....	2209....	26
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.....	2218....	2218....	1,1,1
	Black.....	2227....	2227....	1,1,2
	American Indian, Eskimo, or 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 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. 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 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 (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- 699, 976-985):			
	Asian (600-652, 976, 977, 979- 982, 985):			
	Chinese (605-607, 976):			
	Chinese, except Taiwanese (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, 614-617, 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, 985).....	2605.....	2605.....	1,24
Pacific Islander (653-699, 978, 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
Micronesian (660-675, 984):			
Guamanian (660, 984).....	2659.....	2659.....	1,30
Northern Mariana Islander (661, 671, 673).....	2668.....	2668.....	1,31
Palauan (663).....	2677.....	2677.....	1,32
Other Micronesian (662, 664-670, 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 (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 (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, 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
Samoaan (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 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
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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, 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, 408-415, 423-424, 426-428, 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, 408-415, 423-424, 426-428, 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- 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- 509, 512-521, 525-528, 530-533, 538-540, 543-552, 561-563, 569, 574-575, 582-587, 589-590, 592, 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- 994).....	5494....	5494....	89
Welsh (097).....	5503....	5503....	90
West Indian (excluding Hispanic 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, 332-334).....	5611....	5611....	102
Yugoslavian (176-177).....	5620....	5620....	103
Race or Hispanic origin groups (200-299, 900-928).....	5629....	5629....	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).	5638....	5638....	105
Unclassified or not reported (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, 115, 118, 121-125, 131, 133, 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, 223, 225-228, 230, 232, 234-236, 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- 336, 338, 341, 344-350, 352- 374).....	6214.....	6214.....	63
Central America (310-314, 316- 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 language (684-695, 698-707, 716- 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 (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 (679-681, 683, 696-697, 778-799, 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 AND ABILITY TO SPEAK ENGLISH).....	7717.....	7717.....	2,1
Filler.....	8086.....	8086	
End of Segment			
18 to 59 years:			
(Repeat LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH)-Con	8394.....	301.....	2,42
60 years and over:			
(Repeat LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH)....	8970.....	877.....	3,1
PA26. LANGUAGE SPOKEN AT HOME AND LINGUISTIC 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 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 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 present.....	10032.....	1939.....	1,1,3
Female householder, no 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 present.....	10059....	1966....	1,1,6
	Female householder, no 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 quarters.....	10104....	2011....	1,1,11
	25 to 34 years:			
	(Repeat HOUSEHOLD TYPE AND RELATIONSHIP).....	10113....	2020....	1,2,1
	35 to 44 years:			
	(Repeat HOUSEHOLD TYPE AND RELATIONSHIP).....	10212....	2119....	1,3,1
	45 years and over:			
	(Repeat HOUSEHOLD TYPE AND RELATIONSHIP).....	10311....	2218....	1,4,1
	Female:			
	(Repeat AGE By HOUSEHOLD TYPE AND RELATIONSHIP).....	10410....	2317....	2,1,1
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.....	10806....	2713....	1,1
	Other family, Male householder, no wife present.....	10815....	2722....	1,2
	Female householder, no husband present.....	10824....	2731....	1,3
	Families with no child of householder 18 years and over (Repeat FAMILY TYPE).....	10833....	2740....	2,1
PA29.	IMPUTATION OF POPULATION ITEMS(2) (2) Universe: Persons No items allocated.....	10860....	2767....	1
	One or more items allocated.....	10869....	2776....	2
PA30.	IMPUTATION OF ACREAGE OF PROPERTY(3) (3) Universe: Persons in households Allocated.....	10878....	2785....	1
	Not allocated:			

	In housing units on properties of less than 1 acre.....	10887....	2794....	2
	In housing units on properties of 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 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 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 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 equivalency).....	11895....	3802....	9
	Some college, no degree.....	11904....	3811....	10
	Associate degree in college (occupational program).....	11913....	3820....	11
	Associate degree in college (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- 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 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 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, 627-628).....	12129....	4036....	3
	French or French Creole (620- 624).....	12138....	4045....	4
	Italian (619).....	12147....	4054....	5
	Portuguese or Portuguese Creole (629-630).....	12156....	4063....	6
	German (607, 613).....	12165....	4072....	7
	Yiddish (609).....	12174....	4081....	8
	Other West Germanic language (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, 646).....	12228.....	4135.....	14
Greek (637).....	12237.....	4144.....	15
Indic (662-678).....	12246.....	4153.....	16
Other Indo-European language (601-606, 626, 631-636, 638, 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 language (684-695, 698-707, 716-722, 725, 727, 729-741, 743-776).....	12318.....	4225.....	24
Arabic (777).....	12327.....	4234.....	25
Hungarian (682).....	12336.....	4243.....	26
Native North American languages (800-955,959-966, 977-982).....	12345.....	4252.....	27
Other and unspecified languages (679-681, 683, 696-697, 778- 799, 956-958, 967-976, 983-999)	12354.....	4261.....	28
PA48. IMPUTATION OF ABILITY TO SPEAK 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 SERVICE(14) (14)			
	Universe: Civilian veterans 16 years and over			
	Allocated.....	12480....	4387....	1
	Not allocated:			
	May 1975 or later only:			
	September 1980 or later only:			
	With less than 2 years of service.....	12489....	4396....	2
	With 2 or more years of service.....	12498....	4405....	3
	May 1975 to August 1980 only....	12507....	4414....	4
	Both, May 1975 to August 1980 and September 1980 or later....	12516....	4423....	5
	Vietnam era, no Korean conflict nor World War II.....	12525....	4432....	6
	Vietnam era and Korean conflict, no World War II.....	12534....	4441....	7
	Vietnam era, Korean conflict, and World War II.....	12543....	4450....	8
	February 1955 to July 1964 only...	12552....	4459....	9
	Korean conflict, no Vietnam era nor World War II.....	12561....	4468....	10
	Korean conflict and World War II, no Vietnam era.....	12570....	4477....	11
	World War II, no Korean conflict nor Vietnam era.....	12579....	4486....	12
	World War I.....	12588....	4495....	13
	Other service.....	12597....	4504....	14
PA52.	AGE(2) BY IMPUTATION OF WORK DISABILITY STATUS(4) (8)			
	Universe: Civilian noninstitution- alized persons 16 years and over			
	16 to 64 years:			
	Work disability status allocated..	12606....	4513....	1,1
	Work disability status not 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 DISABILITY STATUS).....	12642....	4549....	2,1

PA53.	AGE(2) BY IMPUTATION OF WORK PREVENTION STATUS(4) (8)			
	Universe: Civilian noninstitution- alized persons 16 years and over 16 to 64 years:			
	With a work disability:			
	Work prevention status allocated.....	12678....	4585....	1,1
	Work prevention status not allocated:			
	Prevented from working.....	12687....	4594....	1,2
	Not prevented from working....	12696....	4603....	1,3
	No work disability.....	12705....	4612....	1,4
	65 years and over:			
	(Repeat IMPUTATION OF WORK PREVENTION STATUS).....	12714....	4621....	2,1
PA54.	IMPUTATION OF MOBILITY LIMITATION STATUS(3) (3)			
	Universe: Civilian noninstitution- alized persons 16 years and over			
	Allocated.....	12750....	4657....	1
	Not allocated:			
	With a mobility limitation.....	12759....	4666....	2
	No mobility limitation.....	12768....	4675....	3
PA55.	IMPUTATION OF SELF-CARE LIMITATION STATUS(3) (3)			
	Universe: Civilian noninstitution- alized persons 16 years and over			
	Allocated.....	12777....	4684....	1
	Not allocated:			
	With a self-care limitation.....	12786....	4693....	2
	No self-care limitation.....	12795....	4702....	3
PA56.	IMPUTATION OF CHILDREN EVER BORN(7) (7)			
	Universe: Females 15 years and over			
	Allocated.....	12804....	4711....	1
	Not allocated:			
	No children.....	12813....	4720....	2
	1 child.....	12822....	4729....	3
	2 children.....	12831....	4738....	4
	3 children.....	12840....	4747....	5
	4 children.....	12849....	4756....	6
	5 or more children.....	12858....	4765....	7
PA57.	IMPUTATION OF EMPLOYMENT STATUS(5) (5)			
	Universe: Persons 16 years and over			
	Allocated.....	12867....	4774....	1
	Not allocated:			
	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 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 residence.....	13002....	4909....	3
	Worked outside State of residence.	13011....	4918....	4
PA60.	IMPUTATION OF PLACE OF WORK-PLACE 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 residence.....	13038....	4945....	3
	Not living in a place.....	13047....	4954....	4
PA61.	IMPUTATION OF PLACE OF WORK-MINOR 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 of residence.....	13065....	4972....	2

	Worked outside minor civil division of residence.....	13074....	4981....	3
	Not living in the 9 Northeastern States.....	13083....	4990....	4
PA62.	IMPUTATION OF MEANS OF TRANSPORTATION 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 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 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, and other public utilities (400-499).....			
(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

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 1989).....	15108....	7015....	2,1
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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 SALARY INCOME IN 1989(2) (4) Universe: Households Allocated:			
	With wage or salary income.....	15360....	7267....	1,1
	No wage or salary income.....	15369....	7276....	1,2
	Not allocated:			
	(Repeat WAGE OR SALARY INCOME IN 1989).....	15378....	7285....	2,1
PA80.	IMPUTATION STATUS(2) BY NONFARM SELF-EMPLOYMENT INCOME IN 1989(2) (4) Universe: Households Allocated:			
	With nonfarm self-employment income.....	15396....	7303....	1,1
	No nonfarm self-employment income.	15405....	7312....	1,2
	Not allocated:			
	(Repeat NONFARM SELF-EMPLOYMENT INCOME IN 1989).....	15414....	7321....	2,1
PA81.	IMPUTATION STATUS(2) BY FARM SELF- EMPLOYMENT INCOME IN 1989(2) (4) Universe: Households Allocated:			
	With farm self-employment income.....	15432....	7339....	1,1
	No farm self-employment income....	15441....	7348....	1,2
	Not allocated:			
	(Repeat FARM SELF-EMPLOYMENT INCOME IN 1989).....	15450....	7357....	2,1
PA82.	IMPUTATION STATUS(2) BY INTEREST, DIVIDEND, OR NET RENTAL INCOME IN 1989(2) (4) Universe: Households Allocated:			
	With interest, dividend, or net rental income.....	15468....	7375....	1,1
	No interest, dividend, or net rental income.....	15477....	7384....	1,2
	Not allocated:			
	(Repeat INTEREST, DIVIDEND, OR NET RENTAL INCOME IN 1989).....	15486....	7393....	2,1
PA83.	IMPUTATION STATUS(2) BY SOCIAL SECURITY INCOME IN 1989(2) (4) Universe: Households Allocated:			

	With Social Security income.....	15504....	7411....	1,1
	No Social Security income.....	15513....	7420....	1,2
	Not allocated:			
	(Repeat SOCIAL SECURITY INCOME IN 1989).....	15522....	7429....	2,1
PA84.	IMPUTATION STATUS(2) BY PUBLIC ASSISTANCE INCOME IN 1989(2) (4)			
	Universe: Households			
	Allocated:			
	With public assistance income.....	15540....	7447....	1,1
	No public assistance income.....	15549....	7456....	1,2
	Not allocated:			
	(Repeat PUBLIC ASSISTANCE INCOME IN 1989).....	15558....	7465....	2,1
PA85.	IMPUTATION STATUS(2) BY RETIREMENT INCOME IN 1989(2) (4)			
	Universe: Households			
	Allocated:			
	With retirement income.....	15576....	7483....	1,1
	No retirement income.....	15585....	7492....	1,2
	Not allocated:			
	(Repeat RETIREMENT INCOME IN 1989).....	15594....	7501....	2,1
PA86.	IMPUTATION STATUS(2) BY OTHER TYPE OF INCOME IN 1989(2) (4)			
	Universe: Households			
	Allocated:			
	With other income.....	15612....	7519....	1,1
	No other income.....	15621....	7528....	1,2
	Not allocated:			
	(Repeat OTHER TYPE OF INCOME IN 1989).....	15630....	7537....	2,1
PA87.	AGGREGATE INCOME IN 1989(1) BY SEX AND IMPUTATION STATUS(4) (4)			
	Universe: Persons 15 years and over			
	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) BY IMPUTATION STATUS(2) (2)			
	Universe: Households			
	Total:			

	Allocated.....	15708....	7615....	1,1
	Not allocated.....	15723....	7630....	1,2
PA89.	AGGREGATE FAMILY INCOME IN 1989(1) BY IMPUTATION STATUS(2) (2) Universe: Families Total:			
	Allocated.....	15738....	7645....	1,1
	Not allocated.....	15753....	7660....	1,2
PA90.	AGGREGATE NONFAMILY HOUSEHOLD INCOME IN 1989(1) BY IMPUTATION STATUS(2) (2) Universe: Nonfamily households Total:			
	Allocated.....	15768....	7675....	1,1
	Not allocated.....	15783....	7690....	1,2
PA91.	AGGREGATE EARNINGS IN 1989 AND IMPUTATION STATUS(1) (1) Universe: Households Total:			
	Not allocated.....	15798....	7705....	1
	Filler.....	15813....	7720	
PA92.	AGGREGATE WAGE OR SALARY INCOME IN 1989(1) BY IMPUTATION STATUS(2) (2) Universe: Households Total:			
	Allocated.....	15816....	7723....	1,1
	Not allocated.....	15831....	7738....	1,2
PA93.	AGGREGATE NONFARM SELF-EMPLOYMENT INCOME IN 1989(1) BY IMPUTATION STATUS(2) (2) Universe: Households Total:			
	Allocated.....	15846....	7753....	1,1
	Not allocated.....	15861....	7768....	1,2
PA94.	AGGREGATE FARM SELF-EMPLOYMENT INCOME IN 1989(1) BY IMPUTATION STATUS(2) (2) Universe: Households Total:			
	Allocated.....	15876....	7783....	1,1
	Not allocated.....	15891....	7798....	1,2
PA95.	AGGREGATE INTEREST, DIVIDEND, OR NET RENTAL INCOME IN 1989(1) BY IMPUTATION STATUS(2) (2)			

	Universe: Households			
	Total:			
	Allocated.....	15906....	7813....	1,1
	Not allocated.....	15921....	7828....	1,2
PA96.	AGGREGATE SOCIAL SECURITY INCOME IN 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 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 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) 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 INDIVIDUAL INCOME 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...	16056....	7963....	1
	Family income in 1989 not allocated:			
	Income in 1989 above poverty 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 level.....	16101....	8008....	6

Income in 1989 below poverty level:			
Male.....	16110....	8017....	7
Female.....	16119....	8026....	8
PA101. IMPUTATION OF FAMILY OR UNRELATED INDIVIDUAL INCOME IN 1989, POVERTY STATUS IN 1989, AND AGE(20) (20)			
Universe: Persons for whom poverty status is determined			
In families:			
Family income in 1989 allocated...	16128....	8035....	1
Family income in 1989 not allocated:			
Income in 1989 above poverty 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 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, POVERTY STATUS IN 1989, AND FAMILY TYPE(5) (5)			
Universe: Families			
Family income in 1989 allocated.....	16613....	427....	1
Family income in 1989 not allocated:			
Income in 1989 above poverty level.....	16622....	436....	2
Income in 1989 below poverty level:			

Married-couple family.....	16631....	445....	3
Other family:			
Male householder, no wife			
present.....	16640....	454....	4
Female householder, no husband			
present.....	16649....	463....	5
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....	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			
years:			
Under 5 years only.....	16676....	490....	3
5 to 17 years only.....	16685....	499....	4
Under 5 years and 5 to 17			
years.....	16694....	508....	5
With no related children under			
18 years.....	16703....	517....	6
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....	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,			
POVERTY STATUS IN 1989, AND			
TENURE(4) (4)			
Universe: Families			
Family income in 1989 allocated...	16775....	589....	1
Family income in 1989 not allocated:			
Income in 1989 above poverty			
level.....	16784....	598....	2
Income in 1989 below poverty			
level:			
In owner-occupied housing			
units.....	16793....	607....	3
In renter-occupied housing			

	units.....	16802....	616....	4
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...	16811....	625....	1
	Family income in 1989 not allocated:			
	Income in 1989 above poverty level.....	16820....	634....	2
	Income in 1989 below poverty level:			
	Householder worked year round full time in 1989.....	16829....	643....	3
	Householder worked less than year round full time in 1989.	16838....	652....	4
	Householder did not work in 1989.....	16847....	661....	5
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.....	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 graduate.....	16874....	688....	3
	Householder not a high school graduate.....	16883....	697....	4
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.....	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 disability.....	16910....	724....	3
	Householder with no work disability.....	16919....	733....	4
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..	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, POVERTY STATUS IN 1989, AND AGE OF 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, POVERTY STATUS IN 1989, AND PUBLIC 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, POVERTY STATUS IN 1989, AND SOCIAL 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, POVERTY STATUS IN 1989, AND SEX(4) (4)			
	Universe: Unrelated individuals for 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, POVERTY STATUS IN 1989, AND PUBLIC ASSISTANCE INCOME IN 1989(4) (4) Universe: Unrelated individuals for 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 STATUS IN 1989, AND SOCIAL SECURITY INCOME IN 1989(4) (4) Universe: Unrelated individuals for 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) Universe: Housing units			
	Total.....	17576....	1390....	1
HA2.	UNWEIGHTED SAMPLE COUNT OF HOUSING UNITS(1) (1) Universe: Housing units			
	Total.....	17585....	1399....	1
HA3.	100-PERCENT COUNT OF HOUSING UNITS(1) (1) Universe: Housing units			
	Total.....	17594....	1408....	1
HA3A.	PERCENT OF HOUSING UNITS IN SAMPLE(1) (1) 1 implied decimal(s) 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 (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, 976-985):			
	Asian (600-652, 976, 977, 979-982, 985):			
	Chinese (605-607, 976):			
	Chinese, except Taiwanese (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- 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, 985).....	17882....	1696....	24
	Pacific Islander (653-699, 978, 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, 250-260, 290, 292-294, 296-999)	18233....	2047....	26
HA7.	HISPANIC ORIGIN OF HOUSEHOLDER(2) BY RACE OF HOUSEHOLDER(5) (10) Universe: Occupied housing units 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: (Repeat RACE OF HOUSEHOLDER).....	18287....	2101....	2,1
HA8.	UNITS IN STRUCTURE(10) (10) 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) 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) 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)			
	Universe: Occupied housing units			
	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:			
	(Repeat ROOMS).....	18656....	2470....	2,1
HA12.	AGGREGATE ROOMS(1) BY OCCUPANCY			
	STATUS AND TENURE(3) (3)			
	Universe: Housing units			
	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)			
	Universe: Occupied housing units			
	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:			
	(Repeat PERSONS IN UNIT).....	18827....	2641....	2,1
HA13A.	MEDIAN PERSONS IN UNIT(1) BY TENURE(2) (2)			
	2 implied decimal(s)			
	Universe: Occupied housing units			
	Median persons in unit:			
	Owner occupied.....	18890....	2704....	1,1
	Renter occupied.....	18899....	2713....	1,2
HA14.	KITCHEN FACILITIES(2) (2)			
	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 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 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				
AND MORTGAGE STATUS(2) (2)				
Universe: Owner-occupied condominium				
housing units				
	With a mortgage.....	19607....	3421....	1
	Not mortgaged.....	19616....	3430....	2
HA24. MORTGAGE STATUS AND SELECTED MONTHLY				
OWNER COSTS(19) (19)				
Universe: Owner-occupied mobile homes				
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				
AND MORTGAGE STATUS(2) (2)				
Universe: Owner-occupied mobile				
homes or trailers				

	With a mortgage.....	19796....	3610....	1
	Not mortgaged.....	19805....	3619....	2
HA25.	AGGREGATE VALUE(1) (1) Universe: Owner-occupied mobile homes or trailers			
	Total.....	19814....	3628....	1
HA26.	VALUE(26) (26) Universe: Specified owner-occupied 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) Universe: Specified owner-occupied noncondominium housing units			
	Median value.....	20063....	3877....	1
HA27.	AGGREGATE VALUE(1) (1) Universe: Specified owner-occupied noncondominium housing units			
	Total.....	20072....	3886....	1
HA28.	SECOND MORTGAGE OR HOME EQUITY LOAN STATUS(2) (2) 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			
	BOARDED-UP STATUS).....	20249....	4063....	2,1,1
	Rented or sold, not occupied:			
	(Repeat YEAR STRUCTURE BUILT By			
	BOARDED-UP STATUS).....	20393....	4207....	3,1,1
	For seasonal, recreational, or			
	occasional use:			
	(Repeat YEAR STRUCTURE BUILT By			
	BOARDED-UP STATUS).....	20537....	4351....	4,1,1
	For migrant workers:			
	(Repeat YEAR STRUCTURE BUILT By			
	BOARDED-UP STATUS).....	20681....	4495....	5,1,1
	Other vacant:			
	(Repeat YEAR STRUCTURE BUILT By			
	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) BY UNITS IN STRUCTURE(10) (160) Universe: Occupied housing units 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 UNITS IN STRUCTURE).....	21851....	5665....	2,1,1
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.....	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 INTO UNIT By UNITS IN STRUCTURE).	23111....	6925....	2,1,1
HA33. AGGREGATE VEHICLES AVAILABLE(1) BY 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) BY YEAR HOUSEHOLDER MOVED INTO UNIT(6) (12) Universe: Persons in occupied 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 INTO UNIT).....	23795....	7609....	1,2,1

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.....	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
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1980 to 1984:

(Repeat AGE OF HOUSEHOLDER).....	23975....	7789....	1,3,1
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1970 to 1979:

(Repeat AGE OF HOUSEHOLDER).....	24038....	7852....	1,4,1
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1960 to 1969:

(Repeat AGE OF HOUSEHOLDER).....	24101....	7915....	1,5,1
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1959 or earlier:

(Repeat AGE OF HOUSEHOLDER).....	24164....	7978....	1,6,1
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Renter occupied:

(Repeat YEAR HOUSEHOLDER MOVED INTO UNIT By AGE OF HOUSEHOLDER).	24227....	8041....	2,1,1
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Filler..... 24272.... 8086

End of Segment

Renter occupied:

(Repeat YEAR HOUSEHOLDER MOVED INTO UNIT By AGE OF HOUSEHOLDER)-Con.....	24580....	301....	2,1,6
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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
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Householder 62 years and over:

(Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL).....	34383....	2011....	1,1,3,1
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1985 to 1988:

(Repeat AGE OF HOUSEHOLDER By RATIO OF INCOME IN 1989 TO POVERTY LEVEL).....	34410....	2038....	1,2,1,1
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1984 or earlier:

(Repeat AGE OF HOUSEHOLDER By RATIO OF INCOME IN 1989 TO POVERTY LEVEL).....	34491....	2119....	1,3,1,1
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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 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 limit- ation under 62 years.....	34815....	2443....	1,1,1
	1 or more persons in unit with a mobility or self-care limit- ation 62 years and over.....	34824....	2452....	1,1,2
	No persons in unit with a mobility or self-care limitation.....	34833....	2461....	1,1,3
	2.00 and over: (Repeat MOBILITY AND SELF-CARE LIMITATION STATUS AND AGE OF PERSONS IN UNIT).....	34842....	2470....	1,2,1
	Renter occupied: (Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL By MOBILITY AND SELF-CARE LIMITATION STATUS AND AGE OF PERSONS IN UNIT).....	34869....	2497....	2,1,1
HA46.	UNITS IN STRUCTURE(6) BY BED- ROOMS(6) (36) Universe: Occupied housing units 1, detached: 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: (Repeat BEDROOMS).....	34977....	2605....	2,1
	2: (Repeat BEDROOMS).....	35031....	2659....	3,1
	3 or 4: (Repeat BEDROOMS).....	35085....	2713....	4,1
	5 or more: (Repeat BEDROOMS).....	35139....	2767....	5,1
	Mobile home, trailer, or other: (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 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 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) Universe: Housing units			
	Allocated.....	37884.....	5512.....	1
	Not allocated:			
	Complete kitchen facilities.....	37893.....	5521.....	2
HA62.	IMPUTATION OF TELEPHONE IN HOUSING UNIT(3) (3) 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) 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) 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) 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 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/ 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
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 present.....	2101....	2101....	16
Female householder, no husband present.....	2110....	2110....	17
Father/mother or father-in-law/ mother-in-law:			
In married-couple family.....	2119....	2119....	18
In other family:			
Male householder, no wife present.....	2128....	2128....	19
Female householder, no husband present.....	2137....	2137....	20
Other relatives:			
In married-couple family.....	2146....	2146....	21
In other family:			
Male householder, no wife present.....	2155....	2155....	22
Female householder, no husband present.....	2164....	2164....	23
Nonrelatives:			
In married-couple family.....	2173....	2173....	24
In other family:			
Male householder, no wife present.....	2182....	2182....	25
Female householder, no husband 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			
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			
AND ABILITY TO SPEAK ENGLISH)....	2443.....	2443.....	2,1
45 to 59 years:			
(Repeat LANGUAGE SPOKEN AT HOME			
AND ABILITY TO SPEAK ENGLISH)....	2488.....	2488.....	3,1
60 to 64 years:			
(Repeat LANGUAGE SPOKEN AT HOME			
AND ABILITY TO SPEAK ENGLISH)....	2533.....	2533.....	4,1
65 to 74 years:			
(Repeat LANGUAGE SPOKEN AT HOME			
AND ABILITY TO SPEAK ENGLISH)....	2578.....	2578.....	5,1
75 years and over:			
(Repeat LANGUAGE SPOKEN AT HOME			
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			
household speak only English.....	2668.....	2668.....	1
At least one person 14 years and			
over in household, but not all,			
speaks only English.....	2677.....	2677.....	2
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".....	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
 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 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 BORN(1) BY MARITAL STATUS(2) BY 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 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 AND COUNTY LEVEL).....	4540....	4540....	2,1
	75 years and over:			
	(Repeat RESIDENCE IN 1985-STATE AND COUNTY LEVEL).....	4630....	4630....	3,1
PB30.	RESIDENCE IN 1985-STATE, COUNTY, AND PLACE LEVEL(12) (12)			
	Universe: Persons 5 years and over			
	Same house in 1985.....	4720....	4720....	1
	Different house in the United States 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)			
	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 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 remainder of this MSA/PMSA...	4864....	4864....	5
Moved from remainder of this MSA/PMSA to central city.....	4873....	4873....	6
Moved within remainder of this MSA/PMSA.....	4882....	4882....	7
Different MSA/PMSA in 1985:			
Central city.....	4891....	4891....	8
Remainder of different MSA/ 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 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 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/ 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 LEVEL(3) (3)			
	Universe: Workers 16 years and over			
	Living in the 9 Northeastern States:			
	Worked in the minor civil division of residence.....	5143....	5143....	1
	Worked outside minor civil division of residence.....	5152....	5152....	2
	Not living in the 9 Northeastern 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
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45 to 59 minutes:

(Repeat MEANS OF TRANSPORTATION TO WORK).....	5440....	5440....	1,3,1
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60 or more minutes:

(Repeat MEANS OF TRANSPORTATION TO WORK).....	5458....	5458....	1,4,1
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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 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			
	equivalency).....	6277....	6277....	1,8
	Some college, no degree.....	6286....	6286....	1,9
	Associate degree in college			
	(occupational program).....	6295....	6295....	1,10
	Associate degree in college			
	(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 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			
	equivalency).....	6502....	6502....	1,1,3
	Some college, no degree or			
	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, EDUCATIONAL ATTAINMENT, AND EMPLOYMENT STATUS).....	7636....	7636....	1,3,1
Persons 22 to 24 years:			
(Repeat SCHOOL ENROLLMENT, EDUCATIONAL ATTAINMENT, AND EMPLOYMENT STATUS).....	7780....	7780....	1,4,1
Female:			
(Repeat AGE By SCHOOL ENROLLMENT, EDUCATIONAL ATTAINMENT, AND EMPLOYMENT STATUS).....	7924....	7924....	2,1,1
Filler.....	8086....	8086	
End of Segment			
Female:			
(Repeat AGE By SCHOOL ENROLLMENT, EDUCATIONAL ATTAINMENT, AND 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
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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			
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 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

service..... 10230.... 2137.... 1,1

With 2 or more years of

service..... 10239.... 2146.... 1,2

May 1975 to August 1980 only.... 10248.... 2155.... 1,3

Both, May 1975 to August 1980

and September 1980 or later.... 10257.... 2164.... 1,4

Vietnam era, no Korean conflict

nor World War II..... 10266.... 2173.... 1,5

Vietnam era and Korean conflict,

no World War II..... 10275.... 2182.... 1,6

Vietnam era, Korean conflict, and

World War II..... 10284.... 2191.... 1,7

February 1955 to July 1964 only...

Korean conflict, no Vietnam era

nor World War II..... 10302.... 2209.... 1,9

Korean conflict and World War II,

no Vietnam era..... 10311.... 2218.... 1,10

World War II, no Korean conflict

nor Vietnam era..... 10320.... 2227.... 1,11

World War I..... 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) Universe: Civilian noninstitutionalized persons 16 years and over 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) 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.....	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, 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 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 WORK STATUS IN 1989).....	12345....	4252....	1,2,1
65 to 69 years:			
(Repeat SEX By EMPLOYMENT STATUS AND WORK STATUS IN 1989).....	12372....	4279....	2,1,1
70 years and over:			
(Repeat SEX By EMPLOYMENT STATUS AND WORK STATUS IN 1989).....	12426....	4333....	3,1,1
PB59. SEX(2) BY EMPLOYMENT STATUS, HOURS 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:			
At work 35 or more hours....	12489....	4396....	1,2
At work 15 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 WORKED LAST WEEK AND YEAR LAST 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 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 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 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 HOURS WORKED PER WEEK IN 1989, AND WEEKS WORKED IN 1989).....			
	12849....	4756....	2,1

PB61. SEX(2) BY INDUSTRY(72) (144)

Universe: Employed persons 16 years
and over

Male:

Agricultural production (000-010, 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 (100-129).....	13065....	4972....	1,6
Textile mill products (132- 150).....	13074....	4981....	1,7
Apparel and other finished textile products (151-159)...	13083....	4990....	1,8
Paper and allied products (160-170).....	13092....	4999....	1,9
Printing, publishing, and allied industries (171-179)..	13101....	5008....	1,10
Chemicals and allied products (180-199).....	13110....	5017....	1,11
Petroleum and coal products (200-209).....	13119....	5026....	1,12
Rubber and miscellaneous plastics products (210-219)..	13128....	5035....	1,13
Other nondurable goods (130- 131, 220-229).....	13137....	5044....	1,14
Durable goods (230-399):			
Furniture, lumber, and wood products (230-249).....	13146....	5053....	1,15
Primary metal industries (270- 280).....	13155....	5062....	1,16
Fabricated metal industries (281-309).....	13164....	5071....	1,17
Machinery and computing equipment (310-339).....	13173....	5080....	1,18
Electrical equipment and components, except computer (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 ware- housing (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 (872, 890-899).....	13641....	5548....	1,70
	Public administration (900-939):			
	Justice, public order, and safety (910-920).....	13650....	5557....	1,71
	Other public administration (900-909, 921-939).....	13659....	5566....	1,72
	Female:			
	(Repeat INDUSTRY).....	13668....	5575....	2,1
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...	14316....	6223....	1,1,1
	Employee of own corporation...	14325....	6232....	1,1,2
	Private not-for-profit wage and 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 WORKER).....	14460....	6367....	2,1,1
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).....	14604....	6511....	1,1
	Financial managers (007).....	14613....	6520....	1,2
	Managers, marketing, advertis- ing, and public relations (013).....	14622....	6529....	1,3
	Administrators, education and			

related fields (014).....	14631....	6538....	1,4
Other specified managers and administrators (008-012, 015- 021).....	14640....	6547....	1,5
Managers and administrators, n.e.c. (022):			
Salaried (022).....	14649....	6556....	1,6
Self-employed (022).....	14658....	6565....	1,7
Management related occupations (023-042):			
Accountants and auditors (023).....	14667....	6574....	1,8
Other management related occupations (024-042).....	14676....	6583....	1,9
Professional specialty occu- pations (043-202):			
Engineers, architects, and sur- veyors (043-063):			
Engineers (044-062).....	14685....	6592....	1,10
Architects and surveyors (043, 063).....	14694....	6601....	1,11
Mathematical and computer scientists (064-068).....	14703....	6610....	1,12
Natural scientists (069-083)..	14712....	6619....	1,13
Health diagnosing occupations (084-094):			
Physicians (084).....	14721....	6628....	1,14
Other health diagnosing occupations (085-094).....	14730....	6637....	1,15
Health assessment and treating occupations (095-112):			
Registered nurses (095).....	14739....	6646....	1,16
Other health assessment and treating occupations (096- 112).....	14748....	6655....	1,17
Teachers, postsecondary (113- 154).....	14757....	6664....	1,18
Teachers, except postsecondary (155-162):			
Teachers, elementary and secondary schools (155-157)	14766....	6673....	1,19
Other teachers, except post- secondary (158-162).....	14775....	6682....	1,20
Librarians and counselors (163-165).....	14784....	6691....	1,21
Social scientists and urban planners (166-173).....	14793....	6700....	1,22
Social, recreation, and 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, except financial (325-336)....	14973....	6880....	1,42
Bookkeepers, accounting, and auditing clerks (337).....	14982....	6889....	1,43
Other financial records proces- sing occupations (338-344)....	14991....	6898....	1,44
Mail and message distributing occupations (354-358).....	15000....	6907....	1,45
Material recording, scheduling and distributing clerks (359- 374).....	15009....	6916....	1,46
Adjusters and investigators (375-378).....	15018....	6925....	1,47
Other administrative support occupations (345-353, 379-402)	15027....	6934....	1,48
Service occupations (403-472):			
Private household occupations (403-412).....	15036....	6943....	1,49
Protective service occupations (413-432):			
Police and firefighters (417- 422).....	15045....	6952....	1,50
Guards (425-432).....	15054....	6961....	1,51
Other protective service oc- cupations (413-416, 423-424).	15063....	6970....	1,52
Food service occupations (433- 444):			
Waiters and waitresses (435)..	15072....	6979....	1,53
Cooks (436-437).....	15081....	6988....	1,54
Other food service occupations (433-434, 438-444).....	15090....	6997....	1,55
Health service occupations (445- 447):			
Nursing aides, orderlies, and attendants (447).....	15099....	7006....	1,56
Other health service occupa- tions (445-446).....	15108....	7015....	1,57
Cleaning and building service occupations, except household (448-455).....	15117....	7024....	1,58
Personal service occupations (456-472):			
Barbers, hairdressers, and cosmetologists (457-458).....	15126....	7033....	1,59
Child care workers (466-468)..	15135....	7042....	1,60
Other personal service occupations (456, 459-465, 469-472).....	15144....	7051....	1,61
Farming, forestry, and fishing occupations (473-502):			
Farm operators and managers			

(473-476).....	15153....	7060....	1,62
Farm occupations, except managers (477-484).....	15162....	7069....	1,63
Related agricultural occupations (485-493):			
Groundskeepers and gardeners, except farm (486).....	15171....	7078....	1,64
Other related agricultural occupations (485, 487-493)...	15180....	7087....	1,65
Forestry and logging occupations (494-496).....	15189....	7096....	1,66
Fishers, hunters, and trappers (497-502).....	15198....	7105....	1,67
Precision production, craft, and repair occupations (503-702):			
Auto mechanics and repairers (505-506, 514).....	15207....	7114....	1,68
Mechanics and repairers, except auto (503-504, 507-513, 515- 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 maintenance (579-582).....	15243....	7150....	1,72
Plumbers, pipefitters, and steamfitters (585-587).....	15252....	7159....	1,73
Other construction trades (553-566, 573-574, 577-578, 583-584, 588-612).....	15261....	7168....	1,74
Extractive occupations (613-627)	15270....	7177....	1,75
Precision production occupations (628-702):			
Supervisors, production oc- cupations (628-633).....	15279....	7186....	1,76
Precision metal working occu- pations (634-655).....	15288....	7195....	1,77
Precision food production oc- cupations (686-688).....	15297....	7204....	1,78
Other precision production oc- cupations (656-685, 689-702).	15306....	7213....	1,79
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).....	15315....	7222....	1,80
Printing machine operators			

(734-737).....	15324....	7231....	1,81
Textile, apparel, and furn- ishings machine operators (738-752).....	15333....	7240....	1,82
Other machine operators and tenders, except precision (717-733, 753-782).....	15342....	7249....	1,83
Fabricators, assemblers, and hand working occupations (783-795).....	15351....	7258....	1,84
Production inspectors, testers, samplers, and weighers (796- 802).....	15360....	7267....	1,85
Transportation and material moving occupations (803-863):			
Motor vehicle operators (803- 822):			
Truck drivers (804-805).....	15369....	7276....	1,86
Bus drivers (808).....	15378....	7285....	1,87
Other motor vehicle opera- tors (803, 806-807, 809- 822).....	15387....	7294....	1,88
Transportation occupations, except motor vehicles (823- 842).....	15396....	7303....	1,89
Material moving equipment op- erators (843-863).....	15405....	7312....	1,90
Handlers, equipment cleaners, helpers, and laborers (864-902):			
Construction laborers (869- 873).....	15414....	7321....	1,91
Freight, stock, and material handlers (875-884).....	15423....	7330....	1,92
Hand packers and packagers (888).....	15432....	7339....	1,93
Miscellaneous manual occupa- tions (864-868, 874, 885-887, 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
 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 1989(1) (1)			
	Universe: Households			
	Total.....	18035....	1849....	1
PB79.	AGGREGATE NONFARM SELF-EMPLOYMENT INCOME IN 1989(1) (1)			
	Universe: Households			
	Total.....	18050....	1864....	1
PB80.	AGGREGATE FARM SELF-EMPLOYMENT INCOME IN 1989(1) (1)			
	Universe: Households			
	Total.....	18065....	1879....	1
PB81.	AGGREGATE INTEREST, DIVIDEND, OR NET RENTAL INCOME IN 1989(1) (1)			
	Universe: Households			
	Total.....	18080....	1894....	1
PB82.	AGGREGATE SOCIAL SECURITY INCOME IN 1989(1) (1)			
	Universe: Households			
	Total.....	18095....	1909....	1
PB83.	AGGREGATE PUBLIC ASSISTANCE INCOME IN 1989(1) (1)			
	Universe: Households			
	Total.....	18110....	1924....	1
PB84.	AGGREGATE RETIREMENT INCOME IN 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 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.....	18155....	1969....	1,1
	6 to 17 years only.....	18164....	1978....	1,2
	Under 6 years and 6 to 17 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 years.....	18209....	2023....	1,7
	No own children under 18 years	18218....	2032....	1,8
	Female householder, no husband 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 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 AND AGE OF CHILDREN).....	18263....	2077....	2,1
	\$10,000 to \$12,499:			
	(Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN).....	18371....	2185....	3,1
	\$12,500 to \$14,999:			
	(Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN).....	18479....	2293....	4,1
	\$15,000 to \$17,499:			
	(Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN).....	18587....	2401....	5,1
	\$17,500 to \$19,999:			
	(Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN).....	18695....	2509....	6,1
	\$20,000 to \$22,499:			
	(Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN).....	18803....	2617....	7,1
	\$22,500 to \$24,999:			

(Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN).....	18911....	2725....	8,1
\$25,000 to \$27,499:			
(Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN).....	19019....	2833....	9,1
\$27,500 to \$29,999:			
(Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN).....	19127....	2941....	10,1
\$30,000 to \$32,499:			
(Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN).....	19235....	3049....	11,1
\$32,500 to \$34,999:			
(Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN).....	19343....	3157....	12,1
\$35,000 to \$37,499:			
(Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN).....	19451....	3265....	13,1
\$37,500 to \$39,999:			
(Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN).....	19659....	3373....	14,1
\$40,000 to \$42,499:			
(Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN).....	19667....	3481....	15,1
\$42,500 to \$44,999:			
(Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN).....	19775....	3589....	16,1
\$45,000 to \$47,499:			
(Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN).....	19883....	3697....	17,1
\$47,500 to \$49,999:			
(Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN).....	19991....	3805....	18,1
\$50,000 to \$54,999:			
(Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN).....	20099....	3913....	19,1
\$55,000 to \$59,999:			
(Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN).....	20207....	4021....	20,1
\$60,000 to \$74,999:			
(Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN).....	20315....	4129....	21,1
\$75,000 to \$99,999:			
(Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN).....	20423....	4237....	22,1
\$100,000 to \$124,999:			
(Repeat FAMILY TYPE AND PRESENCE AND AGE OF CHILDREN).....	20531....	4345....	23,1
\$125,000 to \$149,999:			
(Repeat FAMILY TYPE AND PRESENCE 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) Universe: Families 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) Universe: Families 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) Universe: Families 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 years.....	20990....	4804....	1,7
No own children under 18 years.	20999....	4813....	1,8
Female householder, no husband 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 years.....	21026....	4840....	1,11
No own children under 18 years.	21035....	4849....	1,12

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.....	21044....	4858....	1,1
6 to 17 years only.....	21059....	4873....	1,2
Under 6 years and 6 to 17 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 years.....	21134....	4948....	1,7
No own children under 18 years	21149....	4963....	1,8

Female householder, no husband 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 years.....	21194....	5008....	1,11
No own children under 18 years	21209....	5023....	1,12

PB88. WORKERS IN FAMILY IN 1989(4) BY 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 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)			
Universe: Families			
Median family income in 1989.....	22124....	5938....	1
 PB88B. MEDIAN FAMILY INCOME IN 1989(1) BY WORKERS IN FAMILY IN 1989(3) (3)			
Universe: Families			
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 WORKERS IN FAMILY IN 1989(4) (4)			
Universe: Families			
Median family income in 1989:			
No workers.....	22160....	5974....	1,1
1 worker.....	22169....	5983....	1,2
2 or more workers, husband and wife worked.....	22178....	5992....	1,3
2 or more workers, other.....	22187....	6001....	1,4
 PB89. AGGREGATE FAMILY INCOME IN 1989(1) 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....	62D8....	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
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4 persons:

(Repeat FAMILY INCOME IN 1989)....	22736....	6550....	3,1
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5 persons:

(Repeat FAMILY INCOME IN 1989)....	22961....	6775....	4,1
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6 persons:

(Repeat FAMILY INCOME IN 1989)....	23186....	7000....	5,1
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7 or more persons:

(Repeat FAMILY INCOME IN 1989)....	23411....	7225....	6,1
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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
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Not living alone:

(Repeat AGE OF HOUSEHOLDER By NONFAMILY HOUSEHOLD INCOME IN 1989).....	24140....	7954....	1,2,1,1
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Filler.....	24275....	8089		
End of Segment				
Not living alone:				
(Repeat AGE OF HOUSEHOLDER By				
NONFAMILY HOUSEHOLD INCOME IN				
1989).....	24580....	301...	1,2,1,16	
Female householder:				
(Repeat HOUSEHOLD TYPE By AGE OF				
HOUSEHOLDER By NONFAMILY HOUSEHOLD				
INCOME IN 1989).....	24895....	616....	2,1,1,1	
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.....	25795....	1516....	1,1	
Female householder.....	25804....	1525....	1,2	
PB91B. MEDIAN NONFAMILY HOUSEHOLD INCOME				
IN 1989(1) BY SEX OF HOUSEHOLDER(2)				
BY HOUSEHOLD TYPE(2) (4)				
Universe: Nonfamily households				
Median nonfamily household income				
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	
PB91C. MEDIAN NONFAMILY HOUSEHOLD INCOME IN				
1989(1) BY SEX OF HOUSEHOLDER(2) BY				
HOUSEHOLD TYPE(2) BY AGE OF				
HOUSEHOLDER(2) (8)				
Universe: Nonfamily households				
Median nonfamily household income in				
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-				
HOLDER).....	25885....	1606....	1,2,1,1	
PB92. AGGREGATE NONFAMILY HOUSEHOLD INCOME				
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 1989.....	26887....	2608....	1,1,1
Other.....	26896....	2617....	1,1,2
Female:			
(Repeat WEEKS WORKED IN 1989 AND USUAL HOURS WORKED PER WEEK IN 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 1989.....	26923....	2644....	1,1,1
Other.....	26938....	2659....	1,1,2
Female:			
(Repeat WEEKS WORKED IN 1989 AND USUAL HOURS WORKED PER WEEK IN 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			
	IN 1989).....	29476....	5197....	2,1
	75 years and over:			
	(Repeat HOUSEHOLD TYPE AND INCOME			
	IN 1989).....	29584....	5305....	3,1
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.....	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)			
	BY AGE(16) (64)			
	Universe: Persons for whom poverty			
	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 TO POVERTY LEVEL(9) (81) Universe: Persons for whom poverty status is determined 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 TO POVERTY LEVEL).....	30484....	6205....	2,1
	12 to 17 years:			
	(Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL).....	30565....	6286....	3,1
	18 to 24 years:			
	(Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL).....	30646....	6367....	4,1
	25 to 44 years:			
	(Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL).....	30727....	6448....	5,1
	45 to 59 years:			
	(Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL).....	30808....	6529....	6,1
	60 to 64 years:			
	(Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL).....	30889....	6610....	7,1
	65 to 74 years:			
	(Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL).....	30970....	6691....	8,1
	75 years and over:			
	(Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL).....	31051....	6772....	9,1
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.....	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: (Repeat FAMILY TYPE AND PRESENCE 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: (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: (Repeat TENURE By AGE OF HOUSE- 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 full time in 1989:			
Spouse worked year round full time in 1989.....	31762....	7483....	1,1
Spouse worked less than year round full time in 1989.....	31771....	7492....	1,2
Spouse did not work in 1989...	31780....	7501....	1,3
Householder worked less than year round full time in 1989:			
Spouse worked year round full time in 1989.....	31789....	7510....	1,4
Spouse worked less than year 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 time in 1989.....	31816....	7537....	1,7
Spouse worked less than year 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 full time in 1989.....	31843....	7564....	1,10

Householder worked less than year round full time in 1989.	31852....	7573....	1,11
Householder did not work in 1989.....	31861....	7582....	1,12
Female householder, no husband present:			
Householder worked year round full time in 1989.....	31870....	7591....	1,13
Householder worked less than year round full time in 1989.	31879....	7600....	1,14
Householder did not work in 1989.....	31888....	7609....	1,15
Income in 1989 below poverty level: (Repeat FAMILY TYPE AND WORK EXPERIENCE OF HOUSEHOLDER IN 1989).....	31897....	7618....	2,1

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.....	32032....	7753....	1,1
Householder not a high school graduate.....	32041....	7762....	1,2

Other family:

Male householder, no wife present:

Householder a high school graduate.....	32050....	7771....	1,3
Householder not a high school graduate.....	32059....	7780....	1,4

Female householder, no husband present:

Householder a high school graduate.....	32068....	7789....	1,5
Householder not a high school graduate.....	32077....	7798....	1,6

Income in 1989 below poverty level:
(Repeat FAMILY TYPE AND EDUCATIONAL ATTAINMENT OF HOUSEHOLDER).....

32086....	7807....	2,1
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PB107. POVERTY STATUS IN 1989(2) BY WORK DISABILITY STATUS OF HOUSEHOLDER(2) (4)

Universe: Families with householder 16 to 64 years

Income in 1989 above poverty level:

Householder with a work disability	32140....	7861....	1,1
Householder with no work disability.....	32149....	7870....	1,2

Income in 1989 below poverty level: (Repeat WORK DISABILITY STATUS OF HOUSEHOLDER).....	32158....	7879....	2,1
PB108. POVERTY STATUS IN 1989(2) BY NATIVITY AND YEAR OF ENTRY OF HOUSEHOLDER(4) (8) 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: (Repeat NATIVITY AND YEAR OF ENTRY OF HOUSEHOLDER).....	32212....	7933....	2,1
PB109. POVERTY STATUS IN 1989(2) BY FAMILY TYPE AND AGE OF HOUSEHOLDER(18) (36) 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 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: (Repeat FAMILY TYPE AND AGE OF 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
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In renter-occupied housing units.....	34242....	1870....	1,16
In group quarters.....	34251....	1879....	1,17
Income in 1989 below poverty level: (Repeat AGE OF HOUSEHOLDER, HOUSE- HOLD TYPE AND RELATIONSHIP, AND TENURE).....	34260....	1888....	2,1
PB117. POVERTY STATUS IN 1989(2) BY HOUSE- HOLD 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.....			
in 1989.....	34413....	2041....	1,1
Worked less than year round full time in 1989.....	34422....	2050....	1,2
Did not work in 1989.....	34431....	2059....	1,3
Not living alone: Worked year round full time in 1989.....	34440....	2068....	1,4
Worked less than year round full time in 1989.....	34449....	2077....	1,5
Did not work in 1989.....	34458....	2086....	1,6
Other unrelated individuals: In family households: Worked year round full time in 1989.....	34467....	2095....	1,7
Worked less than year round full time in 1989.....	34476....	2104....	1,8
Did not work in 1989.....	34485....	2113....	1,9
In nonfamily households: Worked year round full time in 1989.....	34494....	2122....	1,10
Worked less than year round full time in 1989.....	34503....	2131....	1,11
Did not work in 1989.....	34512....	2140....	1,12
In group quarters: Worked year round full time in 1989.....	34521....	2149....	1,13
Worked less than year round full time in 1989.....	34530....	2158....	1,14
Did not work in 1989.....	34539....	2167....	1,15
Income in 1989 below poverty level: (Repeat HOUSEHOLD TYPE AND RELATIONSHIP AND WORK EXPERIENCE 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 RE-
 LATIONSHIP AND PUBLIC ASSISTANCE
 INCOME IN 1989)..... 35493.... 3121.... 2,1

PB122. POVERTY STATUS IN 1989(2) BY HOUSE-
 HOLD 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) Universe: Persons in households			
	Allocated.....	35763....	3391....	1
	Not allocated.....	35772....	3400....	2
PB124.	IMPUTATION OF GROUP QUARTERS(2) (2) Universe: Persons in group quarters			
	Allocated.....	35781....	3409....	1
	Not allocated.....	35790....	3418....	2
PB125.	IMPUTATION OF SEX(2) (2) Universe: Persons			
	Allocated.....	35799....	3427....	1
	Not allocated.....	35808....	3436....	2
PB126.	IMPUTATION OF AGE(2) (2) Universe: Persons			
	Allocated.....	35817....	3445....	1
	Not allocated.....	35826....	3454....	2
PB127.	IMPUTATION OF MARITAL STATUS(2) (2) Universe: Persons 15 years and over			
	Allocated.....	35835....	3463....	1
	Not allocated.....	35844....	3472....	2
PB128.	IMPUTATION OF PLACE OF BIRTH(2) (2) Universe: Persons			
	Allocated.....	35853....	3481....	1
	Not allocated.....	35862....	3490....	2
PB129.	IMPUTATION OF CITIZENSHIP(2) (2) Universe: Persons			
	Allocated.....	35871....	3499....	1
	Not allocated.....	35880....	3508....	2
PB130.	IMPUTATION OF YEAR OF ENTRY(2) (2) Universe: Foreign-born persons			
	Allocated.....	35889....	3517....	1
	Not allocated.....	35898....	3526....	2
PB131.	IMPUTATION OF SCHOOL ENROLLMENT(2) (2) Universe: Persons 3 years and over			
	Allocated.....	35907....	3535....	1
	Not allocated.....	35916....	3544....	2
PB132.	IMPUTATION OF EDUCATIONAL ATTAINMENT(2) (2) 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 STATUS(2) (2) Universe: Civilian noninstitution- alized persons 16 years and over			
	Allocated.....	36105....	3733....	1
	Not allocated.....	36114....	3742....	2
PB141.	IMPUTATION OF SELF-CARE LIMITATION STATUS(2) (2) Universe: Civilian noninstitution- alized persons 16 years and over			
	Allocated.....	36123....	3751....	1
	Not allocated.....	36132....	3760....	2
PB142.	IMPUTATION OF CHILDREN EVER BORN(2) (2) Universe: Females 15 years and over			
	Allocated.....	36141....	3769....	1
	Not allocated.....	36150....	3778....	2
PB143.	IMPUTATION OF PLACE OF WORK(3) (3) Universe: Workers 16 years and over			
	Allocated:			
	One or more but not all geographic parts allocated.....	36159....	3787....	1
	All geographic parts allocated....	36168....	3796....	2
	Not allocated.....	36177....	3805....	3
PB144.	IMPUTATION OF MEANS OF TRANSPORTATION TO WORK(2) (2) Universe: Workers 16 years and over			
	Allocated.....	36186....	3814....	1
	Not allocated.....	36195....	3823....	2
PB145.	IMPUTATION OF PRIVATE VEHICLE OCCUPANCY(3) (3) 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 GO TO WORK(3) (3) 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 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 and over			
	Allocated.....	36375....	4003....	1
	Not allocated.....	36384....	4012....	2
PB153.	IMPUTATION OF OCCUPATION(2) (2)			
	Universe: Employed persons 16 years and over			
	Allocated.....	36393....	4021....	1
	Not allocated.....	36402....	4030....	2
PB154.	IMPUTATION OF CLASS OF WORKER(2) (2)			
	Universe: Employed persons 16 years 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 1989(2) (2)			
	Universe: Households			
	Allocated.....	36447....	4075....	1
	Not allocated.....	36456....	4084....	2
PB157.	IMPUTATION OF FAMILY INCOME IN 1989(2) (2)			
	Universe: Families			
	Allocated.....	36465....	4093....	1
	Not allocated.....	36474....	4102....	2
PB158.	IMPUTATION OF NONFAMILY HOUSEHOLD INCOME IN 1989(2) (2)			
	Universe: Nonfamily households			
	Allocated.....	36483....	4111....	1
	Not allocated.....	36492....	4120....	2
PB159.	IMPUTATION OF FAMILY INCOME IN 1989(2) BY POVERTY STATUS IN 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 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...	36537....	4165....	1
	Family income in 1989 not allocated:			
	Income in 1989 above poverty level.....	36546....	4174....	2
	Income in 1989 below poverty level.....	36555....	4183....	3
	Unrelated individuals:			
	Income in 1989 allocated.....	36564....	4192....	4
	Income in 1989 not allocated:			
	Income in 1989 above poverty level.....	36573....	4201....	5
	Income in 1989 below poverty			

	level.....	36582....	4210....	6
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	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) (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)			
	Universe: Specified renter-occupied housing units paying cash rent			
	Median gross rent.....	37842.....	5470.....	1
HB13.	AGGREGATE GROSS RENT(1) (1)			
	Universe: Specified renter-occupied housing units paying cash rent			
	Total.....	37851.....	5479.....	1
HB14.	TENURE(2) BY HOUSEHOLD INCOME IN 1989(25) (50)			
	Universe: Occupied housing units			
	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:			
(Repeat GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989).....	38733.....	6361.....	4,1
\$25,000 to \$29,999:			
(Repeat GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989).....	38823.....	6451.....	5,1
\$30,000 to \$34,999:			
(Repeat GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989).....	38913.....	6541.....	6,1
\$35,000 to \$49,999:			
(Repeat GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989).....	39003.....	6631.....	7,1
\$50,000 or more:			
(Repeat GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989).....	39093.....	6721.....	8,1
HB16A. MEDIAN GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989(1) (1)			
1 implied decimal(s)			
Universe: Specified renter-occupied housing units paying cash rent			
Median gross rent as a percentage of household income in 1989.....	39183.....	6811.....	1
HB16B. MEDIAN GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989(1) BY HOUSEHOLD INCOME IN 1989(8) (8)			
1 implied decimal(s)			
Universe: Specified renter-occupied housing units paying cash rent			
Median gross rent as a percentage of 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 HOUSEHOLD INCOME IN 1989(1) BY HOUSEHOLD INCOME IN 1989(2) (2)			
1 implied decimal(s)			
Universe: Specified renter-occupied housing units paying cash rent			
Median gross rent as a percentage 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 SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989)-Con.....	40766....	301....	7,2,2
	\$50,000 or more:			
	(Repeat MORTGAGE STATUS By SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME 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 AND MORTGAGE STATUS(2) (2)			
	Universe: Specified owner-occupied housing units			
	With a mortgage.....	41504....	1039....	1
	Not mortgaged.....	41513....	1048....	2
HB19.	AGGREGATE SELECTED MONTHLY OWNER COSTS(1) BY MORTGAGE STATUS(2) (2)			
	Universe: Specified owner-occupied 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) 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.....	41552....	1087....	1,1,1,1
	1.01 or more.....	41561....	1096....	1,1,1,2
	Lacking complete plumbing facilities:			
	(Repeat PERSONS PER ROOM).....	41570....	1105....	1,1,2,1
	Income in 1989 below poverty level:			
	(Repeat PLUMBING FACILITIES By PERSONS PER ROOM).....	41588....	1123....	1,2,1,1
	Renter occupied:			
	(Repeat POVERTY STATUS IN 1989 By PLUMBING FACILITIES By PERSONS PER ROOM).....	41624....	1159....	2,1,1,1
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.....	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:			
	(Repeat YEAR STRUCTURE BUILT)...	41723....	1258....	1,2,1
	Renter occupied:			
	(Repeat POVERTY STATUS IN 1989 By YEAR STRUCTURE BUILT).....	41750....	1285....	2,1,1
HB22.	TENURE(2) BY POVERTY STATUS IN 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 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.....	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 RENT(2) (8)			
	Universe: Specified renter-occupied 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 HOUSEHOLDER(4) (4)			
	Universe: Specified renter-occupied 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 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.....	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) BY KITCHEN FACILITIES(2) (16) Universe: Occupied housing units Owner occupied: Householder 15 to 59 years: Complete kitchen Facilities.....	44303....	3838....	1,1,1
	Lacking complete kitchen facilities.....	44312....	3847....	1,1,2
	Householder 60 to 64 years: (Repeat KITCHEN FACILITIES).....	44321....	3856....	1,2,1
	Householder 65 to 74 years: (Repeat KITCHEN FACILITIES).....	44339....	3874....	1,3,1
	Householder 75 years and over: (Repeat KITCHEN FACILITIES).....	44357....	3892....	1,4,1
	Renter occupied: (Repeat AGE OF HOUSEHOLDER By KITCHEN FACILITIES).....	44375....	3910....	2,1,1
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.....	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... ..	44474....	4009....	1,1,4
	2 or more persons: (Repeat AGE OF HOUSEHOLDER).....	44483....	4018....	1,2,1
	Renter occupied: (Repeat PERSONS IN UNIT By AGE OF HOUSEHOLDER).....	44519....	4054....	2,1,1
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.....	44591....	4126....	1,1,1
	Other family: Male householder, no wife present.....	44600....	4135....	1,1,2
	Female householder, no husband present.....	44609....	4144....	1,1,3
	Nonfamily households: 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			
	HOUSEHOLD TYPE).....	44771....	4306....	2,1,1
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.....	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			
	YEAR STRUCTURE BUILT).....	45059....	4594....	2,1,1
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....	45167....	4702....	1,1,1
	Lacking complete plumbing			
	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			
	PLUMBING FACILITIES).....	45239....	4774....	2,1,1
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.....	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)			
	Universe: Specified owner-occupied housing units			
	Median value.....	47330.....	6865.....	1
HB52.	AGGREGATE VALUE(1) (1)			
	Universe: Specified owner-occupied housing units			
	Total.....	47339.....	6874.....	1
HB53.	TENURE(2) BY HOUSEHOLD INCOME IN 1989(13) BY PERSONS IN UNIT(7) (182)			
	Universe: Occupied housing units			
	Owner occupied:			
	Less than \$5,000:			
	1 person.....	47364.....	6889.....	1,1,1
	2 persons.....	47363.....	6898.....	1,1,2
	3 persons.....	47372.....	6907.....	1,1,3
	4 persons.....	47381.....	6916.....	1,1,4
	5 persons.....	47390.....	6925.....	1,1,5
	6 persons.....	47399.....	6934.....	1,1,6
	7 or more persons.....	47408.....	6943.....	1,1,7
	\$5,000 to \$9,999:			
	(Repeat PERSONS IN UNIT).....	47417.....	6952.....	1,2,1
	\$10,000 to \$14,999:			
	(Repeat PERSONS IN UNIT).....	47480.....	7015.....	1,3,1
	\$15,000 to \$19,999:			
	(Repeat PERSONS IN UNIT).....	47543.....	7078.....	1,4,1
	\$20,000 to \$24,999:			
	(Repeat PERSONS IN UNIT).....	47606.....	7141.....	1,5,1
	\$25,000 to \$29,999:			
	(Repeat PERSONS IN UNIT).....	47669.....	7204.....	1,6,1
	\$30,000 to \$34,999:			
	(Repeat PERSONS IN UNIT).....	47732.....	7267.....	1,7,1
	\$35,000 to \$39,999:			
	(Repeat PERSONS IN UNIT).....	47795.....	7330.....	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.....	49342.....	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
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51 percent or more:

(Repeat PERSONS IN UNIT)....	53683....	5125..1,1,1,3,1
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Not computed:

(Repeat PERSONS IN UNIT)....	53710....	5152..1,1,1,4,1
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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
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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		
(Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL By SELECTED CHAR- ACTERISTICS By GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989 By PERSONS IN UNIT).....	54277....	5719..2,1,1,1,1
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 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.....	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:		
(Repeat PERSONS IN UNIT)....	54952....	6394..1,1,1,2,1
51 percent or more:		
(Repeat PERSONS IN UNIT)....	54979....	6421..1,1,1,3,1
Not computed:		
(Repeat PERSONS IN UNIT)....	55006....	6448..1,1,1,4,1
No selected characteristics:		
(Repeat SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989 By PERSONS IN UNIT).....	55033....	6475..1,1,2,1,1
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).....	55141....	6583..1,2,1,1,1
1.50 and over:		
(Repeat SELECTED CHARACTERISTICS By SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME IN 1989 By PERSONS IN UNIT).....	55357....	6799..1,3,1,1,1
Householder 62 years and over:		
(Repeat RATIO OF INCOME IN 1989 TO POVERTY LEVEL By SELECTED CHAR- ACTERISTICS By SELECTED MONTHLY 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 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 housing units			
	Allocated.....	64611.....	7960.....	1
	Not allocated.....	64620.....	7969.....	2

HB73.	IMPUTATION OF MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS(4) (4)			
	Universe: Specified owner-occupied 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 housing units			
	Allocated.....	64665.....	8014.....	1
	Not allocated.....	64674.....	8023.....	2
	Filler.....	64683.....	8032	
	End of Record			

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 Puerto Rico (See Outlying Areas of the United States, see State)
 Purchase (See County Subdivision)

Region (See Census Region and Census Division)
 Rural (See Urban and Rural)
 Selected States (See County Subdivision, see State)
 State..... 597
 Supervisors' District (See County Subdivision)
 Tabulation Block Group (See Block Group)
 TIGER..... 598
 Town (See County Subdivision, see Place)

Township (See County Subdivision)
 Tract (See Census Tract and Block Numbering Area)

Tribal Designated Statistical Area (TDSA) (See American Indian and Alaska Native Area)
 Tribal Jurisdiction Statistical Area (TJSA) (See American Indian and Alaska Native Area)
 Trust Land (See American Indian and Alaska Native Area)
 United States..... 598
 Unorganized Territory (unorg.) (See County Subdivision)
 Urban and Rural..... 598
 Urbanized Area (UA)..... 600
 Village (See Place)
 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, formal, 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 (UNKNOWNNS)-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, piecerate 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 obtain 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, it 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 a 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, Ukrainian
	Greek	
	Indic	Hindi, Bengali, Gujarathi, Punjabi, Romany, Sinhalese
	Other Indo- European, not elsewhere classified	Armenian, Gaelic, Lithuanian, Persia
Languages of Asia and the Pacific	Chinese	
	Japanese	
	Mon-Khmer	Cambodian
	Tagalog	
	Korean	
	Vietnamese	
	Other languages (part)	Chamorro, Dravidian languages, Hawaiian Ilocano, Thai, Turkish
All other languages	Arabic	
	Hungarian	
	Native North American languages	
	Other languages (part)	Amharic, Syriac, Finnish, Hebrew, languages of Central and South America, Other 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 AVERAGE THRESH- OLDS	RELATED CHILDREN 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 AVERAGE THRESH- OLDS	RELATED CHILDREN 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 AVERAGE THRESH- OLDS	RELATED CHILDREN UNDER 18 YEARS
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		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 "Samoan" or persons who identified themselves as American Samoan or Western Samoan.

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	

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- /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 inmigrants; 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 preceeding 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 that "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:

$$\begin{array}{c}
 \emptyset \quad \emptyset \quad \quad \quad \emptyset \quad \emptyset \\
 \text{SE}_X \text{ and } \text{SE}_Y \text{ of estimates } X \text{ and } Y: \\
 \\
 \text{SE}_{\emptyset} \quad \emptyset = \text{SE}_{\emptyset} \quad \emptyset = (\text{square root})(\emptyset^2) + (\emptyset^2) \\
 (X + Y) \quad \quad (X - Y) \quad \quad (SE_X)^2 \quad (SE_Y)^2
 \end{array}$$

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.

$$SE \frac{\bar{X}}{\bar{Y}} = \sqrt{\left(\frac{\bar{X}}{\bar{Y}}\right)^2 \left(\frac{SE_X}{\bar{X}}\right)^2 + \left(\frac{SE_Y}{\bar{Y}}\right)^2}$$

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

$$\begin{aligned} SE(9,948) &= (\text{square root}) 5(9,948) (1 - 9,948/21,220) \\ &= 163 \text{ persons.} \end{aligned}$$

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:

$$\begin{aligned} &(9,948 - 1.645(179)) \text{ to } (9,948 + 1.645 (179)) \\ &\quad \text{or} \\ &9,654 \text{ to } 10,242 \end{aligned}$$

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:

$$9948/9314 = 1.07$$

$$\begin{aligned}
 SE(1.07) &= \left(\frac{9948}{9314} \right) (\text{sq root}) \frac{179}{2} + \frac{188}{2} \\
 & \qquad \qquad \qquad (9948) \qquad (9314) \\
 &= .029
 \end{aligned}$$

Using the results above, the 90 percent confidence interval for this ratio would be:

$$\begin{aligned}
 &(1.07-1.645(.029)) \text{ to } (1.07+1.645(.029)) \\
 &\qquad \qquad \qquad \text{or} \\
 &\qquad \qquad \qquad 1.02 \text{ to } 1.12
 \end{aligned}$$

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 radio 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 pre-census 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.

$$SE(Y) = (\text{sq root}) \frac{\emptyset}{N} \sqrt{Y(1-\frac{\emptyset}{N})}$$

N = Size of area

\emptyset

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.

$$SE(p) = \frac{\sqrt{p(100-p)}}{B}$$

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 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.2	0.9	0.5	0.4
Household type and relationship.....	1.3	1.1	0.6	0.5
Children ever born....	2.6	2.3	1.5	1.2
Work disability and mobility limitation 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 and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.3	1.1	0.6	0.5
Place of work.....	1.5	1.2	0.7	0.6
Means of transportation to work.....	1.5	1.2	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.5	1.2	0.7	0.6
Time leaving home 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 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 (persons).....	1.6	1.4	0.8	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.0	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly 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-Alabama
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.5	0.4
Household type and relationship.....	1.3	1.1	0.6	0.5
Children ever born.....	2.7	2.6	1.5	1.3
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.3	1.1	0.6	0.5
Place of work.....	1.5	1.2	0.7	0.6
Means of transportation to work.....	1.4	1.3	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy	1.4	1.3	0.7	0.6
Time leaving home to 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 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 (persons).....	1.7	1.5	0.8	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.6	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.1	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly 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-Alaska
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.6	0.5
Household type and relationship.....	1.3	1.1	0.7	0.6
Children ever born....	2.4	2.0	1.4	1.4
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.4	1.2	0.7	0.5
Place of work.....	1.5	1.2	0.8	0.5
Means of transportation to work.....	1.4	1.2	0.7	0.5
Travel time to work...	1.3	1.1	0.7	0.5

Private vehicle occupancy.....	1.4	1.2	0.7	0.6
Time leaving home to go to work.....	1.3	1.1	0.7	0.5
Type of income in 1989.....	1.4	1.2	0.6	0.5
Household income in 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 (persons).....	1.6	1.4	0.8	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.6	0.5
Armed Forces and veteran status.....	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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.3	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.0	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.1	1.0	0.6	0.5
Mortgage status and selected monthly 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-Arkansas
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.5	0.4
Household type and relationship.....	1.3	1.1	0.6	0.5
Children ever born....	2.8	2.6	1.7	1.4
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.5	0.5
Number of workers in family.....	1.3	1.1	0.6	0.5
Place of work.....	1.5	1.3	0.7	0.6
Means of transportation to work.....	1.4	1.3	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.4	1.3	0.7	0.6
Time leaving home 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 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 (persons).....	1.7	1.4	0.8	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.5	0.5
Year householder moved into structure.....	1.2	1.0	0.5	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly 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	1.2	1.0	0.5	0.5

Table C. Standard Error Design Factors-Arizona
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.2	0.9	0.6	0.5
Household type and relationship.....	1.4	1.1	0.7	0.6
Children ever born....	2.7	2.3	1.6	1.4
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.4	1.1	0.7	0.5
Place of work.....	1.6	1.2	0.8	0.5
Means of transportation to work.....	1.5	1.2	0.7	0.5
Travel time to work...	1.4	1.1	0.6	0.5

Private vehicle occupancy.....	1.5	1.2	0.8	0.5
Time leaving home to 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 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 (persons).....	1.7	1.4	0.8	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.6	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.1	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.6	0.5
Mortgage status and selected monthly 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-California
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.2	1.0	0.6	0.4
Household type and relationship.....	1.4	1.1	0.7	0.5
Children ever born....	2.6	2.3	1.4	1.1
Work disability and mobility limitation 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 and ability to speak 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 (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 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 weeks worked in 1989	1.3	1.1	0.6	0.5
Number of workers in family.....	1.4	1.1	0.6	0.5
Place of work.....	1.6	1.3	0.8	0.6
Means of transportation to work.....	1.5	1.3	0.7	0.6
Travel time to work...	1.4	1.2	0.7	0.5

Private vehicle occupancy.....	1.5	1.3	0.7	0.5
Time leaving home to 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 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 (persons).....	1.7	1.4	0.8	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.6	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.3	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.1	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.6	0.5
Mortgage status and selected monthly 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-Colorado
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.6	0.4
Household type and relationship.....	1.3	1.1	0.7	0.5
Children ever born....	2.5	2.2	1.4	1.4
Work disability and mobility limitation 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 and ability to speak English.....	1.6	1.4	0.9	0.6
Educational attainment	1.3	1.1	0.7	0.5
School enrollment.....	1.7	1.4	1.0	0.7
Type of residence (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.4	1.2	0.7	0.6
Place of work.....	1.4	1.2	0.8	0.6
Means of transportation to work.....	1.4	1.2	0.8	0.6
Travel time to work...	1.3	1.1	0.7	0.5

Private vehicle occupancy.....	1.4	1.2	0.8	0.6
Time leaving home to 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 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 (persons).....	1.6	1.3	0.8	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.6	0.5
Armed Forces and 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 householder...	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.7	0.5
Year householder moved into structure.....	1.2	1.0	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.6	0.5
Mortgage status and selected monthly owner costs.....	1.1	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-Connecticut
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.2	0.9	0.5	0.5
Household type and relationship.....	1.3	1.0	0.5	0.5
Children ever born....	2.5	2.1	1.2	1.0
Work disability and mobility limitation 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 and ability 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	1.4	0.8	0.7
Type of residence (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 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 weeks worked in 1989	1.2	1.0	0.5	0.5
Number of workers in family.....	1.4	1.1	0.6	0.6
Place of work.....	1.5	1.3	0.6	0.6
Means of transportation to work.....	1.5	1.3	0.7	0.6
Travel time to work...	1.4	1.1	0.6	0.5

Private vehicle occupancy.....	1.5	1.3	0.7	0.6
Time leaving home 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 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 (persons).....	1.6	1.3	0.7	0.6
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.3	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.1	0.5	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly 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-Delaware
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.2	0.9	0.5	0.4
Household type and relationship.....	1.3	1.0	0.6	0.5
Children ever born....	2.5	2.2	1.4	1.1
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.3	1.1	0.6	0.6
Place of work.....	1.5	1.3	0.8	0.6
Means of transportation to work.....	1.5	1.3	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.5	1.3	0.7	0.6
Time leaving home 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 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 (persons).....	1.6	1.3	0.7	0.6
Poverty status in 1989 (families).....	1.2	1.0	0.6	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.2	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.0	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.1	1.0	0.5	0.5
Mortgage status and selected monthly owner costs.....	1.1	1.0	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	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 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.4	1.1	0.7	0.6
Household type and relationship.....	1.4	1.2	0.7	0.6
Children ever born....	2.7	2.1	1.3	1.1
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.3	1.1	0.7	0.5
Number of workers in family.....	1.4	1.3	0.7	0.6
Place of work.....	1.7	1.4	0.8	0.7
Means of transportation to work.....	1.4	1.2	0.7	0.6
Travel time to work...	1.4	1.1	0.7	0.6

Private vehicle occupancy.....	1.4	1.3	0.7	0.6
Time leaving home to 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 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 (persons).....	1.7	1.3	0.8	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.6	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.3	1.0	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.3	1.1	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.1	0.6	0.5
Mortgage status and selected monthly owner costs.....	1.2	1.0	0.6	0.5

Gross rent as a percentage of household income in 1989.....	1.3	1.1	0.7	0.5
Household income in 1989 by selected monthly owner costs as a 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 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.2	1.0	0.5	0.5
Household type and relationship.....	1.3	1.1	0.6	0.5
Children ever born....	2.8	2.4	1.5	1.5
Work disability and mobility limitation 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 and ability to speak English.....	1.7	1.4	0.8	0.7
Educational attainment	1.4	1.1	0.6	0.5
School enrollment.....	1.9	1.6	1.0	0.7
Type of residence (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 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 weeks worked in 1989	1.3	1.0	0.6	0.5
Number of workers in family.....	1.4	1.2	0.6	0.6
Place of work.....	1.6	1.3	0.7	0.6
Means of transportation to work.....	1.5	1.3	0.7	0.6
Travel time to work...	1.4	1.2	0.6	0.5

Private vehicle occupancy.....	1.5	1.3	0.7	0.6
Time leaving home to 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 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 (persons).....	1.7	1.4	0.8	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.6	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 housing unit.....	1.3	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.3	1.1	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly 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-Georgia
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.2	1.0	0.5	0.5
Household type and relationship.....	1.3	1.1	0.6	0.5
Children ever born....	2.6	2.4	1.5	1.4
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.4	1.2	0.6	0.6
Place of work.....	1.5	1.3	0.7	0.6
Means of transportation to work.....	1.5	1.3	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.5	1.3	0.7	0.6
Time leaving home to 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 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 (persons).....	1.7	1.4	0.8	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.5	0.5
Year householder moved into structure.....	1.2	1.1	0.5	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly 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 for Design Factors-Hawaii
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	1.0	0.6	0.5
Household type and relationship.....	1.3	1.1	0.6	0.5
Children ever born....	2.7	2.5	1.3	1.1
Work disability and mobility limitation 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 and ability to speak 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 (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 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 weeks worked in 1989	1.2	1.1	0.6	0.5
Number of workers in family.....	1.3	1.1	0.6	0.5
Place of work.....	1.6	1.4	0.8	0.7
Means of transportation to work.....	1.4	1.3	0.7	0.6
Travel time to work...	1.3	1.2	0.7	0.6

Private vehicle occupancy.....	1.4	1.3	0.7	0.6
Time leaving home to 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 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 (persons).....	1.6	1.4	0.8	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.6	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.3	1.1	0.6	0.5
Vehicles available....	1.2	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.1	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.1	0.6	0.5
Mortgage status and selected monthly owner costs.....	1.2	1.0	0.6	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	1.2	1.1	0.6	0.5

Table C. Standard Error Design Factors-Idaho
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.0	0.9	0.6	0.4
Household type and relationship.....	1.3	1.1	0.7	0.5
Children ever born....	2.5	2.3	1.6	1.2
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.1	1.0	0.6	0.5
Number of workers in family.....	1.3	1.1	0.7	0.5
Place of work.....	1.4	1.2	0.8	0.6
Means of transportation to work.....	1.4	1.2	0.7	0.6
Travel time to work...	1.3	1.1	0.7	0.5

Private vehicle occupancy.....	1.4	1.2	0.7	0.6
Time leaving home to 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 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 (persons).....	1.6	1.4	0.9	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.6	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.7	0.5
Year householder moved into structure.....	1.2	1.0	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.1	1.0	0.6	0.5
Mortgage status and selected monthly 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 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.2	0.9	0.5	0.4
Household type and relationship.....	1.3	1.1	0.6	0.5
Children ever born....	2.6	2.3	1.3	1.2
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.5	0.5
Number of workers in family.....	1.4	1.1	0.6	0.5
Place of work.....	1.5	1.3	0.6	0.6
Means of transportation to work.....	1.5	1.2	0.6	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.5	1.3	0.6	0.6
Time leaving home 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 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 (persons).....	1.7	1.4	0.7	0.6
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.3	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure	1.2	1.0	0.5	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly 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 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.5	0.4
Household type and relationship.....	1.3	1.0	0.5	0.5
Children ever born....	2.6	2.3	1.3	1.1
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.5	0.5
Number of workers in family.....	1.3	1.1	0.6	0.5
Place of work.....	1.4	1.2	0.6	0.6
Means of transportation to work.....	1.4	1.2	0.6	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.4	1.2	0.6	0.6
Time leaving home to 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 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 (persons).....	1.6	1.4	0.7	0.6
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.2	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.0	0.5	0.5
Mortgage status and monthly mortgage costs.....	1.1	1.0	0.5	0.5
Mortgage status and selected monthly owner costs.....	1.1	1.0	0.5	0.5

Gross rent as a percentage of household income in 1989.....	1.2	1.1	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-Iowa
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.5	0.4
Household type and relationship.....	1.2	1.0	0.6	0.5
Children ever born....	2.6	2.4	1.5	1.4
Work disability and 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.5	0.5
Number of workers in family.....	1.3	1.1	0.6	0.5
Place of work.....	1.5	1.2	0.6	0.6
Means of transportation to work.....	1.4	1.2	0.6	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.4	1.2	0.6	0.6
Time leaving home 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 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 (persons).....	1.6	1.4	0.7	0.6
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.5	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.0	0.5	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly 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.....	1.2	1.0	0.5	0.5

Table C. Standard for Design Factors-Kansas
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.6	0.5
Household type and relationship.....	1.2	1.1	0.6	0.5
Children ever born....	2.5	2.3	1.7	1.3
Work disability and mobility limitation 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 and ability to speak 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.3	1.2	0.7	0.5
Place of work.....	1.4	1.3	0.7	0.6
Means of transportation to work.....	1.4	1.2	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.4	1.3	0.7	0.6
Time leaving home to 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 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 (persons).....	1.6	1.4	0.8	0.6
Poverty status in 1989 (families).....	1.2	1.0	0.6	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.0	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.1	1.0	0.5	0.5
Mortgage status and selected monthly owner costs.....	1.1	1.0	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	1.0	0.5	0.5

Table C. Standard Error Design Factors-Kentucky
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.5	0.4
Household type and relationship.....	1.2	1.0	0.6	0.5
Children ever born....	2.8	2.4	1.5	1.2
Work disability and mobility limitation 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 and ability to speak English.....	1.6	1.4	0.8	0.6
Educational attainment	1.3	1.1	0.6	0.5
School enrollment.....	1.7	1.5	0.8	0.7
Type of residence (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.3	1.1	0.6	0.5
Place of work.....	1.4	1.2	0.7	0.6
Means of transportation to work.....	1.4	1.2	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.4	1.2	0.7	0.6
Time leaving home to 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 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 (persons).....	1.6	1.4	0.8	0.6
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.2	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.0	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.1	1.0	0.5	0.5
Mortgage status and selected monthly owner costs.....	1.1	1.0	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	1.0	0.5	0.5

Table C. Standard Error Design Factors-Louisiana
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	1.0	0.5	0.5
Household type and relationship.....	1.3	1.1	0.6	0.5
Children ever born....	2.8	2.6	1.5	1.4
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.5	0.5
Number of workers in family.....	1.3	1.1	0.6	0.5
Place of work.....	1.4	1.2	0.6	0.5
Means of transportation to work.....	1.4	1.2	0.6	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.4	1.2	0.6	0.6
Time leaving home 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 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 (persons).....	1.7	1.5	0.8	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.2	1.1	0.5	0.5
Year householder moved into structure.....	1.2	1.1	0.5	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly 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 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.5	0.4
Household type and relationship.....	1.2	1.1	0.6	0.5
Children ever born....	2.6	2.3	1.3	1.2
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.3	1.1	0.6	0.5
Place of work.....	1.4	1.2	0.7	0.6
Means of transportation to work.....	1.5	1.3	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.5	1.3	0.7	0.6
Time leaving home to 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 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 (persons).....	1.5	1.3	0.8	0.6
Poverty status in 1989 (families).....	1.2	1.0	0.6	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.0	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly 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 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.2	0.9	0.6	0.4
Household type and relationship.....	1.3	1.0	0.6	0.5
Children ever born....	2.5	2.2	1.4	1.1
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.4	1.1	0.6	0.5
Place of work.....	1.5	1.3	0.8	0.6
Means of transportation to work.....	1.4	1.3	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.4	1.3	0.7	0.6
Time leaving home to 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 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 (persons).....	1.6	1.3	0.7	0.6
Poverty status in 1989 (families).....	1.2	1.0	0.6	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.2	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.1	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.6	0.5
Mortgage status and selected monthly 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 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.2	0.9	0.5	0.4
Household type and relationship.....	1.3	1.1	0.6	0.5
Children ever born....	2.6	2.3	1.1	1.0
Work disability and 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 home and ability 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 (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 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 weeks worked in 1989	1.2	1.0	0.5	0.5
Number of workers in family.....	1.3	1.1	0.6	0.5
Place of work.....	1.5	1.3	0.7	0.6
Means of transportation to work.....	1.5	1.3	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.5	1.3	0.7	0.6
Time leaving home 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 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 (persons).....	1.6	1.3	0.7	0.6
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.3	1.1	0.5	0.5
Vehicles available....	1.3	1.2	0.6	0.5
Year householder moved into structure.....	1.2	1.1	0.5	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly 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-Michigan
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.2	0.9	0.5	0.4
Household type and relationship.....	1.3	1.0	0.6	0.5
Children ever born....	2.6	2.3	1.6	1.2
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.3	1.1	0.6	0.5
Place of work.....	1.4	1.2	0.7	0.6
Means of transportation to work.....	1.4	1.2	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.4	1.3	0.7	0.6
Time leaving home 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 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 (persons).....	1.6	1.4	0.8	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.6	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.2	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.0	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.1	1.0	0.6	0.5
Mortgage status and selected monthly owner costs.....	1.1	1.0	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	1.0	0.5	0.5

Table C. Standard Error Design Factors-Minnesota
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.5	0.4
Household type and relationship.....	1.3	1.0	0.6	0.5
Children ever born....	2.5	2.2	1.5	1.3
Work disability and 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 home and ability 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 (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 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 weeks worked in 1989	1.2	1.0	0.5	0.5
Number of workers in family.....	1.4	1.1	0.6	0.5
Place of work.....	1.4	1.2	0.7	0.6
Means of transportation to work.....	1.4	1.2	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.5	1.2	0.7	0.6
Time leaving home 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 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 (persons).....	1.6	1.3	0.7	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.1	1.0	0.6	0.5
Vehicles available....	1.2	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.0	0.5	0.5
Mortgage status and monthly mortgage costs.....	1.1	1.0	0.5	0.5
Mortgage status and selected monthly owner costs.	1.1	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-Mississippi
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	1.0	0.6	0.5
Household type and relationship.....	1.3	1.2	0.7	0.5
Children ever born....	3.0	2.9	1.8	1.5
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.3	1.2	0.6	0.5
Place of work.....	1.5	1.3	0.7	0.6
Means of transportation to work.....	1.4	1.3	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.4	1.3	0.7	0.6
Time leaving home to 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 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 (persons).....	1.8	1.5	0.8	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.3	1.1	0.5	0.5
Vehicles available....	1.3	1.1	0.5	0.5
Year householder moved into structure.....	1.2	1.1	0.5	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly 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-Missouri
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.5	0.4
Household type and relationship.....	1.3	1.1	0.6	0.5
Children ever born....	2.6	2.4	1.4	1.3
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.5	0.5
Number of workers in family.....	1.3	1.1	0.6	0.5
Place of work.....	1.5	1.3	0.7	0.6
Means of transportation to work.....	1.5	1.2	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.5	1.2	0.7	0.6
Time leaving home 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 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 (persons).....	1.6	1.4	0.7	0.6
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.5	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.0	0.5	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly 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.....	1.2	1.0	0.5	0.5

Table C. Standard for Design Factors-Montana
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.6	0.5
Household type and relationship.....	1.2	1.1	0.7	0.5
Children ever born....	2.6	2.4	1.7	1.4
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.3	1.1	0.7	0.5
Place of work.....	1.5	1.2	0.8	0.6
Means of transportation to work.....	1.4	1.2	0.7	0.6
Travel time to work...	1.3	1.1	0.7	0.5

Private vehicle occupancy.....	1.4	1.2	0.7	0.5
Time leaving home to 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 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 (persons).....	1.6	1.4	0.8	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.6	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.0	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.1	1.0	0.6	0.5
Mortgage status and selected monthly 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 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.6	0.4
Household type and relationship.....	1.2	1.1	0.7	0.5
Children ever born....	2.5	2.3	1.8	1.4
Work disability and mobility limitation 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 and ability to speak 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.3	1.1	0.7	0.5
Place of work.....	1.5	1.2	0.8	0.6
Means of transportation to work.....	1.4	1.2	0.7	0.6
Travel time to work...	1.3	1.1	0.7	0.5

Private vehicle occupancy.....	1.4	1.2	0.7	0.6
Time leaving home to 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 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 (persons).....	1.6	1.4	0.8	0.6
Poverty status in 1989 (families).....	1.2	1.0	0.6	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.0	0.6	0.5
Vehicles available....	1.3	1.1	0.7	0.5
Year householder moved into structure.....	1.2	1.0	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly owner costs.....	1.2	1.0	0.5	0.5

Gross rent as a percentage of household income in 1989.....	1.2	1.0	0.6	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-Nevada
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.2	0.9	0.5	0.5
Household type and relationship.....	1.3	1.1	0.6	0.6
Children ever born....	2.6	2.2	1.3	1.3
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.3	1.0	0.6	0.5
Number of workers in family.....	1.4	1.2	0.6	0.6
Place of work.....	1.6	1.2	0.7	0.6
Means of transportation to work.....	1.5	1.2	0.7	0.6
Travel time to work...	1.4	1.1	0.6	0.5

Private vehicle occupancy.....	1.5	1.2	0.7	0.6
Time leaving home to 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 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 (persons).....	1.6	1.4	0.7	0.6
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.0	0.5	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.0	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly 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	0.5	0.5

Table C. Standard Error Design Factors-New Hampshire
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.5	0.5
Household type and relationship.....	1.2	1.1	0.6	0.5
Children ever born....	2.5	2.2	1.3	1.2
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.5	0.5
Number of workers in family.....	1.4	1.2	0.6	0.6
Place of work.....	1.4	1.2	0.7	0.6
Means of transportation to work.....	1.5	1.3	0.7	0.6

Travel time to work.....	1.3	1.1	0.6	0.5
Private vehicle occupancy.....	1.5	1.3	0.7	0.6
Time leaving home to 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 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 (persons).....	1.5	1.3	0.7	0.6
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.0	0.5	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5

Mortgage status and selected monthly owner costs.....	1.2	1.0	0.5	0.5
Gross rent as a percentage of household income in 1989.....	1.2	1.1	0.5	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-New Jersey
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.2	0.9	0.5	0.4
Household type and relationship.....	1.3	1.0	0.6	0.5
Children ever born....	2.5	2.1	1.3	1.0
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.5	0.5
Number of workers in family.....	1.3	1.1	0.6	0.5
Place of work.....	1.5	1.3	0.7	0.6
Means of transportation to work.....	1.5	1.3	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.5	1.3	0.7	0.6
Time leaving home 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 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 (persons).....	1.6	1.3	0.7	0.6
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.3	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.1	0.5	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly 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 costs as a percentage of 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 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.6	0.5
Household type and relationship.....	1.3	1.1	0.7	0.6
Children ever born....	2.9	2.5	1.7	1.4
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.4	1.2	0.7	0.6
Place of work.....	1.5	1.3	0.7	0.6
Means of transportation to work.....	1.4	1.2	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.6

Private vehicle occupancy.....	1.4	1.2	0.7	0.6
Time leaving home to 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 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 (persons).....	1.7	1.4	0.8	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.6	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.0	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.6	0.5
Mortgage status and selected monthly owner costs.....	1.2	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 as a 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 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.2	0.9	0.5	0.4
Household type and relationship.....	1.4	1.1	0.6	0.5
Children ever born....	2.6	2.2	1.3	1.1
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.3	1.0	0.6	0.5
Number of workers in family.....	1.4	1.1	0.6	0.5
Place of work.....	1.5	1.2	0.7	0.6
Means of transportation to work.....	1.5	1.3	0.7	0.6
Travel time to work...	1.4	1.1	0.6	0.5

Private vehicle occupancy.....	1.5	1.3	0.7	0.6
Time leaving home to 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 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 (persons).....	1.7	1.3	0.8	0.7
Poverty status in 1989 (families).....	1.3	1.0	0.5	0.5
Armed Forces and veteran 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.3	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.3	1.1	0.5	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly 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 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	1.0	0.5	0.5
Household type and relationship.....	1.2	1.1	0.6	0.5
Children ever born....	2.6	2.5	1.6	1.3
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.3	1.2	0.6	0.5
Place of work.....	1.5	1.3	0.7	0.6
Means of transportation to work.....	1.5	1.3	0.7	0.6
Travel time to work...	1.3	1.2	0.6	0.5

Private vehicle occupancy.....	1.5	1.3	0.7	0.6
Time leaving home 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 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 (persons).....	1.6	1.4	0.7	0.6
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.1	0.5	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly 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.....	1.2	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 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.6	0.5
Household type and relationship.....	1.2	1.1	0.8	0.5
Children ever born....	2.6	2.5	2.1	1.4
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.4	1.1	0.8	0.5
Place of work.....	1.5	1.2	0.9	0.6
Means of transportation to work.....	1.4	1.1	0.8	0.5
Travel time to work...	1.3	1.1	0.7	0.5

Private vehicle occupancy.....	1.5	1.1	0.8	0.6
Time leaving home to 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 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 (persons).....	1.5	1.3	0.9	0.6
Poverty status in 1989 (families).....	1.2	0.9	0.6	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.0	0.7	0.5
Vehicles available....	1.3	1.1	0.7	0.5
Year householder moved into structure.....	1.2	1.0	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.6	0.5
Mortgage status and selected monthly 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 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.5	0.4
Household type and relationship.....	1.2	1.0	0.5	0.5
Children ever born....	2.6	2.3	1.3	1.1
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.5	0.5
Number of workers in family.....	1.3	1.1	0.6	0.5
Place of work.....	1.4	1.2	0.6	0.6
Means of transportation to work.....	1.4	1.2	0.6	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.4	1.2	0.6	0.6
Time leaving home to 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 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 (persons).....	1.6	1.4	0.7	0.6
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.5	0.5
Vehicles available....	1.2	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.0	0.5	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly owner costs.....	1.1	1.0	0.5	0.5

Gross rent as a percentage of household income in 1989.....	1.2	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 for Design Factors-Oklahoma
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.5	0.4
Household type and relationship.....	1.2	1.1	0.6	0.5
Children ever born....	2.5	2.4	1.6	1.3
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.5	0.5
Number of workers in family.....	1.3	1.2	0.6	0.5
Place of work.....	1.5	1.3	0.7	0.6
Means of transportation to work.....	1.4	1.3	0.7	0.6

Travel time to work...	1.3	1.1	0.6	0.5
Private vehicle occupancy.....	1.4	1.3	0.7	0.6
Time leaving home 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 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 (persons).....	1.6	1.4	0.8	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.0	0.5	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly 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 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.5	0.4
Household type and relationship.....	1.2	1.1	0.6	0.5
Children ever born....	2.5	2.2	1.4	1.1
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.3	1.1	0.6	0.5
Place of work.....	1.5	1.2	0.7	0.6
Means of transportation to work.....	1.4	1.2	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.4	1.2	0.7	0.6
Time leaving home 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 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 (persons).....	1.6	1.4	0.8	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.6	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.1	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.6	0.5
Mortgage status and selected monthly owner costs.....	1.2	1.0	0.6	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.....	1.2	1.0	0.6	0.5

Table C. Standard Error Design Factors-Pennsylvania
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.2	0.9	0.5	0.4
Household type and relationship.....	1.3	1.0	0.6	0.5
Children ever born....	2.6	2.3	1.3	1.1
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.5	0.5
Number of workers in family.....	1.3	1.1	0.6	0.5
Place of work.....	1.5	1.2	0.7	0.6
Means of transportation to work.....	1.4	1.2	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.4	1.3	0.7	0.6
Time leaving home 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 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 (persons).....	1.6	1.4	0.8	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.1	0.5	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly 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 for Design Factors-Rhode Island
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.2	0.9	0.6	0.5
Household type and relationship.....	1.3	1.0	0.6	0.5
Children ever born....	2.6	2.2	0.6	0.5
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.3	1.2	0.6	0.5
Place of work.....	1.5	1.2	0.6	0.5
Means of transportation to work.....	1.5	1.3	0.6	0.5
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.5	1.3	0.6	0.5
Time leaving home 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 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 (persons).....	1.6	1.3	0.6	0.5
Poverty status in 1989 (families).....	1.2	1.1	0.6	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.3	1.1	0.6	0.5
Vehicles available....	1.4	1.2	0.6	0.5
Year householder moved into structure.....	1.2	1.1	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.6	0.5
Mortgage status and selected monthly 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-South Carolina
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	1.0	0.5	0.5
Household type and relationship.....	1.3	1.1	0.6	0.5
Children ever born....	2.7	2.5	1.4	1.4
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.5	0.5
Number of workers in family.....	1.3	1.1	0.6	0.5
Place of work.....	1.5	1.3	0.7	0.6
Means of transportation to work.....	1.5	1.3	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.5	1.3	0.7	0.6
Time leaving home to 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 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 (persons).....	1.7	1.5	0.8	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.3	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.5	0.5
Year householder moved into structure.....	1.2	1.1	0.5	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly 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 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.6	0.5
Household type and relationship.....	1.3	1.1	0.7	0.5
Children ever born....	2.7	2.4	1.8	1.6
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	0.9	0.6	0.5
Number of workers in family.....	1.4	1.1	0.7	0.5
Place of work.....	1.5	1.2	0.8	0.6
Means of transportation to work.....	1.5	1.2	0.8	0.6
Travel time to work...	1.3	1.1	0.7	0.5

Private vehicle occupancy.....	1.5	1.2	0.8	0.6
Time leaving home to 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 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 (persons).....	1.6	1.4	0.9	0.6
Poverty status in 1989 (families).....	1.2	0.9	0.6	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.0	0.7	0.5
Vehicles available....	1.3	1.1	0.7	0.5
Year householder moved into structure.....	1.2	1.0	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.1	0.9	0.6	0.5
Mortgage status and selected monthly owner costs.....	1.1	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-Tennessee
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.5	0.4
Household type and relationship.....	1.2	1.0	0.6	0.5
Children ever born....	2.6	2.4	1.5	1.3
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.3	1.1	0.6	0.5
Place of work.....	1.5	1.3	0.7	0.6
Means of transportation to work.....	1.5	1.3	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.5	1.3	0.7	0.6
Time leaving home to 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 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 (persons).....	1.6	1.4	0.7	0.6
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.0	0.5	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly 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 for Design Factors-Texas
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.2	1.0	0.5	0.4
Household type and relationship.....	1.3	1.1	0.6	0.5
Children ever born....	2.6	2.4	1.5	1.3
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.4	1.2	0.6	0.5
Place of work.....	1.5	1.3	0.7	0.6
Means of transportation to work.....	1.5	1.2	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.5	1.2	0.7	0.6
Time leaving home 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 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 (persons).....	1.8	1.5	0.8	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.1	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly 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 for Design Factors-Utah
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.6	0.4
Household type and relationship.....	1.4	1.2	0.8	0.6
Children ever born....	2.7	2.4	1.7	1.3
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.3	1.1	0.7	0.5
Place of work.....	1.4	1.2	0.8	0.6
Means of transportation to work.....	1.4	1.2	0.8	0.6
Travel time to work...	1.3	1.1	0.7	0.5

Private vehicle occupancy.....	1.4	1.2	0.7	0.6
Time leaving home to 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 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 (persons).....	1.7	1.5	0.9	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.6	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.0	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.6	0.5
Mortgage status and selected monthly owner costs.....	1.2	1.0	0.6	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	0.6	0.5

Table C. Standard Error Design Factors-Vermont
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.6	0.5
Household type and relationship.....	1.2	1.0	0.6	0.5
Children ever born....	2.5	2.2	1.3	1.2
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.1	1.0	0.6	0.5
Number of workers in family.....	1.3	1.1	0.7	0.6
Place of work.....	1.4	1.2	0.8	0.6
Means of transportation to work.....	1.4	1.2	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.4	1.2	0.7	0.6
Time leaving home to 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 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 (persons).....	1.5	1.2	0.7	0.7
Poverty status in 1989 (families).....	1.1	0.9	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.0	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.0	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.1	0.9	0.6	0.5
Mortgage status and selected monthly 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 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.6	0.4
Household type and relationship.....	1.2	1.0	0.6	0.5
Children ever born....	2.5	2.3	1.4	1.3
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.4	1.2	0.6	0.5
Place of work.....	1.5	1.3	0.7	0.6
Means of transportation to work.....	1.4	1.2	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.4	1.2	0.7	0.6
Time leaving home 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 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 (persons).....	1.6	1.4	0.7	0.6
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.0	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.6	0.5
Mortgage status and selected monthly 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.....	1.2	1.0	0.5	0.5

Table C. Standard Error Design Factors-Washington
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.5	0.4
Household type and relationship.....	1.2	1.1	0.6	0.5
Children ever born....	2.5	2.2	1.3	1.2
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.3	1.1	0.6	0.5
Place of work.....	1.4	1.2	0.7	0.6
Means of transportation to work.....	1.4	1.2	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.4	1.2	0.7	0.6
Time leaving home 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 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 (persons).....	1.6	1.3	0.8	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.6	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.0	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.6	0.5
Mortgage status and selected monthly 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-West Virginia
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	0.9	0.6	0.4
Household type and relationship.....	1.2	1.0	0.6	0.5
Children ever born....	2.8	2.6	1.7	1.3
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.5
Number of workers in family.....	1.3	1.1	0.6	0.5
Place of work.....	1.4	1.2	0.7	0.6
Means of transportation to work.....	1.4	1.2	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.4	1.2	0.7	0.6
Time leaving home to 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 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 (persons).....	1.6	1.4	0.8	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.6	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 units.....	1.2	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.0	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.5	0.5
Mortgage status and selected monthly owner costs.....	1.2	1.0	0.5	0.5

Gross rent as a percentage of household income in 1989.....	1.2	1.0	0.6	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-Wisconsin
(Percent of persons or housing units in sample)

Characteristic	Less than 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.2	0.9	0.5	0.4
Household type and relationship.....	1.3	1.0	0.6	0.5
Children ever born....	2.6	2.3	1.5	1.3
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.5	0.5
Number of workers in family.....	1.3	1.1	0.6	0.5
Place of work.....	1.5	1.2	0.7	0.6
Means of transportation to work.....	1.4	1.2	0.7	0.6
Travel time to work...	1.3	1.1	0.6	0.5

Private vehicle occupancy.....	1.4	1.2	0.7	0.6
Time leaving home 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 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 (persons).....	1.6	1.3	0.7	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.5	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.2	1.0	0.5	0.5
Vehicles available....	1.2	1.1	0.5	0.5
Year householder moved into structure.....	1.2	1.0	0.5	0.5
Mortgage status and monthly mortgage cost	1.2	1.0	0.5	0.5
Mortgage status and selected monthly 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 15 percent	15 to 30 percent	30 to 45 percent	45 percent 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 any race).....	1.2	1.0	0.6	0.5
Marital status.....	1.1	1.0	0.6	0.4
Household type and relationship.....	1.3	1.1	0.7	0.5
Children ever born....	2.6	2.3	1.5	1.2
Work disability and mobility limitation 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 home and ability to 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 (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 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 weeks worked in 1989	1.2	1.0	0.6	0.4
Number of workers in family.....	1.4	1.2	0.7	0.5
Place of work.....	1.5	1.3	0.8	0.5
Means of transportation to work.....	1.4	1.2	0.7	0.5
Travel time to work...	1.3	1.1	0.7	0.5

Private vehicle occupancy.....	1.4	1.2	0.7	0.5
Time leaving home to 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 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 (persons).....	1.6	1.4	0.8	0.7
Poverty status in 1989 (families).....	1.2	1.0	0.6	0.5
Armed Forces and 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 householder.....	1.2	1.0	0.6	0.5
Type of residence (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 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, 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 unit.....	1.3	1.1	0.6	0.5
Vehicles available....	1.3	1.1	0.6	0.5
Year householder moved into structure.....	1.2	1.0	0.6	0.5
Mortgage status and monthly mortgage costs.....	1.2	1.0	0.6	0.5
Mortgage status and selected monthly owner costs.....	1.2	1.0	0.6	0.5

Gross rent as a percentage of household income in 1989.....	1.3	1.0	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

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APPENDIX D.
Collection and Processing Procedures

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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 FOLOWUP-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.
Facsimilies of Respondent Instructions and
Questionnaire Pages

Appendix E. not available in machine-readable format.

APPENDIX F.
Data Products and User Assistance

CONTENTS

Data Products..... 897
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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 underneath 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

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:	Year moved into residence
Education-enrollment and attainment	Number of bedrooms
Place of birth, citizenship, and year of entry into U.S.	Plumbing and kitchen facilities
Ancestry	Telephone in unit
Language spoken at home	Vehicles available
Migration (residence in 1985)	Heating fuel
Disability	Source of water and method of sewage disposal
Fertility	Year structure built
Veteran status	Condominium status
	Farm residence
	Shelter costs, including 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 DESCRIPTION	REPORT(S) ISSUED FOR GEOGRAPHIC AREAS
1990 CENSUS OF POPULATION AND HOUSING (1990 CPH)		
100-PERCENT DATA		
1990 CPH-1	SUMMARY POPULATION AND HOUSING CHARACTERISTICS Population and housing unit counts, and summary statistics on age, sex, race, Hispanic origin, household relationship, units in structure, value and rent, number of rooms, tenure, and vacancy characteristics	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands Local governmental units (i.e., counties, places, and towns and townships), other county subdivisions, and American Indian and Alaska Native areas
1990 CPH-2	POPULATION AND HOUSING UNIT COUNTS Total population and housing unit counts for 1990 and previous censuses	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands States, counties, county sub- divisions, places, State com- ponent parts of metropolitan areas (MA's) and urbanized areas (UA's), and summary geographic areas (for example, urban and rural)
100-PERCENT AND SAMPLE DATA		
1990 CPH-3	POPULATION AND HOUSING CHARACTERISTICS FOR CENSUS TRACTS AND BLOCK NUMBERING AREAS Statistics on 100-percent and sample population and housing subjects	MA's, and the nonmetropolitan balance of each State, Puerto Rico, and U.S. Virgin Islands In MA's: census tracts/block numbering areas (BNA's), places of 10,000 or more inhabitants, and counties. In the remainder of each State: census tracts/BNA'S, places of 10,000 or more, and

counties

1990 CPH-4	POPULATION AND HOUSING CHARACTERISTICS FOR CONGRESSIONAL DISTRICTS OF THE 103RD CONGRESS	States and DC
	Statistics on 100-percent and sample population and housing subjects	Congressional districts (CD's) and, within CD's, counties, places of 10,000 or more inhabitants, county subdivisions of 10,000 or more inhabitants in selected States, and American Indian Sample Data and Alaska Native areas

SAMPLE DATA

1990 CPH-5	SUMMARY SOCIAL, ECONOMIC, AND HOUSING CHARACTERISTICS	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands
	Statistics generally on sample population and housing subjects	Local governmental units (i.e., counties, places, and towns and townships), other county subdivisions, and American Indian and Alaska Native areas

1990 CENSUS OF POPULATION (1990 CP)

100-Percent Data

1990 CP-1	GENERAL POPULATION CHARACTERISTICS	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands
	Detailed statistics on age, sex, race, Hispanic origin, marital status, and house- hold relationship charact- eristics	States, counties, places of 1,000 or more inhabitants, county subdivisions of 1,000 or more inhabitants in selected States, State parts of American Indian areas, Alaska Native areas, and summary geographic areas such as urban and rural

1990 CP-1-1A	GENERAL POPULATION CHARACTERISTICS FOR AMERICAN INDIAN AND ALASKA NATIVE AREAS	U.S.
	Detailed statistics on age, sex, race, Hispanic origin, marital status, and household relationship characteristics	American Indian and Alaska Native areas; i.e., American Indian reservations, off- reservation trust lands, tribal jurisdiction statistical areas (Oklahoma), tribal designated statistical areas, Alaska Native village statistical areas, and Alaska Native Regional Corporations
1990 CP-1-1B	GENERAL POPULATION CHARACTERISTICS FOR METROPOLITAN AREAS	U.S.
	Detailed statistics on age, sex, race Hispanic origin, marital status, and household relationship characteristics	Individual MA's. For MA's split by State boundaries summaries are provided both for the parts and for the whole MA
1990 CP-1-1C	GENERAL POPULATION CHARACTERISTICS FOR URBANIZED AREAS	U.S.
	Detailed statistics on age, sex, race, Hispanic origin, marital status, and household relationship characteristics	Individual UA's. For UA's split by State boundaries, summaries are provided both for the parts and for the whole UA

SAMPLE DATA

1990 CP-2	SOCIAL AND ECONOMIC CHARACTERISTICS	U.S., States, DC, Puerto Rico and U.S. Virgin Islands
	Statistics generally on sample population subjects	States (including summaries such as urban and rural), counties, places of 2,500 or more inhabitants, county sub- divisions of 2,500 or more inhabitants in selected States, Alaska Native areas, and the State portion of American Indian areas

1990 CP-2-1A	SOCIAL AND ECONOMIC CHARACTERISTICS OF AMERICAN INDIAN AND ALASKA NATIVE AREAS	U.S.
	Statistics generally on sample population subjects	American Indian and Alaska Native areas, as for CP-1-1A
1990 CP-2-1B	SOCIAL AND ECONOMIC CHARACTERISTICS FOR METRO- POLITAN AREAS	U.S.
	Statistics generally on sample population subjects	Individual MA's, as for CP-1-1B
1990 CP-2-1C	SOCIAL AND ECONOMIC CHARACTERISTICS FOR URBAN- IZED AREAS	U.S.
	Statistics generally on sample population subjects	Individual UA's, as for CP-1-1C
1990 CP-3	POPULATION SUBJECT REPORTS	Selected subjects
	Approximately 30 reports on population census subjects such as migration, educa- tion, income, the older population, and racial and ethnic groups	Generally limited to the U.S., regions, and divisions; for some reports, other highly pop- ulated areas such as States, MA's, counties, and large places

1990 CENSUS OF HOUSING (1990 CH)

100-PERCENT DATA

1990 CH-1	GENERAL HOUSING CHARACTERISTICS	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands
	Detailed statistics on units in structure, value and rent, number of rooms, tenure, and vacancy charac- teristics	States, counties, places of 1,000 or more inhabitants, county subdivisions of 1,000 or more inhabitants in selected States, State parts of American Indian areas, Alaska Native areas, and summary geographic areas such as urban and rural

1990 CH-1-1A	GENERAL HOUSING CHARACTERISTICS FOR AMERICAN INDIAN AND ALASKA NATIVE AREAS	U.S.
	Detailed statistics on units in structure, value and rent, number of rooms, tenure, and vacancy charac- teristics	American Indian and Alaska Native areas; i.e., American Indian reservations, trust lands, tribal jurisdiction statistical areas (Oklahoma), tribal designated statistical areas, Alaska Native village Statistical areas, and Alaska Native Regional Corporations
1990 CH-1-1B	GENERAL HOUSING CHARACTERISTICS FOR METRO- POLITAN AREAS	U.S.
	Detailed statistics on units in structure, value and rent, number of rooms, tenure, and vacancy charac- teristics	Individual MA's. For MA's split by State boundaries, summaries are provided both for the parts and for the whole MA
1990 CH-1-1C	GENERAL HOUSING CHARACTERISTICS FOR URBAN- IZED AREAS	U.S.
	Detailed statistics on units in structure, value and rent, number of rooms, tenure, and vacancy charac- teristics	Individual UA's. For UA's split by State boundaries, summaries are provided both for the parts and for the whole UA

SAMPLE DATA

1990 CH-2	DETAILED HOUSING CHARACTERISTICS	U.S., States, DC, Puerto Rico, and U.S. Virgin Islands
	Statistics generally on sample housing subjects	States (including summaries such as urban and rural), counties, places or 2,500 or more inhabitants, county subdivisions or 2,500, or more inhabitants in selected States, Alaska Native areas, and State parts of American Indian areas

1990 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 CH-1-1A
1990 CH-2-1B	DETAILED HOUSING CHARACTERISTICS FOR METROPOLITAN AREAS	U.S.
	Statistics generally on sample housing subjects	Individual MA's, as in 1990 CH-1-1B
1990 CH-2-1C	DETAILED HOUSING CHARACTERISTICS FOR URBANIZED AREAS	U.S.
	Statistics generally on sample housing subjects	Individual UA's, as in 1990 CH-1-1C
1990 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 (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 (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	
<hr/>			
	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 (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	
<hr/>			

STF 4 (Sample)	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	
	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 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 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 (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 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 Sample (PUMS) Files	Machine-readable files containing a sample of individual long-form census records showing most population and hou- sing characteristics but with identifying information removed	
5 Percent-County Based		County groups, counties, county subdivisions, and places with 100,000 or more inhabitants
1 Percent-Metro- politan Areas (1990)		MA's and other large areas with 100,000 or more inhabitants
3 Percent-Elderly	As above, but includes only households with at least one person age 60 or more	Same as for 5-per- cent sample
User-Defined Areas Tabulations	A set of standard tabul- ations provided on print- outs, tapes, or other products with maps and narrative (if requested)	User-defined areas created by aggreg- ating census blocks
Special Tabulations	User-defined tabulations for specified geographic areas provided on printouts, tapes, or other products	User-defined areas 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
		130	Slavophone
117-119	FINNO UGRIAN		
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

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	Rossiya	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	Slovenc	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 Socialist Republics	178-180	SLAVIC
		178	SLAVIC
		178	Slav
165-167	TATAR	179-180	SLAVONIAN
165	TATAR		

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 (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		

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
234	COLOMBIAN	275	Santo Domingo
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		
		310-313	DUTCH WEST INDIES
261-270	PUERTO RICAN	310	DUTCH WEST INDIES
261	Boricua	310	Black Dutch

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		
312	Saba Islander	330	St. Vincent Island
312-313	St. Eustatius Islander	330	Vincentian
		330	Grenadines Islander
		331	ST. LUCIA ISLANDER
314-316	TRINIDADIAN		
	TOBAGONIAN	332-334	FRENCH WEST INDIES
314	TRINIDADIAN	332	FRENCH WEST INDIES
	TOBAGONIAN	332	French West Indian
315	TRINIDADIAN	333	GUADELOUPE ISLANDER
316	TOBAGONIAN	333	Martinicois
		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
		335	Garifuna
321-331	BRITISH WEST INDIES		
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		

400-499	NORTH AFRICA AND SOUTHWEST ASIA	421	Hashemite
		421	Jordan
		422	TRANSJORDAN
400-401	ALGERIAN		
400-401	Algeria	423-424	KUWAITI
		423-424	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	TURKISH
		434	Turkey
412	ALHUCEMAS		
412	Ceuta	435	YEMENI
412	Chafarinas	435	Yemen Arab Republic
412	Melilla		
413	BERBER	436-441	OMANI
		436	OMANI
		437	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	PALESTINIAN
		466	GAZA STRIP
		467-469	WEST BANK
419-420	ISRAELI	470-479	SOUTH YEMEN
419-420	Israel	470	SOUTH YEMEN
		470	Democratic Republic 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		
		513-514	CHADIAN
482-489	ASSYRIAN	513-514	Chad
482	Aramean		
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
		576-581	SUDANESE
549	MOZAMBICAN	576	SUDANESE
549	Mozambique	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		
		588	UGANDAN
561-563	RWANDAN	588	Lugbara
561-563	Rwanda	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 (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 Islander	622-623	Nocobar Islander
594		624-625	ANDHRA PRADESH
595	MAURITIAN	626-627	ASSAMESE
595	Mauritius Islander	628-629	GOANESE
		630-631	GUJARATI
		632-633	KARNATAKAN
596-599	SUBSAHARAN AFRICAN, 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
596	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
597	WEST AFRICAN	652-653	RAJASTHAN
598	West Africa	654-655	SIKKIM
598	AFRICAN	656-657	TAMIL NADU
599	Africa	658-674	UTTAR PRADESH
599		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		

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	Palaung	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 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

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		

819	NIUEAN	831	KIRIBATESE
		831	Gilbertese
820	MICRONESIAN	832-833	NAURUAN
820	Micronesia Islander	832	NAURUAN
820	U.S. Trust Territory of the Pacific	833	TATAWA ISLANDER
		834-839	TINIAN
821-822	GUAMANIAN		
821	GUAMANIAN	840	MELANESIAN
821	Guam		
821-822	CHAMORRO ISLANDER	841-842	FIJIAN
		841-842	Fiji
823	SAIPANESE		
823	Northern Marianas Islander	843-844	NEW GUINEAN
		843	NEW GUINEAN
823	Saipan Islander	844	PAPUAN
824	PALAUAN	845	SOLOMON ISLANDER
		845	British Solomons
825	MARSHALLESE		
825	Marshall Islander	846	NEW CALEDONIAN
826	KOSRAEAN	847-849	VANUTUAN
		847	New Hebrides Islander
827	PONAPEAN (POHNPEIAN)		
827	Mokilese	847-849	Ni Vanuatu
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		
		861	See SAMOAN (code 814)
829	YAPESE		
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 (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 INDIAN	936-938	ACADIAN/CAJUN
		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 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 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 CODES	STAFF RESIDENTS GQ CODES	
87-N	--	A. COLLEGE QUARTERS OFF CAMPUS (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.)

05-I 05-N

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 |

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 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, 006-199	NOT SPANISH/HISPANIC
000-001 006-199	Not Spanish/Hispanic (FOSDIC circle) 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- 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- 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- 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- 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, not elsewhere classified	764	YAPESE
		765	INDO-PACIFIC LANGUAGES, not else- 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
816	FRENCH CREE	842	PUGET SOUND SALISH
816	Metis	842	Duwamish
		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	KAWAIISU
		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- 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		
		978	CHIRICAHUA
968	MAYAN LANGUAGES	978	Mescalero
968	Cakchiquel		
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, 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 printmakers (325)
189-192	Photographers (326)
193	Dancers (327)
194	Artists, performers, and related workers, n.e.c. (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 (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 (6308)
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 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, not specified
086-088	Jarvis Island		
089-094	Kingman Reef	139	England
095	Palmyra Atoll	140	Scotland
096-099	U.S. territory, 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, not specified	226	Mongolia
150	Eastern Europe, not specified	227	Nepal
151	Lapland, not specified	228	Oman
152	Northern Europe, not specified	229	Pakistan
153	Southern Europe, not specified	230	Paracel Islands
154-179	Western Europe, not specified	231	Philippines
180	Union of Soviet Socialist Republics (USSR)	232	Qatar
181	Baltic States, not specified	233	Saudi Arabia
182	Estonia	234	Singapore
183	Latvia	235	Spratley Islands
184-199	Lithuania	236	Sri Lanka
200-299	ASIA	237	Syria
200	Afghanistan	238	Taiwan
201	Bahrain	239	Thailand
202	Bangladesh	240	Turkey
203	Bhutan	241	United Arab Emirates
204	Brunei	242	Vietnam
205	Burma	243	Yemen, People's Democratic Republic
206	Cambodia	244	Yemen Arab Republic
207	China	245	Asia, not specified
208	Cyprus	246	Asia Minor, not specified
209	Hong Kong	247	East Asia, not specified
210	India	248	Gaza Strip
211	Indonesia	249	Indochina, not specified
212	Iran	250	Iraq-Saudi Arabia Neutral Zone
213	Iraq	251	Mesopotamia, not specified
214	Israel	252	Middle East, not specified
215	Japan	253	Palestine, not specified
216	Jordan	254	Persian Gulf States, not specified
217	Korea, not specified	255	Southeast Asia, not specified
218	South Korea	256-299	West Bank
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 Islands
526	Western Samoa
527	Oceania, not specified
528	Polynesia, not specified
529-549	Melanesia, not specified
550	Antarctica
551	Bouvet Island
552	French Southern and Antarctic Lands
553	Heard and McDonald Islands
554-999	AT SEA/ABROAD, NOT SPECIFIED
554	At sea
555-999	Abroad, not 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, 973	AMERICAN INDIAN	031	Duwamish
		032	Kikiallus
		033	Lower Skagit
000-001	Ahtna	034	Muckleshoot
002	Biorka	035	Nisqually
003	Reserve American 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 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	Cuyapaibe	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 Apache	303	Blackfoot Sioux
265	Reserve American Indian 7	304	Oglala Sioux
266	Reserve American Indian 8	305	Miniconjou
267	Reserve American Indian 9	306	Yanktonai Sioux
268	Reserve American Indian 10	307	Yankton Sioux
269	Reserve American Indian 11	308	Santee Sioux
270	Reserve American Indian 12	309	Sisseton Sioux
271	Reserve American Indian 13	310	Mdewakanton Sioux
272	Reserve American Indian 14	311	Wahpekute Sioux
273	Reserve American Indian 15	312	Wahpeton Sioux
274	Reserve American 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 Chippewa
294	Prior Lake	333	Saginaw Chippewa
295	Rosebud Sioux	334	Keweenaw
296	Upper Sioux	335	Lac Vieux Desert Chippewa
297	Sisseton-Wahpeton 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 Indian 19	402	Sand Hill
358	Reserve American Indian 20	403	Absentee Shawnee
359	Burt Lake Ottawa	404	Clifton Choctaw
360	Blackfoot	405	Iroquois
361	Cheyenne	406	Seneca
362	Northern Cheyenne	407	Seneca Nation
363	Southern Cheyenne	408	Tonawanda Seneca
364	Arapaho	409	Seneca-Cayuga
365	Atsina	410	Cayuga
366	Menominee	411	Onondaga
367	Potawatomie	412	Oneida
368	Citizen Band Potawatomi	413	Mohawk
369	Forest County	414	Tuscarora
370	Hannahville	415	Wyandotte
371	Huron Potawatomi	416	Cherokee
372	Pogagon Potawatomi	417	Eastern Cherokee
373	Prairie Band	418	Western Cherokee
374	Wisconsin Potawatomi	419	Etowah Cherokee
375	Ottawa	420	United Keetoowah Band
376	Miami	421	Tuscola
377	Sac and Fox	422	Northern Cherokee
378	Peoria	423	Eastern Muskogee
379	Sac and Fox- Mesquakie	424	Agua Caliente
380	Kickapoo	425	Creek
381	Shawnee	426	Thlopthlocco
382	Algonquian	427	Yuchi
383	Micmac	428	Hitchiti
384	Mailseet	429	Eastern Creek
385	Passamaquoddy	430	Principal Creek Indian Nation
386	Pleasant Point Passamaquoddy	431	Poarch Band
387	Indian Township	432	Lower Muskogee
388	Penobscot	433	Alabama Coushatta
389	Abenaki	434	Choctaw
390	Wampanoag	435	Houma
391	Nipmuc	436	Chickasaw
		437	Miccosukee
		438	Seminole
		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 Indian 27
456	Rappahannock		
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 Indian 23	517	Gay Head Wampanoag
		518	Timbi-Sha Shoshone
473	Reserve American Indian 24	519	Juaneno
		520	Oklahoma Choctaw
474	Reserve American Indian 25	521	Oklahoma Modoc
		522	Oklahoma Kiowa
475	Reserve American Indian 26	523	Oklahoma Comanche
		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 elsewhere classified
541	Alabama Quassarte		
542	Malheur Paiute	599	Reserve American
543	Wenatchee		Indian 38
544	Little Shell Chippewa	973	American Indian (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 Indian	976, 977, 979-982,	
551	Central American Indian	985	
552	South American Indian	600	Asian Indian
553	French American Indian	601	Bangladeshi
554	Spanish American Indian	602	Bhutanese
555	Cherokees of Southeast Alabama	603	Burmese
556	Cherokees of Northeast Alabama	604	Cambodian (Kampuchean)
557	Echota Cherokee	605	Chinese
558	MaChis Lower Creek Indian	606	Taiwanese
559	MOWA Band of Choctaw	607	Formosan
560	Star Clan of Muskogee Creeks	608	Filipino
561	Eastern Delaware	609	Filipino
562	Cherokee Alabama	610	Hmong
563	Reserve American Indian 36	611	Indonesian
564	Reserve American Indian 37	612	Japanese
565	Mexican Indian Cherokee	613	Korean
566	Eastern Chickahominy	614	Laotian
567	Western Chickahominy	615	Malayan
568	Waccamaw-Siouan	616	Okinawan
569	Nausu Waiwash	617	Pakistani
570	Pocomoke Acohonock	618	Sri Lankan
571	Susquehanock	619	Thai
		620	Vietnamese
		621	Amerasian
		622	Asian
		623	Asiatic
		624	Eurasian
		625	Mongolian
		626	Oriental
		627	Whello
		628	Yellow
			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	Samoaan (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)		
982	Asian Indian (FOSDIC circle)	676-680	MELANESIAN
985	Other Asian or Pacific Islander (FOSDIC circle)	676	Fijian
		677	Melanesian
		678	Papua New Guinean
		679	Solomon Islander
		680	New Hebrides
		681-699	OTHER PACIFIC ISLANDER
653-699, 978, 983, 984	PACIFIC ISLANDER	681	Pacific Islander
		682	Reserve Pacific Islander 1
		683	Reserve Pacific Islander 2
		684	Reserve Pacific Islander 3
		685	Reserve Pacific Islander 4
653-659, 978, 983	POLYNESIAN		
653	Hawaiian		
654	Part Hawaiian		
655	Samoaan		
656	Tahitian		

686	Reserve Pacific Islander 5	716	Guatemalan
687	Reserve Pacific Islander 6	717	Hispanic
688	Reserve Pacific Islander 7	718	Honduran
689	Reserve Pacific Islander 8	719	La Raza
690	Reserve Pacific Islander 9	720	Latin American
691	Reserve Pacific Islander 10	721	Mestizo
692	Reserve Pacific Islander 11	722	Mexican
693	Reserve Pacific Islander 12	723	Nicaraguan
694	Reserve Pacific Islander 13	724	Panamanian
695	Reserve Pacific Islander 14	725	Paraguayo
696	Asian or Pacific Islander	726	Peruvian
697	Reserve Asian or Pacific Islander 1	727	Puerto Rican
698	Reserve Asian or Pacific Islander 2	728	Morena
699	Reserve Asian or Pacific Islander 3	729	South American
700-799, 986, 987-999	OTHER RACE	730	Spanish
700-748	HISPANIC ORIGIN	731	Spanish-American
700	Argentinian	732	Spanish-Mexican
701	Bolivian	733	Sudamericano
702	Boricua	734	Uruguayan
703	Californio	735	Venezuelan
704	Central American	736	Reserve Hispanic 2
705	Chicano	737	Reserve Hispanic 3
706	Chilean	738	Reserve Hispanic 4
707	Colombian	739	Reserve Hispanic 5
708	Costa Rican	740	Reserve Hispanic 6
709	Cuban	741	Reserve Hispanic 7
710	Dominican	742	Reserve Hispanic 8
711	Ecuadorian (Ecuadorian)	743	Reserve Hispanic 9
712	Salvadoran	744	Reserve Hispanic 10
713-714	Galapagos	745	Reserve Hispanic 11
715	Guajiro	746	Reserve Hispanic 12
		747	Reserve Hispanic 13
		748	Reserve Hispanic 14
		749-799, 986, 987-999	NOT OF HISPANIC ORIGIN
		749-750	Brava
		751	Brazil
		752	Brown
		753	Bushwacker
		754	Cajun
		755	Cape Verdean
		756	Chocolate
		757	Coe Clan
		758	Coffee
		759	Cosmopolitan
		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/ 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 (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 Pacific Islander
798	Trinidad		
799	Other race, not elsewhere classified	838	White Eskimo
		839	White Aleut
986	Other race (FOSDIC circle)	840	Reserve White 3
		841	Reserve White 4
987-999	Reserve Other race	842	Reserve White 5
		843	Reserve White 6
800-869, 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 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/ 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 (FOSDIC circle)
888	Black Burmese		
889	Black Cambodian (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 circle)
941-970, 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