

2015 ACS PUMS DATA DICTIONARY  
October 20, 2016

HOUSING RECORD

RT 1  
Record Type  
H .Housing Record or Group Quarters Unit

SERIALNO 7  
Housing unit/GQ person serial number  
0000001..9999999 .Unique identifier

DIVISION 1  
Division code  
0 .Puerto Rico  
1 .New England (Northeast region)  
2 .Middle Atlantic (Northeast region)  
3 .East North Central (Midwest region)  
4 .West North Central (Midwest region)  
5 .South Atlantic (South region)  
6 .East South Central (South region)  
7 .West South Central (South Region)  
8 .Mountain (West region)  
9 .Pacific (West region)

PUMA 5  
Public use microdata area code (PUMA) based on 2010 Census definition  
00100..70301 .Public use microdata area codes

Note: Public use microdata areas (PUMAs) designate areas of 100,000 or more population. Use with ST for unique code.

REGION 1  
Region code  
1 .Northeast  
2 .Midwest  
3 .South  
4 .West  
9 .Puerto Rico

ST 2  
State Code  
01 .Alabama/AL  
02 .Alaska/AK  
04 .Arizona/AR  
05 .Arkansas/AR  
06 .California/CA  
08 .Colorado/CO  
09 .Connecticut/CT  
10 .Delaware/DE  
11 .District of Columbia/DC  
12 .Florida/FL  
13 .Georgia/GA

15 .Hawaii/HI  
 16 .Idaho/ID  
 17 .Illinois/IL  
 18 .Indiana/IN  
 19 .Iowa/IA  
 20 .Kansas/KS  
 21 .Kentucky/KY  
 22 .Louisiana/LA  
 23 .Maine/ME  
 24 .Maryland/MD  
 25 .Massachusetts/MA  
 26 .Michigan/MI  
 27 .Minnesota/MN  
 28 .Mississippi/MS  
 29 .Missouri/MO  
 30 .Montana/MT  
 31 .Nebraska/NE  
 32 .Nevada/NV  
 33 .New Hampshire/NH  
 34 .New Jersey/NJ  
 35 .New Mexico/NM  
 36 .New York/NY  
 37 .North Carolina/NC  
 38 .North Dakota/ND  
 39 .Ohio/OH  
 40 .Oklahoma/OK  
 41 .Oregon/OR  
 42 .Pennsylvania/PA  
 44 .Rhode Island/RI  
 45 .South Carolina/SC  
 46 .South Dakota/SD  
 47 .Tennessee/TN  
 48 .Texas/TX  
 49 .Utah/UT  
 50 .Vermont/VT  
 51 .Virginia/VA  
 53 .Washington/WA  
 54 .West Virginia/WV  
 55 .Wisconsin/WI  
 56 .Wyoming/WY  
 72 .Puerto Rico/PR

ADJHSG           7  
           Adjustment factor for housing dollar amounts (6 implied decimal places)  
           1000000 .2015 factor (1.000000)

Note: The value of ADJHSG inflation-adjusts reported housing costs to 2015 dollars and applies to variables CONP, ELEP, FULP, GASP, GRNTP, INSP, MHP, MRGP, SMOCP, RNTP, SMP, and WATP in the housing record. ADJHSG does not apply to AGS and TAXP because they are categorical variables that should not be inflation-adjusted. ADJHSG does not apply to VALP.

ADJINC 7  
 Adjustment factor for income and earnings dollar amounts(6 implied  
 decimal places)  
 1001264 .2015 factor (1.001264)

Note: The value of ADJINC inflation-adjusts reported income to 2015 dollars.  
 ADJINC applies to variables FINCP and HINCP in the housing record, and  
 variables INTP, OIP, PAP, PERNP, PINCP, RETP, SEMP, SSIP, SSP, and WAGP in  
 the person record.

WGTP 5  
 Housing Weight  
 00000 .Group Quarters place holder record  
 00001..09999 .Integer weight of housing unit

NP 2  
 Number of person records following this housing record  
 00 .Vacant unit  
 01 .One person record (one person in household or  
 .any person in group quarters)  
 02..20 .Number of person records (number of persons in.household)

TYPE 1  
 Type of unit  
 1 .Housing unit  
 2 .Institutional group quarters  
 3 .Noninstitutional group quarters

ACCESS 1  
 Access to the Internet  
 b .N/A (GQ)  
 1 .Yes, with subscription to an Internet service  
 2 .Yes, without a subscription to an Internet service  
 3 .No Internet access at this house, apartment, or mobile home

ACR 1  
 Lot size  
 b .N/A (GQ/not a one-family house or mobile home)  
 1 .House on less than one acre  
 2 .House on one to less than ten acres  
 3 .House on ten or more acres

AGS 1  
 Sales of Agriculture Products (Yearly sales)  
 b .N/A (GQ/vacant/not a one family house  
 .or mobile home/less than 1 acre)  
 1 .None  
 2 . \$ 1 - \$ 999  
 3 . \$ 1000 - \$ 2499  
 4 . \$ 2500 - \$ 4999  
 5 . \$ 5000 - \$ 9999  
 6 . \$10000+

Note: no adjustment factor is applied to AGS.

BATH 1  
Bathtub or shower  
b .N/A (GQ)  
1 .Yes  
2 .No

BDSP 2  
Number of bedrooms  
bb .N/A (GQ)  
00..99 .0 to 99 bedrooms (Top-coded)

BLD 2  
Units in structure  
bb .N/A (GQ)  
01 .Mobile home or trailer  
02 .One-family house detached  
03 .One-family house attached  
04 .2 Apartments  
05 .3-4 Apartments  
06 .5-9 Apartments  
07 .10-19 Apartments  
08 .20-49 Apartments  
09 .50 or more apartments  
10 .Boat, RV, van, etc.

BROADBND 1  
Mobile broadband plan  
b .N/A (GQ)  
1 .Yes  
2 .No

BUS 1  
Business or medical office on property  
b .N/A (GQ/not a one-family house or mobile home)  
1 .Yes  
2 .No

COMPOTHX 1  
Other computer equipment  
b .N/A (GQ)  
1 .Yes  
2 .No

CONP 4  
Condo fee (monthly amount)  
bbbb .N/A (GQ/vacant units, except "for sale-only"  
.and "sold, not occupied"/not owned or being  
.bought)  
0000 .Not condo (Owned/being bought)  
0001..9999 .\\$1 - \\$9999 (Rounded and top-coded)

Note: Use ADJHSG to adjust CONP to constant dollars.

DIALUP 1  
Dial-up service  
b .N/A (GQ)  
1 .Yes  
2 .No

DSL 1  
DSL service  
b .N/A (GQ)  
1 .Yes  
2 .No

ELEP 3  
Electricity (monthly cost)  
bbb .N/A (GQ/vacant)  
001 .Included in rent or in condo fee  
002 .No charge or electricity not used  
003..999 .\$.3 to \$999 (Rounded and top-coded)

Note: Use ADJHSG to adjust ELEP values 3 and over to constant dollars.

FIBEROP 1  
Fiber-optic Internet service  
b .N/A (GQ)  
1 .Yes  
2 .No

FS 1  
Yearly food stamp/Supplemental Nutrition Assistance Program reciprocity  
b .N/A (vacant)  
1 .Yes  
2 .No

FULP 4  
Fuel cost (yearly cost for fuels other than gas and electricity)  
bbbb .N/A (GQ/vacant)  
0001 .Included in rent or in condo fee  
0002 .No charge or these fuels not used  
0003..9999 .\$.3 to \$9999 (Rounded and top-coded)

Note: Use ADJHSG to adjust FULP values 3 and over to constant dollars.

GASP 3  
Gas (monthly cost)  
bbb .N/A (GQ/vacant)  
001 .Included in rent or in condo fee  
002 .Included in electricity payment  
003 .No charge or gas not used  
004..999 .\$.4 to \$999 (Rounded and top-coded)

Note: Use ADJHSG to adjust GASP values 4 and over to constant dollars.

HANDHELD 1  
Handheld computer  
b .N/A (GQ)  
1 .Yes  
2 .No

HFL 1  
House heating fuel  
b .N/A (GQ/vacant)  
1 .Utility gas  
2 .Bottled, tank, or LP gas  
3 .Electricity  
4 .Fuel oil, kerosene, etc.  
5 .Coal or coke  
6 .Wood  
7 .Solar energy  
8 .Other fuel  
9 .No fuel used

INSP 5  
Fire/hazard/flood insurance (yearly amount)  
bbbbbb .N/A (GQ/vacant/not owned or being bought)  
00000 .None  
00001..10000 \$.1 to \$10000 (Rounded and top-coded)

Note: Use ADJHSG to adjust INSP to constant dollars.

LAPTOP 1  
Laptop, desktop, or notebook computer  
b .N/A (GQ)  
1 .Yes  
2 .No

MHP 5  
Mobile home costs (yearly amount)  
bbbbbb .N/A (GQ/vacant/not owned or being bought/  
not mobile home)  
00000 .None  
00001..99999 \$.1 to \$99999 (Rounded and top-coded)

Note: Use ADJHSG to adjust MHP to constant dollars.

MODEM 1  
Cable Internet service  
b .N/A (GQ)  
1 .Yes  
2 .No

MRGI 1  
First mortgage payment includes fire/hazard/flood insurance  
b .N/A (GQ/vacant/not owned or being bought/not mortgaged)  
1 .Yes, insurance included in payment  
2 .No, insurance paid separately or no insurance

MRGP 5  
 First mortgage payment (monthly amount)  
 bbbbbb .N/A (GQ/vacant/not owned or being bought/not  
 .mortgaged)  
 00001..99999 \$.1 to \$99999 (Rounded and top-coded)

Note: Use ADJHSG to adjust MRGP to constant dollars.

MRGT 1  
 First mortgage payment includes real estate taxes  
 b .N/A (GQ/vacant/not owned or being bought/not mortgaged)  
 1 .Yes, taxes included in payment  
 2 .No, taxes paid separately or taxes not required

MRGX 1  
 First mortgage status  
 b .N/A (GQ/vacant/not owned or being bought)  
 1 .Mortgage, deed of trust, or similar debt  
 2 .Contract to purchase  
 3 .None

OTHSVCEX 1  
 Other Internet service  
 b .N/A (GQ)  
 1 .Yes  
 2 .No

REFR 1  
 Refrigerator  
 b .N/A (GQ)  
 1 .Yes  
 2 .No

RMSP 2  
 Number of Rooms  
 bb .N/A (GQ)  
 00..99 .Rooms (Top-coded)

RNTM 1  
 Meals included in rent  
 b .N/A (GQ/vacant units, except "for rent" and "rented,  
 .not occupied"/owned or being bought  
 ./occupied without rent payment)  
 1 .Yes  
 2 .No

RNTP 5  
 Monthly rent  
 bbbbbb .N/A (GQ/vacant units, except "for rent" and  
 ."rented, not occupied"/owned or being bought  
 ./occupied without rent  
 .payment)  
 00001..99999 \$.1 to \$99999 (Rounded and top-coded)

Note: Use ADJHSG to adjust RNTP to constant dollars.

RWAT 1  
Hot and cold running water  
b .N/A (GQ)  
1 .Yes  
2 .No  
9 .Case is from Puerto Rico, RWAT not applicable

RWATPR 1  
Running water  
b .N/A (GQ)  
1 .Yes  
2 .No  
9 .Case is from the United States, RWATPR not applicable

SATELLITE 1  
Satellite Internet service  
b .N/A (GQ)  
1 .Yes  
2 .No

SINK 1  
Sink with a faucet  
b .N/A (GQ)  
1 .Yes  
2 .No

SMP 5  
Total payment on all second and junior mortgages and home equity loans  
(monthly amount)  
bbbbbb .N/A (GQ/vacant/not owned or being bought/  
./no second or junior mortgages or home equity  
.loans)  
00001..99999 .\$.1 to \$99999 (Rounded and top-coded)

Note: Use ADJHSG to adjust SMP to constant dollars.

STOV 1  
Stove or range  
b .N/A (GQ)  
1 .Yes  
2 .No

TEL 1  
Telephone  
b .N/A (GQ/vacant)  
1 .Yes  
2 .No  
8 .Suppressed

Note: Problems in the collection of data on the availability of telephone service (TEL) in 2015 led to suppressing this variable in five PUMAs. See the Estimation section of the Accuracy of the Data for the 2015 1-year PUMS for more information on PUMS estimates using TEL.  
<https://www.census.gov/programs-surveys/acs/technical-documentation/pums.html>



TEN 1  
Tenure  
b .N/A (GQ/vacant)  
1 .Owned with mortgage or loan (include home equity loans)  
2 .Owned free and clear  
3 .Rented  
4 .Occupied without payment of rent

TOIL 1  
Flush toilet  
b .N/A (GQ)  
1 .Yes  
2 .No

VACS 1  
Vacancy status  
b .N/A (GQ/occupied)  
1 .For rent  
2 .Rented, not occupied  
3 .For sale only  
4 .Sold, not occupied  
5 .For seasonal/recreational/occasional use  
6 .For migrant workers  
7 .Other vacant

VALP 7  
Property value  
bbbbbbb .N/A (GQ/vacant units, except "for-sale-only"  
.and "sold, not occupied"/not owned or being  
.bought)  
0000001..9999999 \$.1 to \$9999999 (Rounded and top-coded)

VEH 1  
Vehicles (1 ton or less) available  
b .N/A (GQ/vacant)  
0 .No vehicles  
1 .1 vehicle  
2 .2 vehicles  
3 .3 vehicles  
4 .4 vehicles  
5 .5 vehicles  
6 .6 or more vehicles

WATP 4  
Water (yearly cost)  
bbbb .N/A (GQ/vacant)  
0001 .Included in rent or in condo fee  
0002 .No charge  
0003..9999 \$.3 to \$9999 (Rounded and top-coded)

Note: Use ADJHSG to adjust WATP values 3 and over to constant dollars.

YBL 2  
When structure first built

bb .N/A (GQ)  
 01 .1939 or earlier  
 02 .1940 to 1949  
 03 .1950 to 1959  
 04 .1960 to 1969  
 05 .1970 to 1979  
 06 .1980 to 1989  
 07 .1990 to 1999  
 08 .2000 to 2004  
 09 .2005  
 10 .2006  
 11 .2007  
 12 .2008  
 13 .2009  
 14 .2010  
 15 .2011  
 16 .2012  
 17 .2013  
 18 .2014  
 19 .2015

FES

1

Family type and employment status

b .N/A (GQ/vacant/not a family/same-sex married-couple families)  
 1 .Married-couple family: Husband and wife in LF  
 2 .Married-couple family: Husband in labor force, wife not in LF  
 3 .Married-couple family: Husband not in LF, wife in LF  
 4 .Married-couple family: Neither husband nor wife in LF  
 5 .Other family: Male householder, no wife present, in LF  
 6 .Other family: Male householder, no wife present, not in LF  
 7 .Other family: Female householder, no husband present, in LF  
 8 .Other family: Female householder, no husband present, not in LF  
 .LF

FINCP

9

Family income (past 12 months)

bbbbbbbbb .N/A (GQ/vacant)  
 000000000 .No family income  
 -00059999 .Loss of -\$59,999 or more  
 -00000001..-00059998 .Loss of \$1 to -\$59,998  
 000000001 . \$1 or Break even  
 000000002..999999999 .Total family income in dollars  
 .(Components are rounded)

Note: Use ADJINC to adjust FINCP to constant dollars.

FPARC

1

Family presence and age of related children

b .N/A (GQ/vacant/not a family)  
 1 .With related children under 5 years only  
 2 .With related children 5 to 17 years only  
 3 .With related children under 5 years and 5 to 17 years  
 4 .No related children

GRNTP

5

Gross rent (monthly amount)  
 bbbbbb .N/A (GQ/vacant/owned or being bought  
 . /occupied without  
 .rent payment)  
 00001..99999 . \$1 - \$99999 (Components are rounded)

Note: Use ADJHSG to adjust GRNTP to constant dollars.

GRPIP 3  
 Gross rent as a percentage of household income past 12 months  
 bbb .N/A (GQ/vacant/owned or being bought  
 . /occupied without  
 .rent payment/no household income)  
 001..100 .1% to 100%  
 101 .101% or more

HHL 1  
 Household language  
 b .N/A (GQ/vacant)  
 1 .English only  
 2 .Spanish  
 3 .Other Indo-European languages  
 4 .Asian and Pacific Island languages  
 5 .Other language

HHT 1  
 Household/family type  
 b .N/A (GQ/vacant)  
 1 .Married couple household  
 2 .Other family household:Male householder, no wife present  
 3 .Other family household:Female householder, no husband present  
 4 .Nonfamily household:Male householder:Living alone  
 5 .Nonfamily household:Male householder:Not living alone  
 6 .Nonfamily household:Female householder:Living alone  
 7 .Nonfamily household:Female householder:Not living alone

HINCP 9  
 Household income (past 12 months)  
 bbbbbbbbbb .N/A (GQ/vacant)  
 000000000 .No household income  
 -00059999 .Loss of -\$59,999 or more  
 -00000001..-00059998 .Loss of \$1 to -\$59,998  
 000000001 . \$1 or Break even  
 000000002..999999999 .Total household income in dollars  
 .(Components are rounded)

Note: Use ADJINC to adjust HINCP to constant dollars.

HOTWAT 1  
 Water heater (Puerto Rico only)  
 b .N/A (GQ)  
 1 .Yes  
 2 .No  
 9 .Case is from the United States, HOTWAT not applicable

HUGCL 1

Household with grandparent living with grandchildren

b .N/A (GQ/vacant)

0 .Household without grandparent living with grandchildren

1 .Household with grandparent living with grandchildren

HUPAC 1  
 HH presence and age of children  
 b .N/A (GQ/vacant)  
 1 .With children under 6 years only  
 2 .With children 6 to 17 years only  
 3 .With children under 6 years and 6 to 17 years  
 4 .No children

HUPAOC 1  
 HH presence and age of own children  
 b .N/A (GQ/vacant)  
 1 .Presence of own children under 6 years only  
 2 .Presence of own children 6 to 17 years only  
 3 .Presence of own children under 6 years and 6 to 17 years  
 4 .No own children present

HUPARC 1  
 HH presence and age of related children  
 b .N/A (GQ/vacant)  
 1 .Presence of related children under 6 years only  
 2 .Presence of related children 6 to 17 years only  
 3 .Presence of related children under 6 years and 6 to 17 years  
 4 .No related children present

KIT 1  
 Complete kitchen facilities  
 b .N/A (GQ)  
 1 .Yes, has stove or range, refrigerator, and sink with a faucet  
 2 .No

LNGI 1  
 Limited English speaking household  
 b .N/A (GQ/vacant)  
 1 .At least one person in the household 14 and over speaks  
 .English only or speaks English 'very well'  
 2 .No one in the household 14 and over speaks English only or  
 .speaks English 'very well'

MULTG 1  
 Multigenerational Household  
 b .N/A (GQ/Vacant/NP=0)  
 1 .No, not a multigenerational household  
 2 .Yes, is a multigenerational household

MV 1  
 When moved into this house or apartment  
 b .N/A (GQ/vacant)  
 1 .12 months or less  
 2 .13 to 23 months  
 3 .2 to 4 years  
 4 .5 to 9 years  
 5 .10 to 19 years  
 6 .20 to 29 years  
 7 .30 years or more

NOC            2  
Number of own children in household (unweighted)  
bb            .N/A (GQ/vacant)  
00            .No own children  
01..19       .Number of own children in household

NPF            2  
Number of persons in family (unweighted)  
bb            .N/A (GQ/vacant/non-family household)  
02..20       .Number of persons in family

NPP            1  
Grandparent headed household with no parent present  
b            .N/A (GQ/vacant)  
0            .Not a grandparent headed household with no parent present  
1            .Grandparent headed household with no parent present

NR             1  
Presence of nonrelative in household  
b            .N/A (GQ/vacant)  
0            .None  
1            .1 or more nonrelatives

NRC            2  
Number of related children in household (unweighted)  
bb            .N/A (GQ/vacant)  
00            .No related children  
01..19       .Number of related children in household

OCPIP          3  
Selected monthly owner costs as a percentage of household  
income during the past 12 months  
bbb           .N/A (GQ/vacant/not owned or being bought/  
                 .no household income)  
001..100     .1% to 100%  
101           .101% or more

PARTNER       1  
Unmarried partner household  
b            .N/A (GQ/vacant)  
0            .No unmarried partner in household  
1            .Male householder, male partner  
2            .Male householder, female partner  
3            .Female householder, female partner  
4            .Female householder, male partner

PLM            1  
Complete plumbing facilities  
b            .N/A (GQ)  
1            .Yes, has hot and cold running water, a flush toilet, and a  
                 .bathtub or shower  
2            .No  
9            .Case is from Puerto Rico, PLM recode not applicable

PLMPRP 1  
 Complete plumbing facilities for Puerto Rico  
 b .N/A (GQ)  
 1 .Yes, has running water, a flush toilet, and a bathtub or  
 .shower  
 2 .No  
 9 .Case is from the United States, PLMPRP not applicable

PSF 1  
 Presence of subfamilies in Household  
 b .N/A (GQ/vacant)  
 0 .No subfamilies  
 1 .1 or more subfamilies

R18 1  
 Presence of persons under 18 years in household (unweighted)  
 b .N/A (GQ/vacant)  
 0 .No person under 18 in household  
 1 .1 or more persons under 18 in household

R60 1  
 Presence of persons 60 years and over in household (unweighted)  
 b .N/A (GQ/vacant)  
 0 .No person 60 and over  
 1 .1 person 60 and over  
 2 .2 or more persons 60 and over

R65 1  
 Presence of persons 65 years and over in household (unweighted)  
 b .N/A (GQ/vacant)  
 0 .No person 65 and over  
 1 .1 person 65 and over  
 2 .2 or more persons 65 and over

RESMODE 1  
 Response mode  
 b .N/A (GQ)  
 1 .Mail  
 2 .CATI/CAPI  
 3 .Internet

SMOCP 5  
 Selected monthly owner costs  
 bbbbb .N/A (GQ/vacant/not owned or being bought)  
 00000 .None  
 00001..99999 .\\$1 - \\$99999 (Components are rounded)

Note: Use ADJHSG to adjust SMOCP to constant dollars.

SMX            1  
 Second or junior mortgage or home equity loan status  
 b .N/A (GQ/vacant/not owned or being bought)  
 1 .Yes, a second mortgage  
 2 .Yes, a home equity loan  
 3 .No  
 4 .Both a second mortgage and a home equity loan

SRNT           1  
 Specified rent unit  
 b .N/A  
 0 .Not specified rent unit  
 1 .Specified rent unit

SSMC           1  
 Same-sex married couple households  
 b .N/A (GQ/vacant)  
 0 .Households without a same-sex married couple  
 1 .Same-sex married-couple household where not all relevant data  
   shown as reported  
 2 .All other same-sex married-couple households

SVAL           1  
 Specified value owner unit  
 b .N/A  
 0 .Not specified value owner unit  
 1 .Specified value owner unit

TAXP           2  
 Property taxes (yearly amount)  
 bb .N/A (GQ/vacant/not owned or being bought)  
 01 .None  
 02 . \$ 1 - \$ 49  
 03 . \$ 50 - \$ 99  
 04 . \$ 100 - \$ 149  
 05 . \$ 150 - \$ 199  
 06 . \$ 200 - \$ 249  
 07 . \$ 250 - \$ 299  
 08 . \$ 300 - \$ 349  
 09 . \$ 350 - \$ 399  
 10 . \$ 400 - \$ 449  
 11 . \$ 450 - \$ 499  
 12 . \$ 500 - \$ 549  
 13 . \$ 550 - \$ 599  
 14 . \$ 600 - \$ 649  
 15 . \$ 650 - \$ 699  
 16 . \$ 700 - \$ 749  
 17 . \$ 750 - \$ 799  
 18 . \$ 800 - \$ 849  
 19 . \$ 850 - \$ 899  
 20 . \$ 900 - \$ 949  
 21 . \$ 950 - \$ 999  
 22 . \$1000 - \$1099  
 23 . \$1100 - \$1199  
 24 . \$1200 - \$1299



25 . \$1300 - \$1399  
 26 . \$1400 - \$1499  
 27 . \$1500 - \$1599  
 28 . \$1600 - \$1699  
 29 . \$1700 - \$1799  
 30 . \$1800 - \$1899  
 31 . \$1900 - \$1999  
 32 . \$2000 - \$2099  
 33 . \$2100 - \$2199  
 34 . \$2200 - \$2299  
 35 . \$2300 - \$2399  
 36 . \$2400 - \$2499  
 37 . \$2500 - \$2599  
 38 . \$2600 - \$2699  
 39 . \$2700 - \$2799  
 40 . \$2800 - \$2899  
 41 . \$2900 - \$2999  
 42 . \$3000 - \$3099  
 43 . \$3100 - \$3199  
 44 . \$3200 - \$3299  
 45 . \$3300 - \$3399  
 46 . \$3400 - \$3499  
 47 . \$3500 - \$3599  
 48 . \$3600 - \$3699  
 49 . \$3700 - \$3799  
 50 . \$3800 - \$3899  
 51 . \$3900 - \$3999  
 52 . \$4000 - \$4099  
 53 . \$4100 - \$4199  
 54 . \$4200 - \$4299  
 55 . \$4300 - \$4399  
 56 . \$4400 - \$4499  
 57 . \$4500 - \$4599  
 58 . \$4600 - \$4699  
 59 . \$4700 - \$4799  
 60 . \$4800 - \$4899  
 61 . \$4900 - \$4999  
 62 . \$5000 - \$5499  
 63 . \$5500 - \$5999  
 64 . \$6000 - \$6999  
 65 . \$7000 - \$7999  
 66 . \$8000 - \$8999  
 67 . \$9000 - \$9999  
 68 . \$10000+ (Top-coded)

Note: No adjustment factor is applied to TAXP.

WIF            1  
           Workers in family during the past 12 months  
           b .N/A (GQ/vacant/non-family household)  
           0 .No workers  
           1 .1 worker  
           2 .2 workers  
           3 .3 or more workers in family

WKEXREL 2

Work experience of householder and spouse

- bb .N/A (GQ/vacant/not a family)
- 01 .Householder and spouse worked FT
- 02 .Householder worked FT; spouse worked < FT
- 03 .Householder worked FT; spouse did not work
- 04 .Householder worked < FT; spouse worked FT
- 05 .Householder worked < FT; spouse worked < FT
- 06 .Householder worked < FT; spouse did not work
- 07 .Householder did not work; spouse worked FT
- 08 .Householder did not work; spouse worked < FT
- 09 .Householder did not work; spouse did not work
- 10 .Male householder worked FT; no spouse present
- 11 .Male householder worked < FT; no spouse present
- 12 .Male householder did not work; no spouse present
- 13 .Female householder worked FT; no spouse present
- 14 .Female householder worked < FT; no spouse present
- 15 .Female householder did not work; no spouse present

WORKSTAT 2

Work status of householder or spouse in family households

- bb .N/A (GQ/not a family household/same-sex married-couple families)
- 01 .Husband and wife both in labor force, both employed or in .Armed Forces
- 02 .Husband and wife both in labor force, husband employed or in .Armed Forces, wife unemployed
- 03 .Husband in labor force and wife not in labor force, husband .employed or in Armed Forces
- 04 .Husband and wife both in labor force, husband unemployed, .wife employed or in Armed Forces
- 05 .Husband and wife both in labor force, husband unemployed, .wife unemployed
- 06 .Husband in labor force, husband unemployed, wife not in labor .force
- 07 .Husband not in labor force, wife in labor force, wife .employed or in Armed Forces
- 08 .Husband not in labor force, wife in labor force, wife .unemployed
- 09 .Neither husband nor wife in labor force
- 10 .Male householder with no wife present, householder in .labor force, employed or in Armed Forces
- 11 .Male householder with no wife present, householder in .labor force and unemployed
- 12 .Male householder with no wife present, householder not in .labor force
- 13 .Female householder with no husband present, householder in .labor force, employed or in Armed Forces
- 14 .Female householder with no husband present, householder in .labor force and unemployed
- 15 .Female householder with no husband present, householder not .in labor force

FACCESSP 1  
 Access to the Internet allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FACRP 1  
 Lot size allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FAGSP 1  
 Sales of Agricultural Products allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FBATHP 1  
 Bathtub or shower allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FBDSP 1  
 Number of bedrooms allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FBLDP 1  
 Units in structure allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FBROADBNDP 1  
 Mobile broadband plan allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FBUSP 1  
 Business or medical office on property allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FCOMPOTHXP 1  
 Other computer equipment allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FCONP           1  
           Condominium fee allocation flag  
           b .N/A (GQ)  
           0 .No  
           1 .Yes

FDIALUPP       1  
           Dial-up service allocation flag  
           b .N/A (GQ)  
           0 .No  
           1 .Yes

FDSLPL           1  
           DSL service allocation flag  
           b .N/A (GQ)  
           0 .No  
           1 .Yes

FELEP           1  
           Electricity (monthly cost) allocation flag  
           b .N/A (GQ)  
           0 .No  
           1 .Yes

FFIBEROPP       1  
           Fiber-optic Internet service allocation flag  
           b .N/A (GQ)  
           0 .No  
           1 .Yes

FFINCP           1  
           Family income (past 12 months) allocation flag  
           b .N/A (GQ)  
           0 .No  
           1 .Yes

FFSP            1  
           Yearly food stamp/Supplemental Nutrition Assistance Program  
           recipency allocation flag  
           0 .No  
           1 .Yes

FFULP           1  
           Fuel cost (yearly cost for fuels other than gas and electricity)  
           allocation flag  
           b .N/A (GQ)  
           0 .No  
           1 .Yes

FGASP 1  
 Gas (monthly cost) allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FGRNTP 1  
 Gross rent (monthly amount) allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FHANDHELDP 1  
 Handheld computer allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FHFLP 1  
 House heating fuel allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FHINCP 1  
 Household income (past 12 months) allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FHOTWATP 1  
 Water heater allocation flag (Puerto Rico only)  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FINSP 1  
 Fire, hazard, flood insurance (yearly amount) allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FKITP 1  
 Complete kitchen facilities allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FLAPTOPP 1  
 Laptop, desktop, or notebook computer allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FMHP 1  
 Mobile home costs (yearly amount) allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FMODEMP 1  
 Cable Internet service allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FMRGIP 1  
 First mortgage payment includes fire, hazard, flood insurance  
 allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FMRGP 1  
 First mortgage payment (monthly amount) allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FMRGTP 1  
 First mortgage payment includes real estate taxes allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FMRGXP 1  
 First mortgage status allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FMVP 1  
 When moved into this house or apartment allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FOTHSVCEXP 1  
 Other Internet service allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FPLMP 1  
 Complete plumbing facilities allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FPLMPRP 1  
 Complete plumbing facilities allocation flag for Puerto Rico  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FREFRP 1  
 Refrigerator allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FRMSP 1  
 Number of rooms allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FRNTMP 1  
 Meals included in rent allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FRNTP 1  
 Monthly rent allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FRWATP 1  
 Hot and cold running water allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FRWATPRP 1  
 Running water allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FSATELLITEP 1  
 Satellite Internet service allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FSINKP 1  
 Sink with a faucet allocation flag  
 b .N/A (GQ)  
 0 .No  
 1 .Yes

FSMOCP           1  
           Selected monthly owner cost allocation flag  
           b .N/A (GQ)  
           0 .No  
           1 .Yes

FSMFP            1  
           Total payment on second and junior mortgages and home equity loans  
           (monthly amount)allocation flag  
           b .N/A (GQ)  
           0 .No  
           1 .Yes

FSMXHP           1  
           Home equity loan status allocation flag  
           b .N/A (GQ)  
           0 .No  
           1 .Yes

FSMXSP           1  
           Second mortgage status allocation flag  
           b .N/A (GQ)  
           0 .No  
           1 .Yes

FSTOVP           1  
           Stove or range allocation flag  
           b .N/A (GQ)  
           0 .No  
           1 .Yes

FTAXP            1  
           Property taxes (yearly amount) allocation flag  
           b .N/A (GQ)  
           0 .No  
           1 .Yes

FTELP            1  
           Telephone allocation flag  
           b .N/A (GQ)  
           0 .No  
           1 .Yes

FTENP            1  
           Tenure allocation flag  
           b .N/A (GQ)  
           0 .No  
           1 .Yes



FTOILP           1  
           Flush toilet allocation flag  
           b .N/A (GQ)  
           0 .No  
           1 .Yes

FVACSP           1  
           Vacancy status allocation flag  
           b .N/A (GQ)  
           0 .No  
           1 .Yes

FVALP            1  
           Property value allocation flag  
           b .N/A (GQ)  
           0 .No  
           1 .Yes

FVEHP            1  
           Vehicles available allocation flag  
           b .N/A (GQ)  
           0 .No  
           1 .Yes

FWATP            1  
           Water (yearly cost) allocation flag  
           b .N/A (GQ)  
           0 .No  
           1 .Yes

FYBLP            1  
           When structure first built allocation flag  
           b .N/A (GQ)  
           0 .No  
           1 .Yes

WGTP1            5  
           Housing Weight replicate 1  
           -9999..09999 .Integer weight of housing unit

WGTP2            5  
           Housing Weight replicate 2  
           -9999..09999 .Integer weight of housing unit

WGTP3            5  
           Housing Weight replicate 3  
           -9999..09999 .Integer weight of housing unit

WGTP4            5  
           Housing Weight replicate 4  
           -9999..09999 .Integer weight of housing unit

WGTP5           5  
Housing Weight replicate 5  
-9999..09999 .Integer weight of housing unit

WGTP6           5  
Housing Weight replicate 6  
-9999..09999 .Integer weight of housing unit

WGTP7           5  
Housing Weight replicate 7  
-9999..09999 .Integer weight of housing unit

WGTP8           5  
Housing Weight replicate 8  
-9999..09999 .Integer weight of housing unit

WGTP9           5  
Housing Weight replicate 9  
-9999..09999 .Integer weight of housing unit

WGTP10          5  
Housing Weight replicate 10  
-9999..09999 .Integer weight of housing unit

WGTP11          5  
Housing Weight replicate 11  
-9999..09999 .Integer weight of housing unit

WGTP12          5  
Housing Weight replicate 12  
-9999..09999 .Integer weight of housing unit

WGTP13          5  
Housing Weight replicate 13  
-9999..09999 .Integer weight of housing unit

WGTP14          5  
Housing Weight replicate 14  
-9999..09999 .Integer weight of housing unit

WGTP15          5  
Housing Weight replicate 15  
-9999..09999 .Integer weight of housing unit

WGTP16          5  
Housing Weight replicate 16  
-9999..09999 .Integer weight of housing unit

WGTP17          5  
Housing Weight replicate 17  
-9999..09999 .Integer weight of housing unit

WGTP18           5  
    Housing Weight replicate 18  
    -9999..09999 .Integer weight of housing unit

WGTP19           5  
    Housing Weight replicate 19  
    -9999..09999 .Integer weight of housing unit

WGTP20           5  
    Housing Weight replicate 20  
    -9999..09999 .Integer weight of housing unit

WGTP21           5  
    Housing Weight replicate 21  
    -9999..09999 .Integer weight of housing unit

WGTP22           5  
    Housing Weight replicate 22  
    -9999..09999 .Integer weight of housing unit

WGTP23           5  
    Housing Weight replicate 23  
    -9999..09999 .Integer weight of housing unit

WGTP24           5  
    Housing Weight replicate 24  
    -9999..09999 .Integer weight of housing unit

WGTP25           5  
    Housing Weight replicate 25  
    -9999..09999 .Integer weight of housing unit

WGTP26           5  
    Housing Weight replicate 26  
    -9999..09999 .Integer weight of housing unit

WGTP27           5  
    Housing Weight replicate 27  
    -9999..09999 .Integer weight of housing unit

WGTP28           5  
    Housing Weight replicate 28  
    -9999..09999 .Integer weight of housing unit

WGTP29           5  
    Housing Weight replicate 29  
    -9999..09999 .Integer weight of housing unit

WGTP30           5  
    Housing Weight replicate 30  
    -9999..09999 .Integer weight of housing unit

WGTP31           5  
    Housing Weight replicate 31  
    -9999..09999 .Integer weight of housing unit

WGTP32           5  
    Housing Weight replicate 32  
    -9999..09999 .Integer weight of housing unit

WGTP33           5  
    Housing Weight replicate 33  
    -9999..09999 .Integer weight of housing unit

WGTP34           5  
    Housing Weight replicate 34  
    -9999..09999 .Integer weight of housing unit

WGTP35           5  
    Housing Weight replicate 35  
    -9999..09999 .Integer weight of housing unit

WGTP36           5  
    Housing Weight replicate 36  
    -9999..09999 .Integer weight of housing unit

WGTP37           5  
    Housing Weight replicate 37  
    -9999..09999 .Integer weight of housing unit

WGTP38           5  
    Housing Weight replicate 38  
    -9999..09999 .Integer weight of housing unit

WGTP39           5  
    Housing Weight replicate 39  
    -9999..09999 .Integer weight of housing unit

WGTP40           5  
    Housing Weight replicate 40  
    -9999..09999 .Integer weight of housing unit

WGTP41           5  
    Housing Weight replicate 41  
    -9999..09999 .Integer weight of housing unit

WGTP42           5  
    Housing Weight replicate 42  
    -9999..09999 .Integer weight of housing unit

WGTP43           5  
    Housing Weight replicate 43  
    -9999..09999 .Integer weight of housing unit

WGTP44           5  
    Housing Weight replicate 44  
    -9999..09999 .Integer weight of housing unit

WGTP45           5  
    Housing Weight replicate 45  
    -9999..09999 .Integer weight of housing unit

WGTP46           5  
    Housing Weight replicate 46  
    -9999..09999 .Integer weight of housing unit

WGTP47           5  
    Housing Weight replicate 47  
    -9999..09999 .Integer weight of housing unit

WGTP48           5  
    Housing Weight replicate 48  
    -9999..09999 .Integer weight of housing unit

WGTP49           5  
    Housing Weight replicate 49  
    -9999..09999 .Integer weight of housing unit

WGTP50           5  
    Housing Weight replicate 50  
    -9999..09999 .Integer weight of housing unit

WGTP51           5  
    Housing Weight replicate 51  
    -9999..09999 .Integer weight of housing unit

WGTP52           5  
    Housing Weight replicate 52  
    -9999..09999 .Integer weight of housing unit

WGTP53           5  
    Housing Weight replicate 53  
    -9999..09999 .Integer weight of housing unit

WGTP54           5  
    Housing Weight replicate 54  
    -9999..09999 .Integer weight of housing unit

WGTP55           5  
    Housing Weight replicate 55  
    -9999..09999 .Integer weight of housing unit

WGTP56           5  
    Housing Weight replicate 56  
    -9999..09999 .Integer weight of housing unit

WGTP57           5  
    Housing Weight replicate 57  
    -9999..09999 .Integer weight of housing unit

WGTP58           5  
    Housing Weight replicate 58  
    -9999..09999 .Integer weight of housing unit

WGTP59           5  
    Housing Weight replicate 59  
    -9999..09999 .Integer weight of housing unit

WGTP60           5  
    Housing Weight replicate 60  
    -9999..09999 .Integer weight of housing unit

WGTP61           5  
    Housing Weight replicate 61  
    -9999..09999 .Integer weight of housing unit

WGTP62           5  
    Housing Weight replicate 62  
    -9999..09999 .Integer weight of housing unit

WGTP63           5  
    Housing Weight replicate 63  
    -9999..09999 .Integer weight of housing unit

WGTP64           5  
    Housing Weight replicate 64  
    -9999..09999 .Integer weight of housing unit

WGTP65           5  
    Housing Weight replicate 65  
    -9999..09999 .Integer weight of housing unit

WGTP66           5  
    Housing Weight replicate 66  
    -9999..09999 .Integer weight of housing unit

WGTP67           5  
    Housing Weight replicate 67  
    -9999..09999 .Integer weight of housing unit

WGTP68           5  
    Housing Weight replicate 68  
    -9999..09999 .Integer weight of housing unit

WGTP69           5  
    Housing Weight replicate 69  
    -9999..09999 .Integer weight of housing unit

WGTP70           5  
    Housing Weight replicate 70  
    -9999..09999 .Integer weight of housing unit

WGTP71           5  
    Housing Weight replicate 71  
    -9999..09999 .Integer weight of housing unit

WGTP72           5  
    Housing Weight replicate 72  
    -9999..09999 .Integer weight of housing unit

WGTP73           5  
    Housing Weight replicate 73  
    -9999..09999 .Integer weight of housing unit

WGTP74           5  
    Housing Weight replicate 74  
    -9999..09999 .Integer weight of housing unit

WGTP75           5  
    Housing Weight replicate 75  
    -9999..09999 .Integer weight of housing unit

WGTP76           5  
    Housing Weight replicate 76  
    -9999..09999 .Integer weight of housing unit

WGTP77           5  
    Housing Weight replicate 77  
    -9999..09999 .Integer weight of housing unit

WGTP78           5  
    Housing Weight replicate 78  
    -9999..09999 .Integer weight of housing unit

WGTP79           5  
    Housing Weight replicate 79  
    -9999..09999 .Integer weight of housing unit

WGTP80           5  
    Housing Weight replicate 80  
    -9999..09999 .Integer weight of housing unit

PERSON RECORD

RT 1  
Record Type  
P .Person Record

SERIALNO 7  
Housing unit/GQ person serial number  
0000001..9999999 .Unique identifier

SPORDER 2  
Person number  
01..20 .Person number

PUMA 5  
Public use microdata area code (PUMA) based on 2010 Census definition  
00100..70301 .Public use microdata area codes

Note: Public use microdata areas (PUMAs) designate areas of 100,000 or more population. Use with ST for unique code.

ST 2  
State Code  
01 .Alabama/AL  
02 .Alaska/AK  
04 .Arizona/AZ  
05 .Arkansas/AR  
06 .California/CA  
08 .Colorado/CO  
09 .Connecticut/CT  
10 .Delaware/DE  
11 .District of Columbia/DC  
12 .Florida/FL  
13 .Georgia/GA  
15 .Hawaii/HI  
16 .Idaho/ID  
17 .Illinois/IL  
18 .Indiana/IN  
19 .Iowa/IA  
20 .Kansas/KS  
21 .Kentucky/KY  
22 .Louisiana/LA  
23 .Maine/ME  
24 .Maryland/MD  
25 .Massachusetts/MA  
26 .Michigan/MI  
27 .Minnesota/MN  
28 .Mississippi/MS  
29 .Missouri/MO  
30 .Montana/MT  
31 .Nebraska/NE  
32 .Nevada/NV  
33 .New Hampshire/NH  
34 .New Jersey/NJ



35 .New Mexico/NM  
 36 .New York/NY  
 37 .North Carolina/NC  
 38 .North Dakota/ND  
 39 .Ohio/OH  
 40 .Oklahoma/OK  
 41 .Oregon/OR  
 42 .Pennsylvania/PA  
 44 .Rhode Island/RI  
 45 .South Carolina/SC  
 46 .South Dakota/SD  
 47 .Tennessee/TN  
 48 .Texas/TX  
 49 .Utah/UT  
 50 .Vermont/VT  
 51 .Virginia/VA  
 53 .Washington/WA  
 54 .West Virginia/WV  
 55 .Wisconsin/WI  
 56 .Wyoming/WY  
 72 .Puerto Rico/PR

ADJINC 7  
 Adjustment factor for income and earnings dollar amounts (6 implied  
 decimal places)  
 1001264 .2015 factor (1.001264)

Note: The value of ADJINC inflation-adjusts reported income to 2015 dollars.  
 ADJINC applies to variables FINCP and HINCP in the housing record, and  
 variables INTP, OIP, PAP, PERNP, PINCP, RETP, SEMP, SSIP, SSP, and WAGP in  
 the person record.

PWGTP 5  
 Person's weight  
 00001..09999 .Integer weight of person

AGEP 2  
 Age  
 00 .Under 1 year  
 01..99 .1 to 99 years (Top-coded\*\*\*)

CIT 1  
 Citizenship status  
 1 .Born in the U.S.  
 2 .Born in Puerto Rico, Guam, the U.S. Virgin Islands,  
 .or the Northern Marianas  
 3 .Born abroad of American parent(s)  
 4 .U.S. citizen by naturalization  
 5 .Not a citizen of the U.S.

CITWP

4

Year of naturalization write-in

bbbb .Not eligible - not naturalized  
1928 .1928 or earlier (Bottom-coded)  
1929 .1929 - 1933  
1934 .1934 - 1939  
1940 .1940 - 1942  
1943 .1943 - 1944  
1945 .1945  
1946 .1946 - 1947  
1948 .1948  
1949 .1949  
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2007 .2007  
2008 .2008  
2009 .2009  
2010 .2010  
2011 .2011  
2012 .2012  
2013 .2013  
2014 .2014  
2015 .2015

COW

1  
Class of worker  
b .N/A (less than 16 years old/NILF who last  
.worked more than 5 years ago or never worked)  
1 .Employee of a private for-profit company or  
.business, or of an individual, for wages,  
.salary, or commissions  
2 .Employee of a private not-for-profit,  
.tax-exempt, or charitable organization  
3 .Local government employee (city, county, etc.)  
4 .State government employee  
5 .Federal government employee  
6 .Self-employed in own not incorporated  
.business, professional practice, or farm  
7 .Self-employed in own incorporated  
.business, professional practice or farm  
8 .Working without pay in family business or farm  
9 .Unemployed and last worked 5 years ago or earlier or never  
.worked

DDRS

1  
Self-care difficulty  
b .N/A (Less than 5 years old)  
1 .Yes  
2 .No

DEAR

1  
Hearing difficulty  
1 .Yes

2 .No

DEYE 1  
Vision difficulty  
1 .Yes  
2 .No

DOUT 1  
Independent living difficulty  
b .N/A (Less than 15 years old)  
1 .Yes  
2 .No

DPHY 1  
Ambulatory difficulty  
b .N/A (Less than 5 years old)  
1 .Yes  
2 .No

DRAT 1  
Veteran service connected disability rating (percentage)  
b .N/A (No service-connected disability/never served in military)  
1 .0 percent  
2 .10 or 20 percent  
3 .30 or 40 percent  
4 .50 or 60 percent  
5 .70, 80, 90, or 100 percent  
6 .Not reported

DRATX 1  
Veteran service connected disability rating (checkbox)  
b .N/A (Less than 17 years old/never served in military)  
1 .Yes  
2 .No

DREM 1  
Cognitive difficulty  
b .N/A (Less than 5 years old)  
1 .Yes  
2 .No

ENG 1  
Ability to speak English  
b .N/A (less than 5 years old/speaks only English)  
1 .Very well  
2 .Well  
3 .Not well  
4 .Not at all

FER 1  
Gave birth to child within the past 12 months  
b .N/A (less than 15 years/greater than 50 years/  
.male)  
1 .Yes

2 .No

GCL 1  
Grandparents living with grandchildren  
b .N/A (less than 30 years/institutional GQ)  
1 .Yes  
2 .No

GCM 1  
Length of time responsible for grandchildren  
b .N/A (less than 30 years/grandparent not responsible for  
.grandchild/institutional GQ)  
1 .Less than 6 months  
2 .6 to 11 months  
3 .1 or 2 years  
4 .3 or 4 years  
5 .5 or more years

GCR 1  
Grandparents responsible for grandchildren  
b .N/A (less than 30 years/institutional GQ/grandparent not  
.living with grandchild)  
1 .Yes  
2 .No

HINS1 1  
Insurance through a current or former employer or union  
1 .Yes  
2 .No

HINS2 1  
Insurance purchased directly from an insurance company  
1 .Yes  
2 .No

HINS3 1  
Medicare, for people 65 and older, or people with certain disabilities  
1 .Yes  
2 .No

HINS4 1  
Medicaid, Medical Assistance, or any kind of government-assistance plan  
for those with low incomes or a disability  
1 .Yes  
2 .No

HINS5 1  
TRICARE or other military health care  
1 .Yes  
2 .No

HINS6 1  
VA (including those who have ever used or enrolled for VA health care)  
1 .Yes

2 .No

HINS7 1  
 Indian Health Service  
 1 .Yes  
 2 .No

INTP 6  
 Interest, dividends, and net rental income past 12 months (signed)  
 bbbbbb .N/A (less than 15 years old)  
 000000 .None  
 -09999..-00001 .Loss of \$1 to \$9999 (Rounded and bottom-coded)  
 000001 .\$.1 or break even  
 000002..999999 .\$.2 to \$999999 (Rounded and top-coded)

Note: Use ADJINC to adjust INTP to constant dollars.

JWMNP 3  
 Travel time to work  
 bbb .N/A (not a worker or worker who worked at  
 .home)  
 001..200 .1 to 200 minutes to get to work (Top-coded)

JWRIP 2  
 Vehicle occupancy  
 bb .N/A (not a worker or worker whose means of  
 .transportation to work was not car, truck,  
 .or van)  
 01 .Drove alone  
 02 .In 2-person carpool  
 03 .In 3-person carpool  
 04 .In 4-person carpool  
 05 .In 5-person carpool  
 06 .In 6-person carpool  
 07 .In 7-person carpool  
 08 .In 8-person carpool  
 09 .In 9-person carpool  
 10 .In 10-person or more carpool (Top-coded)

JWTR 2  
Means of transportation to work  
bb .N/A (not a worker--not in the labor force,  
.including persons under 16 years; unemployed;  
.employed, with a job but not at work; Armed  
.Forces, with a job but not at work)  
01 .Car, truck, or van  
02 .Bus or trolley bus  
03 .Streetcar or trolley car (carro publico in Puerto Rico)  
04 .Subway or elevated  
05 .Railroad  
06 .Ferryboat  
07 .Taxicab  
08 .Motorcycle  
09 .Bicycle  
10 .Walked  
11 .Worked at home  
12 .Other method

LANX 1  
Language other than English spoken at home  
b .N/A (less than 5 years old)  
1 .Yes, speaks another language  
2 .No, speaks only English

MAR 1  
Marital status  
1 .Married  
2 .Widowed  
3 .Divorced  
4 .Separated  
5 .Never married or under 15 years old

MARHD 1  
Divorced in the past 12 months  
b .N/A (age less than 15 years; never married)  
1 .Yes  
2 .No

MARHM 1  
Married in the past 12 months  
b .N/A (age less than 15 years; never married)  
1 .Yes  
2 .No

MARHT 1  
Number of times married  
b .N/A (age less than 15 years; never married)  
1 .One time  
2 .Two times  
3 .Three or more times

MARHW 1  
Widowed in the past 12 months  
b .N/A (age less than 15 years; never married)  
1 .Yes  
2 .No

MARHYP 4  
Year last married  
bbbb .N/A (age less than 15 years; never married)  
1932 .1932 or earlier (Bottom-coded)  
1933 .1933  
1934 .1934  
1935 .1935  
1936 .1936  
1937 .1937  
1938 .1938  
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2007 .2007  
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2009 .2009  
2010 .2010  
2011 .2011  
2012 .2012  
2013 .2013  
2014 .2014  
2015 .2015

MIG 1  
Mobility status (lived here 1 year ago)  
b .N/A (less than 1 year old)  
1 .Yes, same house (nonmovers)  
2 .No, outside US and Puerto Rico  
3 .No, different house in US or Puerto Rico

MIL 1  
Military service  
b .N/A (less than 17 years old)  
1 .Now on active duty  
2 .On active duty in the past, but not now  
3 .Only on active duty for training in Reserves/National Guard  
4 .Never served in the military

MLPA 1  
 Served September 2001 or later  
 b .N/A (less than 17 years old/no active duty)  
 0 .Did not serve this period  
 1 .Served this period

MLPB 1  
 Served August 1990 - August 2001 (including Persian Gulf War)  
 b .N/A (less than 17 years old/no active duty)  
 0 .Did not serve this period  
 1 .Served this period

MLPCD 1  
 Served May 1975 - July 1990  
 b .N/A (less than 17 years old/no active duty)  
 0 .Did not serve this period  
 1 .Served this period

MLPE 1  
 Served Vietnam era (August 1964 - April 1975)  
 b .N/A (less than 17 years old/no active duty)  
 0 .Did not serve this period  
 1 .Served this period

MLPFG 1  
 Served February 1955 - July 1964  
 b .N/A (less than 17 years old/no active duty)  
 0 .Did not serve this period  
 1 .Served this period

MLPH 1  
 Served Korean War (July 1950 - January 1955)  
 b .N/A (less than 17 years old/no active duty)  
 0 .Did not serve this period  
 1 .Served this period

MLPI 1  
 Served January 1947 - June 1950  
 b .N/A (less than 17 years old/no active duty)  
 0 .Did not serve this period  
 1 .Served this period

MLPJ 1  
 Served World War II (December 1941 - December 1946)  
 b .N/A (less than 17 years old/no active duty)  
 0 .Did not serve this period  
 1 .Served this period

MLPK 1  
 Served November 1941 or earlier  
 b .N/A (less than 17 years old/no active duty)  
 0 .Did not serve this period  
 1 .Served this period

NWAB 1 (UNEDITED - See "Employment Status Recode" (ESR))  
Temporary absence from work  
b .N/A (less than 16 years old/at work/on layoff)  
1 .Yes  
2 .No  
3 .Did not report

NWAV 1 (UNEDITED - See "Employment Status Recode" (ESR))  
Available for work  
b .N/A (less than 16 years/at work/not looking)  
1 .Yes  
2 .No, temporarily ill  
3 .No, other reasons  
4 .No, unspecified  
5 .Did not report

NWLA 1 (UNEDITED - See "Employment Status Recode" (ESR))  
On layoff from work  
b .N/A (less than 16 years old/at work)  
1 .Yes  
2 .No  
3 .Did not report

NWLK 1 (UNEDITED - See "Employment Status Recode" (ESR))  
Looking for work  
b .N/A (less than 16 years old/at work/temporarily  
.absent/informed of recall)  
1 .Yes  
2 .No  
3 .Did not report

NWRE 1 (UNEDITED - See "Employment Status Recode" (ESR))  
Informed of recall  
b .N/A (less than 16 years old/at work/not on layoff)  
1 .Yes  
2 .No  
3 .Did not report

OIP 6  
All other income past 12 months  
bbbbbb .N/A (less than 15 years old)  
000000 .None  
000001..999999 .\$.1 to \$999999 (Rounded and top-coded)

Note: Use ADJINC to adjust OIP to constant dollars.

PAP 5  
Public assistance income past 12 months  
bbbbbb .N/A (less than 15 years old)  
000000 .None  
000001..999999 .\$.1 to \$99999 (Rounded)

Note: Use ADJINC to adjust PAP to constant dollars.

REL P            2  
 Relationship  
 00 .Reference person  
 01 .Husband/wife  
 02 .Biological son or daughter  
 03 .Adopted son or daughter  
 04 .Stepson or stepdaughter  
 05 .Brother or sister  
 06 .Father or mother  
 07 .Grandchild  
 08 .Parent-in-law  
 09 .Son-in-law or daughter-in-law  
 10 .Other relative  
 11 .Roomer or boarder  
 12 .Housemate or roommate  
 13 .Unmarried partner  
 14 .Foster child  
 15 .Other nonrelative  
 16 .Institutionalized group quarters population  
 17 .Noninstitutionalized group quarters population

RETP            6  
 Retirement income past 12 months  
 bbbbbb            .N/A (less than 15 years old)  
 000000            .None  
 000001..999999    .\$1 to \$999999 (Rounded and top-coded)

Note: Use ADJINC to adjust RETP to constant dollars.

SCH            1  
 School enrollment  
 b .N/A (less than 3 years old)  
 1 .No, has not attended in the last 3 months  
 2 .Yes, public school or public college  
 3 .Yes, private school or college or home school

SCHG 2  
Grade level attending  
bb .N/A (not attending school)  
01 .Nursery school/preschool  
02 .Kindergarten  
03 .Grade 1  
04 .Grade 2  
05 .Grade 3  
06 .Grade 4  
07 .Grade 5  
08 .Grade 6  
09 .Grade 7  
10 .Grade 8  
11 .Grade 9  
12 .Grade 10  
13 .Grade 11  
14 .Grade 12  
15 .College undergraduate years (freshman to senior)  
16 .Graduate or professional school beyond a bachelor's degree

SCHL 2  
Educational attainment  
bb .N/A (less than 3 years old)  
01 .No schooling completed  
02 .Nursery school, preschool  
03 .Kindergarten  
04 .Grade 1  
05 .Grade 2  
06 .Grade 3  
07 .Grade 4  
08 .Grade 5  
09 .Grade 6  
10 .Grade 7  
11 .Grade 8  
12 .Grade 9  
13 .Grade 10  
14 .Grade 11  
15 .12th grade - no diploma  
16 .Regular high school diploma  
17 .GED or alternative credential  
18 .Some college, but less than 1 year  
19 .1 or more years of college credit, no degree  
20 .Associate's degree  
21 .Bachelor's degree  
22 .Master's degree  
23 .Professional degree beyond a bachelor's degree  
24 .Doctorate degree

SEMP            6  
 Self-employment income past 12 months (signed)  
       bbbbbb            .N/A (less than 15 years old)  
       000000            .None  
       -10000..-00001    .Loss of \$1 to \$10000 (Rounded and bottom-coded)  
       000001            . \$1 or break even  
       000002..999999    . \$2 to \$999999 (Rounded and top-coded)

Note: Use ADJINC to adjust SEMP to constant dollars.

SEX            1  
 Sex  
       1 .Male  
       2 .Female

SSIP           5  
 Supplementary Security Income past 12 months  
       bbbbbb            .N/A (less than 15 years old)  
       000000            .None  
       00001..999999    . \$1 to \$99999 (Rounded)

Note: Use ADJINC to adjust SSIP to constant dollars.

SSP            5  
 Social Security income past 12 months  
       bbbbbb            .N/A (less than 15 years old)  
       000000            .None  
       00001..999999    . \$1 to \$99999 (Rounded)

Note: Use ADJINC to adjust SSP to constant dollars.

WAGP           6  
 Wages or salary income past 12 months  
       bbbbbb            .N/A (less than 15 years old)  
       000000            .None  
       000001..999999    . \$1 to 999999 (Rounded and top-coded)

Note: Use ADJINC to adjust WAGP to constant dollars.

WKHP           2  
 Usual hours worked per week past 12 months  
       bb            .N/A (less than 16 years old/did not work  
                           .during the past 12 months)  
       01..98    .1 to 98 usual hours  
       99            .99 or more usual hours

WKL            1  
 When last worked  
       b .N/A (less than 16 years old)  
       1 .Within the past 12 months  
       2 .1-5 years ago  
       3 .Over 5 years ago or never worked

WKW 1  
 Weeks worked during past 12 months  
 b .N/A (less than 16 years old/did not work  
 .during the past 12 months)  
 1 .50 to 52 weeks worked during past 12 months  
 2 .48 to 49 weeks worked during past 12 months  
 3 .40 to 47 weeks worked during past 12 months  
 4 .27 to 39 weeks worked during past 12 months  
 5 .14 to 26 weeks worked during past 12 months  
 6 .less than 14 weeks worked during past 12 months

WRK 1  
 Worked last week  
 b .N/A (not reported)  
 1 .Worked  
 2 .Did not work

YOEP 4  
 Year of entry  
 bbbb .Not eligible - Born in the US  
 1921 .1921 or earlier (Bottom-coded)  
 1922 .1922 - 1923  
 1924 .1924 - 1925  
 1926 .1926 - 1927  
 1928 .1928 - 1929  
 1930 .1930 - 1931  
 1932 .1932 - 1934  
 1935 .1935 - 1936  
 1937 .1937 - 1938  
 1939 .1939  
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 1941 .1941  
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 1943 .1943 - 1944  
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2014 .2014  
2015 .2015



ANC 1  
 Ancestry recode  
 1 .Single  
 2 .Multiple  
 3 .Unclassified  
 4 .Not reported

ANC1P 3  
 Recoded Detailed Ancestry - first entry  
 001 .Alsatian  
 003 .Austrian  
 005 .Basque  
 008 .Belgian  
 009 .Flemish  
 011 .British  
 012 .British Isles  
 020 .Danish  
 021 .Dutch  
 022 .English  
 024 .Finnish  
 026 .French  
 032 .German  
 040 .Prussian  
 046 .Greek  
 049 .Icelander  
 050 .Irish  
 051 .Italian  
 068 .Sicilian  
 077 .Luxemburger  
 078 .Maltese  
 082 .Norwegian  
 084 .Portuguese  
 087 .Scotch Irish  
 088 .Scottish  
 089 .Swedish  
 091 .Swiss  
 094 .Irish Scotch  
 097 .Welsh  
 098 .Scandinavian  
 099 .Celtic  
 100 .Albanian  
 102 .Belorussian  
 103 .Bulgarian  
 109 .Croatian  
 111 .Czech  
 112 .Bohemian  
 114 .Czechoslovakian  
 115 .Estonian  
 122 .German Russian  
 124 .Rom  
 125 .Hungarian  
 128 .Latvian  
 129 .Lithuanian  
 130 .Macedonian

131 .Montenegrin  
142 .Polish  
144 .Romanian  
146 .Moldavian  
148 .Russian  
152 .Serbian  
153 .Slovak  
154 .Slovene  
168 .Turkeستاني  
169 .Uzbek  
170 .Georgia CIS  
171 .Ukrainian  
176 .Yugoslavian  
177 .Bosnian and Herzegovinian  
178 .Slavic  
179 .Slavonian  
181 .Central European  
183 .Northern European  
185 .Southern European  
187 .Western European  
190 .Eastern European  
194 .Germanic  
195 .European  
200 .Spaniard  
210 .Mexican  
211 .Mexican American  
212 .Mexicano  
213 .Chicano  
215 .Mexican American Indian  
218 .Mexican State  
219 .Mexican Indian  
221 .Costa Rican  
222 .Guatemalan  
223 .Honduran  
224 .Nicaraguan  
225 .Panamanian  
226 .Salvadoran  
227 .Central American  
231 .Argentinean  
232 .Bolivian  
233 .Chilean  
234 .Colombian  
235 .Ecuadorian  
236 .Paraguayan  
237 .Peruvian  
238 .Uruguayan  
239 .Venezuelan  
249 .South American  
250 .Latin American  
251 .Latin  
252 .Latino  
261 .Puerto Rican  
271 .Cuban  
275 .Dominican

290 .Hispanic  
291 .Spanish  
295 .Spanish American  
300 .Bahamian  
301 .Barbadian  
302 .Belizean  
308 .Jamaican  
310 .Dutch West Indian  
314 .Trinidadian Tobagonian  
322 .British West Indian  
325 .Antigua and Barbuda  
329 .Grenadian  
330 .Vincent-Grenadine Islander  
331 .St Lucia Islander  
335 .West Indian  
336 .Haitian  
359 .Other West Indian  
360 .Brazilian  
370 .Guyanese  
400 .Algerian  
402 .Egyptian  
406 .Moroccan  
411 .North African  
416 .Iranian  
417 .Iraqi  
419 .Israeli  
421 .Jordanian  
425 .Lebanese  
427 .Saudi Arabian  
429 .Syrian  
431 .Armenian  
434 .Turkish  
435 .Yemeni  
442 .Kurdish  
465 .Palestinian  
483 .Assyrian  
484 .Chaldean  
490 .Mideast  
495 .Arab  
496 .Arabic  
499 .Other Arab  
508 .Cameroonian  
510 .Cape Verdean  
515 .Congolese  
522 .Ethiopian  
523 .Eritrean  
529 .Ghanaian  
534 .Kenyan  
541 .Liberian  
553 .Nigerian  
564 .Senegalese  
566 .Sierra Leonean  
568 .Somali  
570 .South African

576 .Sudanese  
587 .Other Subsaharan African  
588 .Ugandan  
598 .Western African  
599 .African  
600 .Afghan  
603 .Bangladeshi  
607 .Bhutanese  
609 .Nepali  
615 .Asian Indian  
618 .Bengali  
620 .East Indian  
650 .Punjabi  
680 .Pakistani  
690 .Sri Lankan  
700 .Burmese  
703 .Cambodian  
706 .Chinese  
707 .Cantonese  
712 .Mongolian  
714 .Tibetan  
720 .Filipino  
730 .Indonesian  
740 .Japanese  
748 .Okinawan  
750 .Korean  
765 .Laotian  
768 .Hmong  
770 .Malaysian  
776 .Thai  
782 .Taiwanese  
785 .Vietnamese  
793 .Eurasian  
795 .Asian  
799 .Other Asian  
800 .Australian  
803 .New Zealander  
808 .Polynesian  
811 .Hawaiian  
814 .Samoan  
815 .Tongan  
820 .Micronesian  
821 .Guamanian  
822 .Chamorro  
825 .Marshallese  
841 .Fijian  
850 .Pacific Islander  
899 .Other Pacific  
900 .Afro American  
901 .Afro  
902 .African American  
903 .Black  
904 .Negro  
907 .Creole

913 .Central American Indian  
914 .South American Indian  
917 .Native American  
918 .Indian  
919 .Cherokee  
920 .American Indian  
921 .Aleut  
922 .Eskimo  
924 .White  
925 .Anglo  
927 .Appalachian  
929 .Pennsylvania German  
931 .Canadian  
935 .French Canadian  
937 .Cajun  
939 .American  
940 .United States  
983 .Texas  
994 .North American  
995 .Mixture  
996 .Uncodable entries  
997 .Other groups  
998 .Other responses  
999 .Not reported

ANC2P

3

Recoded Detailed Ancestry - second entry

001 .Alsatian  
003 .Austrian  
005 .Basque  
008 .Belgian  
009 .Flemish  
011 .British  
012 .British Isles  
020 .Danish  
021 .Dutch  
022 .English  
024 .Finnish  
026 .French  
032 .German  
040 .Prussian  
046 .Greek  
049 .Icelander  
050 .Irish  
051 .Italian  
068 .Sicilian  
077 .Luxemburger  
078 .Maltese  
082 .Norwegian  
084 .Portuguese  
087 .Scotch Irish  
088 .Scottish  
089 .Swedish  
091 .Swiss

094 .Irish Scotch  
097 .Welsh  
098 .Scandinavian  
099 .Celtic  
100 .Albanian  
102 .Belorussian  
103 .Bulgarian  
109 .Croatian  
111 .Czech  
112 .Bohemian  
114 .Czechoslovakian  
115 .Estonian  
122 .German Russian  
124 .Rom  
125 .Hungarian  
128 .Latvian  
129 .Lithuanian  
130 .Macedonian  
131 .Montenegrin  
142 .Polish  
144 .Romanian  
146 .Moldavian  
148 .Russian  
152 .Serbian  
153 .Slovak  
154 .Slovene  
168 .Turkestanti  
169 .Uzbek  
170 .Georgia CIS  
171 .Ukrainian  
176 .Yugoslavian  
177 .Bosnian and Herzegovinian  
178 .Slavic  
179 .Slavonian  
181 .Central European  
183 .Northern European  
185 .Southern European  
187 .Western European  
190 .Eastern European  
194 .Germanic  
195 .European  
200 .Spaniard  
210 .Mexican  
211 .Mexican American  
212 .Mexicano  
213 .Chicano  
215 .Mexican American Indian  
218 .Mexican State  
219 .Mexican Indian  
221 .Costa Rican  
222 .Guatemalan  
223 .Honduran  
224 .Nicaraguan  
225 .Panamanian

226 .Salvadoran  
227 .Central American  
231 .Argentinean  
232 .Bolivian  
233 .Chilean  
234 .Colombian  
235 .Ecuadorian  
236 .Paraguayan  
237 .Peruvian  
238 .Uruguayan  
239 .Venezuelan  
249 .South American  
250 .Latin American  
251 .Latin  
252 .Latino  
261 .Puerto Rican  
271 .Cuban  
275 .Dominican  
290 .Hispanic  
291 .Spanish  
295 .Spanish American  
300 .Bahamian  
301 .Barbadian  
302 .Belizean  
308 .Jamaican  
310 .Dutch West Indian  
314 .Trinidadian Tobagonian  
322 .British West Indian  
325 .Antigua and Barbuda  
329 .Grenadian  
330 .Vincent-Grenadine Islander  
331 .St Lucia Islander  
335 .West Indian  
336 .Haitian  
359 .Other West Indian  
360 .Brazilian  
370 .Guyanese  
400 .Algerian  
402 .Egyptian  
406 .Moroccan  
411 .North African  
416 .Iranian  
417 .Iraqi  
419 .Israeli  
421 .Jordanian  
425 .Lebanese  
427 .Saudi Arabian  
429 .Syrian  
431 .Armenian  
434 .Turkish  
435 .Yemeni  
442 .Kurdish  
465 .Palestinian  
483 .Assyrian

484 .Chaldean  
490 .Mideast  
495 .Arab  
496 .Arabic  
499 .Other Arab  
508 .Cameroonian  
510 .Cape Verdean  
515 .Congolese  
522 .Ethiopian  
523 .Eritrean  
529 .Ghanaian  
534 .Kenyan  
541 .Liberian  
553 .Nigerian  
564 .Senegalese  
566 .Sierra Leonean  
568 .Somali  
570 .South African  
576 .Sudanese  
587 .Other Subsaharan African  
588 .Ugandan  
598 .Western African  
599 .African  
600 .Afghan  
603 .Bangladeshi  
607 .Bhutanese  
609 .Nepali  
615 .Asian Indian  
618 .Bengali  
620 .East Indian  
650 .Punjabi  
680 .Pakistani  
690 .Sri Lankan  
700 .Burmese  
703 .Cambodian  
706 .Chinese  
707 .Cantonese  
712 .Mongolian  
714 .Tibetan  
720 .Filipino  
730 .Indonesian  
740 .Japanese  
748 .Okinawan  
750 .Korean  
765 .Laotian  
768 .Hmong  
770 .Malaysian  
776 .Thai  
782 .Taiwanese  
785 .Vietnamese  
793 .Eurasian  
795 .Asian  
799 .Other Asian  
800 .Australian



803 .New Zealander  
 808 .Polynesian  
 811 .Hawaiian  
 814 .Samoan  
 815 .Tongan  
 820 .Micronesian  
 821 .Guamanian  
 822 .Chamorro  
 825 .Marshallese  
 841 .Fijian  
 850 .Pacific Islander  
 899 .Other Pacific  
 900 .Afro American  
 901 .Afro  
 902 .African American  
 903 .Black  
 904 .Negro  
 907 .Creole  
 913 .Central American Indian  
 914 .South American Indian  
 917 .Native American  
 918 .Indian  
 919 .Cherokee  
 920 .American Indian  
 921 .Aleut  
 922 .Eskimo  
 924 .White  
 925 .Anglo  
 927 .Appalachian  
 929 .Pennsylvania German  
 931 .Canadian  
 935 .French Canadian  
 937 .Cajun  
 939 .American  
 940 .United States  
 983 .Texas  
 994 .North American  
 995 .Mixture  
 996 .Uncodable entries  
 997 .Other groups  
 998 .Other responses  
 999 .Not reported

DECADE 1  
 Decade of entry  
 b .N/A (Born in the US)  
 1 .Before 1950  
 2 .1950 - 1959  
 3 .1960 - 1969  
 4 .1970 - 1979  
 5 .1980 - 1989  
 6 .1990 - 1999  
 7 .2000 or later

DIS 1  
 Disability recode  
 1 .With a disability  
 2 .Without a disability

DRIVESP 1  
 Number of vehicles calculated from JWRI  
 b .N/A (Nonworker or worker who does not drive to work)  
 1 .1.000 vehicles (Drove alone)  
 2 .0.500 vehicles (In a 2-person carpool)  
 3 .0.333 vehicles (In a 3-person carpool)  
 4 .0.250 vehicles (In a 4-person carpool)  
 5 .0.200 vehicles (In a 5- or 6-person carpool)  
 6 .0.143 vehicles (In a 7-or-more person carpool)

ESP 1  
 Employment status of parents  
 b .N/A (not own child of householder, and not  
 .child in subfamily)  
 .Living with two parents:  
 1 .Both parents in labor force  
 2 .Father only in labor force  
 3 .Mother only in labor force  
 4 .Neither parent in labor force  
 .Living with one parent:  
 .Living with father:  
 5 .Father in the labor force  
 6 .Father not in labor force  
 .Living with mother:  
 7 .Mother in the labor force  
 8 .Mother not in labor force

ESR 1  
 Employment status recode  
 b .N/A (less than 16 years old)  
 1 .Civilian employed, at work  
 2 .Civilian employed, with a job but not at work  
 3 .Unemployed  
 4 .Armed forces, at work  
 5 .Armed forces, with a job but not at work  
 6 .Not in labor force

FOD1P 4  
 Recoded field of degree - first entry  
 bbbb .N/A (less than bachelor's degree)  
 1100 .GENERAL AGRICULTURE  
 1101 .AGRICULTURE PRODUCTION AND MANAGEMENT  
 1102 .AGRICULTURAL ECONOMICS  
 1103 .ANIMAL SCIENCES  
 1104 .FOOD SCIENCE  
 1105 .PLANT SCIENCE AND AGRONOMY  
 1106 .SOIL SCIENCE  
 1199 .MISCELLANEOUS AGRICULTURE  
 1301 .ENVIRONMENTAL SCIENCE

1302 .FORESTRY  
1303 .NATURAL RESOURCES MANAGEMENT  
1401 .ARCHITECTURE  
1501 .AREA ETHNIC AND CIVILIZATION STUDIES  
1901 .COMMUNICATIONS  
1902 .JOURNALISM  
1903 .MASS MEDIA  
1904 .ADVERTISING AND PUBLIC RELATIONS  
2001 .COMMUNICATION TECHNOLOGIES  
2100 .COMPUTER AND INFORMATION SYSTEMS  
2101 .COMPUTER PROGRAMMING AND DATA PROCESSING  
2102 .COMPUTER SCIENCE  
2105 .INFORMATION SCIENCES  
2106 .COMPUTER ADMINISTRATION MANAGEMENT AND SECURITY  
2107 .COMPUTER NETWORKING AND TELECOMMUNICATIONS  
2201 .COSMETOLOGY SERVICES AND CULINARY ARTS  
2300 .GENERAL EDUCATION  
2301 .EDUCATIONAL ADMINISTRATION AND SUPERVISION  
2303 .SCHOOL STUDENT COUNSELING  
2304 .ELEMENTARY EDUCATION  
2305 .MATHEMATICS TEACHER EDUCATION  
2306 .PHYSICAL AND HEALTH EDUCATION TEACHING  
2307 .EARLY CHILDHOOD EDUCATION  
2308 .SCIENCE AND COMPUTER TEACHER EDUCATION  
2309 .SECONDARY TEACHER EDUCATION  
2310 .SPECIAL NEEDS EDUCATION  
2311 .SOCIAL SCIENCE OR HISTORY TEACHER EDUCATION  
2312 .TEACHER EDUCATION: MULTIPLE LEVELS  
2313 .LANGUAGE AND DRAMA EDUCATION  
2314 .ART AND MUSIC EDUCATION  
2399 .MISCELLANEOUS EDUCATION  
2400 .GENERAL ENGINEERING  
2401 .AEROSPACE ENGINEERING  
2402 .BIOLOGICAL ENGINEERING  
2403 .ARCHITECTURAL ENGINEERING  
2404 .BIOMEDICAL ENGINEERING  
2405 .CHEMICAL ENGINEERING  
2406 .CIVIL ENGINEERING  
2407 .COMPUTER ENGINEERING  
2408 .ELECTRICAL ENGINEERING  
2409 .ENGINEERING MECHANICS PHYSICS AND SCIENCE  
2410 .ENVIRONMENTAL ENGINEERING  
2411 .GEOLOGICAL AND GEOPHYSICAL ENGINEERING  
2412 .INDUSTRIAL AND MANUFACTURING ENGINEERING  
2413 .MATERIALS ENGINEERING AND MATERIALS SCIENCE  
2414 .MECHANICAL ENGINEERING  
2415 .METALLURGICAL ENGINEERING  
2416 .MINING AND MINERAL ENGINEERING  
2417 .NAVAL ARCHITECTURE AND MARINE ENGINEERING  
2418 .NUCLEAR ENGINEERING  
2419 .PETROLEUM ENGINEERING  
2499 .MISCELLANEOUS ENGINEERING  
2500 .ENGINEERING TECHNOLOGIES  
2501 .ENGINEERING AND INDUSTRIAL MANAGEMENT

2502 .ELECTRICAL ENGINEERING TECHNOLOGY  
 2503 .INDUSTRIAL PRODUCTION TECHNOLOGIES  
 2504 .MECHANICAL ENGINEERING RELATED TECHNOLOGIES  
 2599 .MISCELLANEOUS ENGINEERING TECHNOLOGIES  
 2601 .LINGUISTICS AND COMPARATIVE LANGUAGE AND LITERATURE  
 2602 .FRENCH GERMAN LATIN AND OTHER COMMON FOREIGN LANGUAGE  
 .STUDIES  
 2603 .OTHER FOREIGN LANGUAGES  
 2901 .FAMILY AND CONSUMER SCIENCES  
 3201 .COURT REPORTING  
 3202 .PRE-LAW AND LEGAL STUDIES  
 3301 .ENGLISH LANGUAGE AND LITERATURE  
 3302 .COMPOSITION AND RHETORIC  
 3401 .LIBERAL ARTS  
 3402 .HUMANITIES  
 3501 .LIBRARY SCIENCE  
 3600 .BIOLOGY  
 3601 .BIOCHEMICAL SCIENCES  
 3602 .BOTANY  
 3603 .MOLECULAR BIOLOGY  
 3604 .ECOLOGY  
 3605 .GENETICS  
 3606 .MICROBIOLOGY  
 3607 .PHARMACOLOGY  
 3608 .PHYSIOLOGY  
 3609 .ZOOLOGY  
 3611 .NEUROSCIENCE  
 3699 .MISCELLANEOUS BIOLOGY  
 3700 .MATHEMATICS  
 3701 .APPLIED MATHEMATICS  
 3702 .STATISTICS AND DECISION SCIENCE  
 3801 .MILITARY TECHNOLOGIES  
 4000 .MULTI/INTERDISCIPLINARY STUDIES  
 4001 .INTERCULTURAL AND INTERNATIONAL STUDIES  
 4002 .NUTRITION SCIENCES  
 4005 .MATHEMATICS AND COMPUTER SCIENCE  
 4006 .COGNITIVE SCIENCE AND BIOPSYCHOLOGY  
 4007 .INTERDISCIPLINARY SOCIAL SCIENCES  
 4101 .PHYSICAL FITNESS PARKS RECREATION AND LEISURE  
 4801 .PHILOSOPHY AND RELIGIOUS STUDIES  
 4901 .THEOLOGY AND RELIGIOUS VOCATIONS  
 5000 .PHYSICAL SCIENCES  
 5001 .ASTRONOMY AND ASTROPHYSICS  
 5002 .ATMOSPHERIC SCIENCES AND METEOROLOGY  
 5003 .CHEMISTRY  
 5004 .GEOLOGY AND EARTH SCIENCE  
 5005 .GEOSCIENCES  
 5006 .OCEANOGRAPHY  
 5007 .PHYSICS  
 5008 .MATERIALS SCIENCE  
 5098 .MULTI-DISCIPLINARY OR GENERAL SCIENCE  
 5102 .NUCLEAR, INDUSTRIAL RADIOLOGY, AND BIOLOGICAL TECHNOLOGIES  
 5200 .PSYCHOLOGY  
 5201 .EDUCATIONAL PSYCHOLOGY

5202 .CLINICAL PSYCHOLOGY  
5203 .COUNSELING PSYCHOLOGY  
5205 .INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY  
5206 .SOCIAL PSYCHOLOGY  
5299 .MISCELLANEOUS PSYCHOLOGY  
5301 .CRIMINAL JUSTICE AND FIRE PROTECTION  
5401 .PUBLIC ADMINISTRATION  
5402 .PUBLIC POLICY  
5403 .HUMAN SERVICES AND COMMUNITY ORGANIZATION  
5404 .SOCIAL WORK  
5500 .GENERAL SOCIAL SCIENCES  
5501 .ECONOMICS  
5502 .ANTHROPOLOGY AND ARCHEOLOGY  
5503 .CRIMINOLOGY  
5504 .GEOGRAPHY  
5505 .INTERNATIONAL RELATIONS  
5506 .POLITICAL SCIENCE AND GOVERNMENT  
5507 .SOCIOLOGY  
5599 .MISCELLANEOUS SOCIAL SCIENCES  
5601 .CONSTRUCTION SERVICES  
5701 .ELECTRICAL, MECHANICAL, AND PRECISION TECHNOLOGIES AND  
.PRODUCTION  
5901 .TRANSPORTATION SCIENCES AND TECHNOLOGIES  
6000 .FINE ARTS  
6001 .DRAMA AND THEATER ARTS  
6002 .MUSIC  
6003 .VISUAL AND PERFORMING ARTS  
6004 .COMMERCIAL ART AND GRAPHIC DESIGN  
6005 .FILM VIDEO AND PHOTOGRAPHIC ARTS  
6006 .ART HISTORY AND CRITICISM  
6007 .STUDIO ARTS  
6099 .MISCELLANEOUS FINE ARTS  
6100 .GENERAL MEDICAL AND HEALTH SERVICES  
6102 .COMMUNICATION DISORDERS SCIENCES AND SERVICES  
6103 .HEALTH AND MEDICAL ADMINISTRATIVE SERVICES  
6104 .MEDICAL ASSISTING SERVICES  
6105 .MEDICAL TECHNOLOGIES TECHNICIANS  
6106 .HEALTH AND MEDICAL PREPARATORY PROGRAMS  
6107 .NURSING  
6108 .PHARMACY PHARMACEUTICAL SCIENCES AND ADMINISTRATION  
6109 .TREATMENT THERAPY PROFESSIONS  
6110 .COMMUNITY AND PUBLIC HEALTH  
6199 .MISCELLANEOUS HEALTH MEDICAL PROFESSIONS  
6200 .GENERAL BUSINESS  
6201 .ACCOUNTING  
6202 .ACTUARIAL SCIENCE  
6203 .BUSINESS MANAGEMENT AND ADMINISTRATION  
6204 .OPERATIONS LOGISTICS AND E-COMMERCE  
6205 .BUSINESS ECONOMICS  
6206 .MARKETING AND MARKETING RESEARCH  
6207 .FINANCE  
6209 .HUMAN RESOURCES AND PERSONNEL MANAGEMENT  
6210 .INTERNATIONAL BUSINESS  
6211 .HOSPITALITY MANAGEMENT

6212 .MANAGEMENT INFORMATION SYSTEMS AND STATISTICS  
6299 .MISCELLANEOUS BUSINESS & MEDICAL ADMINISTRATION  
6402 .HISTORY  
6403 .UNITED STATES HISTORY

FOD2P

4

Recoded field of degree - second entry

bbbb .N/A (less than bachelor's degree)  
1100 .GENERAL AGRICULTURE  
1101 .AGRICULTURE PRODUCTION AND MANAGEMENT  
1102 .AGRICULTURAL ECONOMICS  
1103 .ANIMAL SCIENCES  
1104 .FOOD SCIENCE  
1105 .PLANT SCIENCE AND AGRONOMY  
1106 .SOIL SCIENCE  
1199 .MISCELLANEOUS AGRICULTURE  
1301 .ENVIRONMENTAL SCIENCE  
1302 .FORESTRY  
1303 .NATURAL RESOURCES MANAGEMENT  
1401 .ARCHITECTURE  
1501 .AREA ETHNIC AND CIVILIZATION STUDIES  
1901 .COMMUNICATIONS  
1902 .JOURNALISM  
1903 .MASS MEDIA  
1904 .ADVERTISING AND PUBLIC RELATIONS  
2001 .COMMUNICATION TECHNOLOGIES  
2100 .COMPUTER AND INFORMATION SYSTEMS  
2101 .COMPUTER PROGRAMMING AND DATA PROCESSING  
2102 .COMPUTER SCIENCE  
2105 .INFORMATION SCIENCES  
2106 .COMPUTER ADMINISTRATION MANAGEMENT AND SECURITY  
2107 .COMPUTER NETWORKING AND TELECOMMUNICATIONS  
2201 .COSMETOLOGY SERVICES AND CULINARY ARTS  
2300 .GENERAL EDUCATION  
2301 .EDUCATIONAL ADMINISTRATION AND SUPERVISION  
2303 .SCHOOL STUDENT COUNSELING  
2304 .ELEMENTARY EDUCATION  
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2306 .PHYSICAL AND HEALTH EDUCATION TEACHING  
2307 .EARLY CHILDHOOD EDUCATION  
2308 .SCIENCE AND COMPUTER TEACHER EDUCATION  
2309 .SECONDARY TEACHER EDUCATION  
2310 .SPECIAL NEEDS EDUCATION  
2311 .SOCIAL SCIENCE OR HISTORY TEACHER EDUCATION  
2312 .TEACHER EDUCATION: MULTIPLE LEVELS  
2313 .LANGUAGE AND DRAMA EDUCATION  
2314 .ART AND MUSIC EDUCATION  
2399 .MISCELLANEOUS EDUCATION  
2400 .GENERAL ENGINEERING  
2401 .AEROSPACE ENGINEERING  
2402 .BIOLOGICAL ENGINEERING  
2403 .ARCHITECTURAL ENGINEERING  
2404 .BIOMEDICAL ENGINEERING  
2405 .CHEMICAL ENGINEERING

2406 .CIVIL ENGINEERING  
 2407 .COMPUTER ENGINEERING  
 2408 .ELECTRICAL ENGINEERING  
 2409 .ENGINEERING MECHANICS PHYSICS AND SCIENCE  
 2410 .ENVIRONMENTAL ENGINEERING  
 2411 .GEOLOGICAL AND GEOPHYSICAL ENGINEERING  
 2412 .INDUSTRIAL AND MANUFACTURING ENGINEERING  
 2413 .MATERIALS ENGINEERING AND MATERIALS SCIENCE  
 2414 .MECHANICAL ENGINEERING  
 2415 .METALLURGICAL ENGINEERING  
 2416 .MINING AND MINERAL ENGINEERING  
 2417 .NAVAL ARCHITECTURE AND MARINE ENGINEERING  
 2418 .NUCLEAR ENGINEERING  
 2419 .PETROLEUM ENGINEERING  
 2499 .MISCELLANEOUS ENGINEERING  
 2500 .ENGINEERING TECHNOLOGIES  
 2501 .ENGINEERING AND INDUSTRIAL MANAGEMENT  
 2502 .ELECTRICAL ENGINEERING TECHNOLOGY  
 2503 .INDUSTRIAL PRODUCTION TECHNOLOGIES  
 2504 .MECHANICAL ENGINEERING RELATED TECHNOLOGIES  
 2599 .MISCELLANEOUS ENGINEERING TECHNOLOGIES  
 2601 .LINGUISTICS AND COMPARATIVE LANGUAGE AND LITERATURE  
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 3605 .GENETICS  
 3606 .MICROBIOLOGY  
 3607 .PHARMACOLOGY  
 3608 .PHYSIOLOGY  
 3609 .ZOOLOGY  
 3611 .NEUROSCIENCE  
 3699 .MISCELLANEOUS BIOLOGY  
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 3701 .APPLIED MATHEMATICS  
 3702 .STATISTICS AND DECISION SCIENCE  
 3801 .MILITARY TECHNOLOGIES  
 4000 .MULTI/INTERDISCIPLINARY STUDIES  
 4001 .INTERCULTURAL AND INTERNATIONAL STUDIES  
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 5203 .COUNSELING PSYCHOLOGY  
 5205 .INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY  
 5206 .SOCIAL PSYCHOLOGY  
 5299 .MISCELLANEOUS PSYCHOLOGY  
 5301 .CRIMINAL JUSTICE AND FIRE PROTECTION  
 5401 .PUBLIC ADMINISTRATION  
 5402 .PUBLIC POLICY  
 5403 .HUMAN SERVICES AND COMMUNITY ORGANIZATION  
 5404 .SOCIAL WORK  
 5500 .GENERAL SOCIAL SCIENCES  
 5501 .ECONOMICS  
 5502 .ANTHROPOLOGY AND ARCHEOLOGY  
 5503 .CRIMINOLOGY  
 5504 .GEOGRAPHY  
 5505 .INTERNATIONAL RELATIONS  
 5506 .POLITICAL SCIENCE AND GOVERNMENT  
 5507 .SOCIOLOGY  
 5599 .MISCELLANEOUS SOCIAL SCIENCES  
 5601 .CONSTRUCTION SERVICES  
 5701 .ELECTRICAL, MECHANICAL, AND PRECISION TECHNOLOGIES AND  
 .PRODUCTION  
 5901 .TRANSPORTATION SCIENCES AND TECHNOLOGIES  
 6000 .FINE ARTS  
 6001 .DRAMA AND THEATER ARTS  
 6002 .MUSIC  
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 6007 .STUDIO ARTS  
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 6104 .MEDICAL ASSISTING SERVICES  
 6105 .MEDICAL TECHNOLOGIES TECHNICIANS



6106 .HEALTH AND MEDICAL PREPARATORY PROGRAMS  
 6107 .NURSING  
 6108 .PHARMACY PHARMACEUTICAL SCIENCES AND ADMINISTRATION  
 6109 .TREATMENT THERAPY PROFESSIONS  
 6110 .COMMUNITY AND PUBLIC HEALTH  
 6199 .MISCELLANEOUS HEALTH MEDICAL PROFESSIONS  
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 6201 .ACCOUNTING  
 6202 .ACTUARIAL SCIENCE  
 6203 .BUSINESS MANAGEMENT AND ADMINISTRATION  
 6204 .OPERATIONS LOGISTICS AND E-COMMERCE  
 6205 .BUSINESS ECONOMICS  
 6206 .MARKETING AND MARKETING RESEARCH  
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 6210 .INTERNATIONAL BUSINESS  
 6211 .HOSPITALITY MANAGEMENT  
 6212 .MANAGEMENT INFORMATION SYSTEMS AND STATISTICS  
 6299 .MISCELLANEOUS BUSINESS & MEDICAL ADMINISTRATION  
 6402 .HISTORY  
 6403 .UNITED STATES HISTORY

HICOV           1  
           Health insurance coverage recode  
             1 .With health insurance coverage  
             2 .No health insurance coverage

HISP            2  
           Recoded detailed Hispanic origin  
             01 .Not Spanish/Hispanic/Latino  
             02 .Mexican  
             03 .Puerto Rican  
             04 .Cuban  
             05 .Dominican  
             06 .Costa Rican  
             07 .Guatemalan  
             08 .Honduran  
             09 .Nicaraguan  
             10 .Panamanian  
             11 .Salvadoran  
             12 .Other Central American  
             13 .Argentinean  
             14 .Bolivian  
             15 .Chilean  
             16 .Colombian  
             17 .Ecuadorian  
             18 .Paraguayan  
             19 .Peruvian  
             20 .Uruguayan  
             21 .Venezuelan  
             22 .Other South American  
             23 .Spaniard  
             24 .All Other Spanish/Hispanic/Latino

Industry recode for 2013 and later based on 2012 IND codes  
bbbb .N/A (less than 16 years old/NILF who last worked  
.more than 5 years ago or never worked)  
0170 .AGR-CROP PRODUCTION  
0180 .AGR-ANIMAL PRODUCTION AND AQUACULTURE  
0190 .AGR-FORESTRY EXCEPT LOGGING  
0270 .AGR-LOGGING  
0280 .AGR-FISHING, HUNTING AND TRAPPING  
0290 .AGR-SUPPORT ACTIVITIES FOR AGRICULTURE AND FORESTRY  
0370 .EXT-OIL AND GAS EXTRACTION  
0380 .EXT-COAL MINING  
0390 .EXT-METAL ORE MINING  
0470 .EXT-NONMETALLIC MINERAL MINING AND QUARRYING  
0490 .EXT-SUPPORT ACTIVITIES FOR MINING  
0570 .UTL-ELECTRIC POWER GENERATION, TRANSMISSION AND  
.DISTRIBUTION  
0580 .UTL-NATURAL GAS DISTRIBUTION  
0590 .UTL-ELECTRIC AND GAS, AND OTHER COMBINATIONS  
0670 .UTL-WATER, STEAM, AIR CONDITIONING, AND IRRIGATION SYSTEMS  
0680 .UTL-SEWAGE TREATMENT FACILITIES  
0690 .UTL-NOT SPECIFIED UTILITIES  
0770 .CON-CONSTRUCTION, INCL CLEANING DURING AND IMM AFTER  
1070 .MFG-ANIMAL FOOD, GRAIN AND OILSEED MILLING  
1080 .MFG-SUGAR AND CONFECTIONERY PRODUCTS  
1090 .MFG-FRUIT AND VEGETABLE PRESERVING AND SPECIALTY FOODS  
1170 .MFG-DAIRY PRODUCTS  
1180 .MFG-ANIMAL SLAUGHTERING AND PROCESSING  
1190 .MFG-RETAIL BAKERIES  
1270 .MFG-BAKERIES AND TORTILLA, EXCEPT RETAIL BAKERIES  
1280 .MFG-SEAFOOD AND OTHER MISCELLANEOUS FOODS, N.E.C.  
1290 .MFG-NOT SPECIFIED FOOD INDUSTRIES  
1370 .MFG-BEVERAGE  
1390 .MFG-TOBACCO  
1470 .MFG-FIBER, YARN, AND THREAD MILLS  
1480 .MFG-FABRIC MILLS, EXCEPT KNITTING MILLS  
1490 .MFG-TEXTILE AND FABRIC FINISHING AND FABRIC COATING MILLS  
1570 .MFG-CARPET AND RUG MILLS  
1590 .MFG-TEXTILE PRODUCT MILLS, EXCEPT CARPET AND RUG  
1670 .MFG-KNITTING FABRIC MILLS, AND APPAREL KNITTING MILLS  
1680 .MFG-CUT AND SEW APPAREL  
1690 .MFG-APPAREL ACCESSORIES AND OTHER APPAREL  
1770 .MFG-FOOTWEAR  
1790 .MFG-LEATHER TANNING AND FINISHING AND OTHER ALLIED PRODUCTS  
.MANUFACTURING  
1870 .MFG-PULP, PAPER, AND PAPERBOARD MILLS  
1880 .MFG-PAPERBOARD CONTAINER  
1890 .MFG-MISCELLANEOUS PAPER AND PULP PRODUCTS  
1990 .MFG-PRINTING AND RELATED SUPPORT ACTIVITIES  
2070 .MFG-PETROLEUM REFINING  
2090 .MFG-MISCELLANEOUS PETROLEUM AND COAL PRODUCTS  
2170 .MFG-RESIN, SYNTHETIC RUBBER, AND FIBERS AND FILAMENTS  
2180 .MFG-AGRICULTURAL CHEMICALS  
2190 .MFG-PHARMACEUTICALS AND MEDICINES

2270 .MFG-PAINT, COATING, AND ADHESIVES  
 2280 .MFG-SOAP, CLEANING COMPOUND, AND COSMETICS  
 2290 .MFG-INDUSTRIAL AND MISCELLANEOUS CHEMICALS  
 2370 .MFG-PLASTICS PRODUCTS  
 2380 .MFG-TIRES  
 2390 .MFG-RUBBER PRODUCTS, EXCEPT TIRES  
 2470 .MFG-POTTERY, CERAMICS, AND PLUMBING FIXTURE MANUFACTURING  
 2480 .MFG- CLAY BUILDING MATERIAL AND REFRACTORIES  
 2490 .MFG-GLASS AND GLASS PRODUCTS  
 2570 .MFG-CEMENT, CONCRETE, LIME, AND GYPSUM PRODUCTS  
 2590 .MFG-MISCELLANEOUS NONMETALLIC MINERAL PRODUCTS  
 2670 .MFG-IRON AND STEEL MILLS AND STEEL PRODUCTS  
 2680 .MFG-ALUMINUM PRODUCTION AND PROCESSING  
 2690 .MFG-NONFERROUS METAL, EXCEPT ALUMINUM, PRODUCTION AND  
 .PROCESSING  
 2770 .MFG-FOUNDRIES  
 2780 .MFG-METAL FORGINGS AND STAMPINGS  
 2790 .MFG-CUTLERY AND HAND TOOLS  
 2870 .MFG-STRUCTURAL METALS, AND BOILER, TANK, AND SHIPPING  
 .CONTAINERS  
 2880 .MFG-MACHINE SHOPS; TURNED PRODUCTS; SCREWS, NUTS AND BOLTS  
 2890 .MFG-COATING, ENGRAVING, HEAT TREATING AND ALLIED ACTIVITIES  
 2970 .MFG-ORDNANCE  
 2980 .MFG-MISCELLANEOUS FABRICATED METAL PRODUCTS  
 2990 .MFG-NOT SPECIFIED METAL INDUSTRIES  
 3070 .MFG-AGRICULTURAL IMPLEMENTS  
 3080 .MFG-CONSTRUCTION, AND MINING AND OIL AND GAS FIELD  
 .MACHINERY  
 3095 .MFG-COMMERCIAL AND SERVICE INDUSTRY MACHINERY  
 3170 .MFG-METALWORKING MACHINERY  
 3180 .MFG-ENGINE, TURBINE, AND POWER TRANSMISSION EQUIPMENT  
 3190 .MFG-MACHINERY, N.E.C. OR NOT SPECIFIED  
 3365 .MFG-COMPUTER AND PERIPHERAL EQUIPMENT  
 3370 .MFG-COMMUNICATIONS, AND AUDIO AND VIDEO EQUIPMENT  
 3380 .MFG-NAVIGATIONAL, MEASURING, ELECTROMEDICAL, AND CONTROL  
 .INSTRUMENTS  
 3390 .MFG-ELECTRONIC COMPONENTS AND PRODUCTS, N.E.C.  
 3470 .MFG-HOUSEHOLD APPLIANCES  
 3490 .MFG-ELECTRIC LIGHTING AND ELECTRICAL EQUIPMENT  
 .MANUFACTURING, AND OTHER ELECTRICAL COMPONENT  
 .MANUFACTURING, N.E.C.  
 3570 .MFG-MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT  
 3580 .MFG-AIRCRAFT AND PARTS  
 3590 .MFG-AEROSPACE PRODUCTS AND PARTS  
 3670 .MFG-RAILROAD ROLLING STOCK  
 3680 .MFG-SHIP AND BOAT BUILDING  
 3690 .MFG-OTHER TRANSPORTATION EQUIPMENT  
 3770 .MFG-SAWMILLS AND WOOD PRESERVATION  
 3780 .MFG-VENEER, PLYWOOD, AND ENGINEERED WOOD PRODUCTS  
 3790 .MFG-PREFABRICATED WOOD BUILDINGS AND MOBILE HOMES  
 3875 .MFG-MISCELLANEOUS WOOD PRODUCTS  
 3895 .MFG-FURNITURE AND RELATED PRODUCTS  
 3960 .MFG-MEDICAL EQUIPMENT AND SUPPLIES  
 3970 .MFG-SPORTING AND ATHLETIC GOODS, AND DOLL, TOY, AND GAME

.MANUFACTURING

3980 .MFG-MISCELLANEOUS MANUFACTURING, N.E.C.

3990 .MFG-NOT SPECIFIED MANUFACTURING INDUSTRIES

4070 .WHL-MOTOR VEHICLE AND MOTOR VEHICLE PARTS AND SUPPLIES  
.MERCHANT WHOLESALERS

4080 .WHL-FURNITURE AND HOME FURNISHING MERCHANT WHOLESALERS

4090 .WHL-LUMBER AND OTHER CONSTRUCTION MATERIALS MERCHANT  
.WHOLESALERS

4170 .WHL-PROFESSIONAL AND COMMERCIAL EQUIPMENT AND SUPPLIES  
.MERCHANT WHOLESALERS

4180 .WHL-METALS AND MINERALS, EXCEPT PETROLEUM, MERCHANT  
.WHOLESALERS

4195 .WHL-HOUSEHOLD APPLIANCES AND ELECTRICAL AND ELECTRONIC  
.GOODS MERCHANT WHOLESALERS

4265 .WHL-HARDWARE, AND PLUMBING AND HEATING EQUIPMENT, AND  
.SUPPLIES MERCHANT WHOLESALERS

4270 .WHL-MACHINERY, EQUIPMENT, AND SUPPLIES MERCHANT WHOLESALERS

4280 .WHL-RECYCLABLE MATERIAL MERCHANT WHOLESALERS

4290 .WHL-MISCELLANEOUS DURABLE GOODS MERCHANT WHOLESALERS

4370 .WHL-PAPER AND PAPER PRODUCTS MERCHANT WHOLESALERS

4380 .WHL-DRUGS, SUNDRIES, AND CHEMICAL AND ALLIED PRODUCTS  
.MERCHANT WHOLESALERS

4390 .WHL-APPAREL, PIECE GOODS, AND NOTIONS MERCHANT WHOLESALERS

4470 .WHL-GROCERY AND RELATED PRODUCT MERCHANT WHOLESALERS

4480 .WHL-FARM PRODUCT RAW MATERIAL MERCHANT WHOLESALERS

4490 .WHL-PETROLEUM AND PETROLEUM PRODUCTS MERCHANT WHOLESALERS

4560 .WHL-ALCOHOLIC BEVERAGES MERCHANT WHOLESALERS

4570 .WHL-FARM SUPPLIES MERCHANT WHOLESALERS

4580 .WHL-MISCELLANEOUS NONDURABLE GOODS MERCHANT WHOLESALERS

4585 .WHL-WHOLESALE ELECTRONIC MARKETS AND AGENTS AND BROKERS

4590 .WHL-NOT SPECIFIED WHOLESALE TRADE

4670 .RET-AUTOMOBILE DEALERS

4680 .RET-OTHER MOTOR VEHICLE DEALERS

4690 .RET-AUTOMOTIVE PARTS, ACCESSORIES, AND TIRE STORES

4770 .RET-FURNITURE AND HOME FURNISHINGS STORES

4780 .RET-HOUSEHOLD APPLIANCE STORES

4795 .RET-ELECTRONICS STORES

4870 .RET-BUILDING MATERIAL AND SUPPLIES DEALERS

4880 .RET-HARDWARE STORES

4890 .RET-LAWN AND GARDEN EQUIPMENT AND SUPPLIES STORES

4970 .RET-GROCERY STORES

4980 .RET-SPECIALTY FOOD STORES

4990 .RET-BEER, WINE, AND LIQUOR STORES

5070 .RET-PHARMACIES AND DRUG STORES

5080 .RET-HEALTH AND PERSONAL CARE, EXCEPT DRUG, STORES

5090 .RET-GASOLINE STATIONS

5170 .RET-CLOTHING STORES

5180 .RET-SHOE STORES

5190 .RET-JEWELRY, LUGGAGE, AND LEATHER GOODS STORES

5275 .RET-SPORTING GOODS, AND HOBBY AND TOY STORES

5280 .RET-SEWING, NEEDLEWORK, AND PIECE GOODS STORES

5295 .RET-MUSICAL INSTRUMENT AND SUPPLIES STORES

5370 .RET-BOOK STORES AND NEWS DEALERS

5380 .RET-DEPARTMENT AND DISCOUNT STORES

5390 .RET-MISCELLANEOUS GENERAL MERCHANDISE STORES  
5470 .RET-FLORISTS  
5480 .RET-OFFICE SUPPLIES AND STATIONERY STORES  
5490 .RET-USED MERCHANDISE STORES  
5570 .RET-GIFT, NOVELTY, AND SOUVENIR SHOPS  
5580 .RET-MISCELLANEOUS RETAIL STORES  
5590 .RET-ELECTRONIC SHOPPING  
5591 .RET-ELECTRONIC AUCTIONS  
5592 .RET-MAIL-ORDER HOUSES  
5670 .RET-VENDING MACHINE OPERATORS  
5680 .RET-FUEL DEALERS  
5690 .RET-OTHER DIRECT SELLING ESTABLISHMENTS  
5790 .RET-NOT SPECIFIED RETAIL TRADE  
6070 .TRN-AIR TRANSPORTATION  
6080 .TRN-RAIL TRANSPORTATION  
6090 .TRN-WATER TRANSPORTATION  
6170 .TRN-TRUCK TRANSPORTATION  
6180 .TRN-BUS SERVICE AND URBAN TRANSIT  
6190 .TRN-TAXI AND LIMOUSINE SERVICE  
6270 .TRN-PIPELINE TRANSPORTATION  
6280 .TRN-SCENIC AND SIGHTSEEING TRANSPORTATION  
6290 .TRN-SERVICES INCIDENTAL TO TRANSPORTATION  
6370 .TRN-POSTAL SERVICE  
6380 .TRN-COURIERS AND MESSENGERS  
6390 .TRN-WAREHOUSING AND STORAGE  
6470 .INF-NEWSPAPER PUBLISHERS  
6480 .INF-PERIODICAL, BOOK, AND DIRECTORY PUBLISHERS  
6490 .INF-SOFTWARE PUBLISHERS  
6570 .INF-MOTION PICTURE AND VIDEO INDUSTRIES  
6590 .INF-SOUND RECORDING INDUSTRIES  
6670 .INF-BROADCASTING, EXCEPT INTERNET  
6672 .INF-INTERNET PUBLISHING AND BROADCASTING AND WEB SEARCH  
.PORTALS  
6680 .INF-WIRED TELECOMMUNICATIONS CARRIERS  
6690 .INF-TELECOMMUNICATIONS, EXCEPT WIRED TELECOMMUNICATIONS  
.CARRIERS  
6695 .INF-DATA PROCESSING, HOSTING, AND RELATED SERVICES  
6770 .INF-LIBRARIES AND ARCHIVES  
6780 .INF-OTHER INFORMATION SERVICES, EXCEPT LIBRARIES AND  
.ARCHIVES, AND INTERNET PUBLISHING AND BROADCASTING AND  
.WEB SEARCH PORTALS  
6870 .FIN-BANKING AND RELATED ACTIVITIES  
6880 .FIN-SAVINGS INSTITUTIONS, INCLUDING CREDIT UNIONS  
6890 .FIN-NONDEPOSITORY CREDIT AND RELATED ACTIVITIES  
6970 .FIN-SECURITIES, COMMODITIES, FUNDS, TRUSTS, AND OTHER  
.FINANCIAL INVESTMENTS  
6990 .FIN-INSURANCE CARRIERS AND RELATED ACTIVITIES  
7070 .FIN-REAL ESTATE  
7080 .FIN-AUTOMOTIVE EQUIPMENT RENTAL AND LEASING  
7170 .FIN-VIDEO TAPE AND DISK RENTAL  
7180 .FIN-OTHER CONSUMER GOODS RENTAL  
7190 .FIN-COMMERCIAL, INDUSTRIAL, AND OTHER INTANGIBLE ASSETS  
.RENTAL AND LEASING  
7270 .PRF-LEGAL SERVICES

7280 .PRF-ACCOUNTING, TAX PREPARATION, BOOKKEEPING, AND PAYROLL  
.SERVICES  
7290 .PRF-ARCHITECTURAL, ENGINEERING, AND RELATED SERVICES  
7370 .PRF-SPECIALIZED DESIGN SERVICES  
7380 .PRF-COMPUTER SYSTEMS DESIGN AND RELATED SERVICES  
7390 .PRF-MANAGEMENT, SCIENTIFIC, AND TECHNICAL CONSULTING  
.SERVICES  
7460 .PRF-SCIENTIFIC RESEARCH AND DEVELOPMENT SERVICES  
7470 .PRF-ADVERTISING, PUBLIC RELATIONS, AND RELATED SERVICES  
7480 .PRF-VETERINARY SERVICES  
7490 .PRF-OTHER PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES  
7570 .PRF-MANAGEMENT OF COMPANIES AND ENTERPRISES  
7580 .PRF-EMPLOYMENT SERVICES  
7590 .PRF-BUSINESS SUPPORT SERVICES  
7670 .PRF-TRAVEL ARRANGEMENTS AND RESERVATION SERVICES  
7680 .PRF-INVESTIGATION AND SECURITY SERVICES  
7690 .PRF-SERVICES TO BUILDINGS AND DWELLINGS, EX CONSTR CLN  
7770 .PRF-LANDSCAPING SERVICES  
7780 .PRF-OTHER ADMINISTRATIVE AND OTHER SUPPORT SERVICES  
7790 .PRF-WASTE MANAGEMENT AND REMEDIATION SERVICES  
7860 .EDU-ELEMENTARY AND SECONDARY SCHOOLS  
7870 .EDU-COLLEGES, UNIVERSITIES, AND PROFESSIONAL SCHOOLS,  
.INCLUDING JUNIOR COLLEGES  
7880 .EDU-BUSINESS, TECHNICAL, AND TRADE SCHOOLS AND TRAINING  
7890 .EDU-OTHER SCHOOLS AND INSTRUCTION, AND EDUCATIONAL SUPPORT  
.SERVICES  
7970 .MED-OFFICES OF PHYSICIANS  
7980 .MED-OFFICES OF DENTISTS  
7990 .MED-OFFICES OF CHIROPRACTORS  
8070 .MED-OFFICES OF OPTOMETRISTS  
8080 .MED-OFFICES OF OTHER HEALTH PRACTITIONERS  
8090 .MED-OUTPATIENT CARE CENTERS  
8170 .MED-HOME HEALTH CARE SERVICES  
8180 .MED-OTHER HEALTH CARE SERVICES  
8190 .MED-HOSPITALS  
8270 .MED-NURSING CARE FACILITIES (SKILLED NURSING FACILITIES)  
8290 .MED-RESIDENTIAL CARE FACILITIES, EXCEPT  
.SKILLED NURSING FACILITIES  
8370 .SCA-INDIVIDUAL AND FAMILY SERVICES  
8380 .SCA-COMMUNITY FOOD AND HOUSING, AND EMERGENCY SERVICES  
8390 .SCA-VOCATIONAL REHABILITATION SERVICES  
8470 .SCA-CHILD DAY CARE SERVICES  
8560 .ENT-PERFORMING ARTS, SPECTATOR SPORTS,  
.AND RELATED INDUSTRIES  
8570 .ENT-MUSEUMS, ART GALLERIES, HISTORICAL SITES, AND SIMILAR  
.INSTITUTIONS  
8580 .ENT-BOWLING CENTERS  
8590 .ENT-OTHER AMUSEMENT, GAMBLING, AND RECREATION INDUSTRIES  
8660 .ENT-TRAVELER ACCOMMODATION  
8670 .ENT-RECREATIONAL VEHICLE PARKS AND CAMPS, AND ROOMING AND  
.BOARDING HOUSES  
8680 .ENT-RESTAURANTS AND OTHER FOOD SERVICES  
8690 .ENT-DRINKING PLACES, ALCOHOLIC BEVERAGES  
8770 .SRV-AUTOMOTIVE REPAIR AND MAINTENANCE

8780 .SRV-CAR WASHES  
 8790 .SRV-ELECTRONIC AND PRECISION EQUIPMENT REPAIR AND  
 .MAINTENANCE  
 8870 .SRV-COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT  
 .REPAIR AND MAINTENANCE  
 8880 .SRV-PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE  
 8970 .SRV-BARBER SHOPS  
 8980 .SRV-BEAUTY SALONS  
 8990 .SRV-NAIL SALONS AND OTHER PERSONAL CARE SERVICES  
 9070 .SRV-DRYCLEANING AND LAUNDRY SERVICES  
 9080 .SRV-FUNERAL HOMES, CEMETERIES AND CREMATORIES  
 9090 .SRV-OTHER PERSONAL SERVICES  
 9160 .SRV-RELIGIOUS ORGANIZATIONS  
 9170 .SRV-CIVIC, SOCIAL, ADVOCACY ORGANIZATIONS, AND GRANTMAKING  
 .AND GIVING SERVICES  
 9180 .SRV-LABOR UNIONS  
 9190 .SRV-BUSINESS, PROFESSIONAL, POLITICAL, AND SIMILAR  
 .ORGANIZATIONS  
 9290 .SRV-PRIVATE HOUSEHOLDS  
 9370 .ADM-EXECUTIVE OFFICES AND LEGISLATIVE BODIES  
 9380 .ADM-PUBLIC FINANCE ACTIVITIES  
 9390 .ADM-OTHER GENERAL GOVERNMENT AND SUPPORT  
 9470 .ADM-JUSTICE, PUBLIC ORDER, AND SAFETY ACTIVITIES  
 9480 .ADM-ADMINISTRATION OF HUMAN RESOURCE PROGRAMS  
 9490 .ADM-ADMINISTRATION OF ENVIRONMENTAL QUALITY AND HOUSING  
 .PROGRAMS  
 9570 .ADM-ADMINISTRATION OF ECONOMIC PROGRAMS AND SPACE RESEARCH  
 9590 .ADM-NATIONAL SECURITY AND INTERNATIONAL AFFAIRS  
 9670 .MIL-U.S. ARMY  
 9680 .MIL-U.S. AIR FORCE  
 9690 .MIL-U.S. NAVY  
 9770 .MIL-U.S. MARINES  
 9780 .MIL-U.S. COAST GUARD  
 9790 .MIL-U.S. ARMED FORCES, BRANCH NOT SPECIFIED  
 9870 .MIL-MILITARY RESERVES OR NATIONAL GUARD  
 9920 .UNEMPLOYED AND LAST WORKED 5 YEARS AGO OR EARLIER OR NEVER  
 .WORKED\*\*

Note: For additional information on NAICS and SOC groupings within major  
 categories visit our website at:  
<https://www.census.gov/people/io/methodology/indexes.html>.

JWAP            3  
 Time of arrival at work - hour and minute  
 bbb .N/A (not a worker; worker who worked at home)  
 001 .12:00 a.m. to 12:04 a.m.  
 002 .12:05 a.m. to 12:09 a.m.  
 003 .12:10 a.m. to 12:14 a.m.  
 004 .12:15 a.m. to 12:19 a.m.  
 005 .12:20 a.m. to 12:24 a.m.  
 006 .12:25 a.m. to 12:29 a.m.  
 007 .12:30 a.m. to 12:39 a.m.  
 008 .12:40 a.m. to 12:44 a.m.  
 009 .12:45 a.m. to 12:49 a.m.

010 .12:50 a.m. to 12:59 a.m.  
011 .1:00 a.m. to 1:04 a.m.  
012 .1:05 a.m. to 1:09 a.m.  
013 .1:10 a.m. to 1:14 a.m.  
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187 .3:45 p.m. to 3:49 p.m.  
188 .3:50 p.m. to 3:54 p.m.  
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274 .11:00 p.m. to 11:04 p.m.  
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277 .11:15 p.m. to 11:19 p.m.  
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281 .11:35 p.m. to 11:39 p.m.  
282 .11:40 p.m. to 11:44 p.m.  
283 .11:45 p.m. to 11:49 p.m.  
284 .11:50 p.m. to 11:54 p.m.  
285 .11:55 p.m. to 11:59 p.m.

JWDP

3

Time of departure for work - hour and minute

bbb .N/A (not a worker; worker who worked at home)

001 .12:00 a.m. to 12:29 a.m.  
002 .12:30 a.m. to 12:59 a.m.  
003 .1:00 a.m. to 1:29 a.m.  
004 .1:30 a.m. to 1:59 a.m.  
005 .2:00 a.m. to 2:29 a.m.  
006 .2:30 a.m. to 2:59 a.m.  
007 .3:00 a.m. to 3:09 a.m.  
008 .3:10 a.m. to 3:19 a.m.  
009 .3:20 a.m. to 3:29 a.m.  
010 .3:30 a.m. to 3:39 a.m.  
011 .3:40 a.m. to 3:49 a.m.  
012 .3:50 a.m. to 3:59 a.m.  
013 .4:00 a.m. to 4:09 a.m.  
014 .4:10 a.m. to 4:19 a.m.  
015 .4:20 a.m. to 4:29 a.m.  
016 .4:30 a.m. to 4:39 a.m.  
017 .4:40 a.m. to 4:49 a.m.  
018 .4:50 a.m. to 4:59 a.m.  
019 .5:00 a.m. to 5:04 a.m.  
020 .5:05 a.m. to 5:09 a.m.  
021 .5:10 a.m. to 5:14 a.m.  
022 .5:15 a.m. to 5:19 a.m.  
023 .5:20 a.m. to 5:24 a.m.  
024 .5:25 a.m. to 5:29 a.m.  
025 .5:30 a.m. to 5:34 a.m.  
026 .5:35 a.m. to 5:39 a.m.  
027 .5:40 a.m. to 5:44 a.m.  
028 .5:45 a.m. to 5:49 a.m.  
029 .5:50 a.m. to 5:54 a.m.  
030 .5:55 a.m. to 5:59 a.m.  
031 .6:00 a.m. to 6:04 a.m.  
032 .6:05 a.m. to 6:09 a.m.  
033 .6:10 a.m. to 6:14 a.m.  
034 .6:15 a.m. to 6:19 a.m.  
035 .6:20 a.m. to 6:24 a.m.  
036 .6:25 a.m. to 6:29 a.m.  
037 .6:30 a.m. to 6:34 a.m.  
038 .6:35 a.m. to 6:39 a.m.  
039 .6:40 a.m. to 6:44 a.m.  
040 .6:45 a.m. to 6:49 a.m.  
041 .6:50 a.m. to 6:54 a.m.  
042 .6:55 a.m. to 6:59 a.m.  
043 .7:00 a.m. to 7:04 a.m.  
044 .7:05 a.m. to 7:09 a.m.

045 .7:10 a.m. to 7:14 a.m.  
046 .7:15 a.m. to 7:19 a.m.  
047 .7:20 a.m. to 7:24 a.m.  
048 .7:25 a.m. to 7:29 a.m.  
049 .7:30 a.m. to 7:34 a.m.  
050 .7:35 a.m. to 7:39 a.m.  
051 .7:40 a.m. to 7:44 a.m.  
052 .7:45 a.m. to 7:49 a.m.  
053 .7:50 a.m. to 7:54 a.m.  
054 .7:55 a.m. to 7:59 a.m.  
055 .8:00 a.m. to 8:04 a.m.  
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067 .9:00 a.m. to 9:04 a.m.  
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069 .9:10 a.m. to 9:14 a.m.  
070 .9:15 a.m. to 9:19 a.m.  
071 .9:20 a.m. to 9:24 a.m.  
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079 .10:00 a.m. to 10:09 a.m.  
080 .10:10 a.m. to 10:19 a.m.  
081 .10:20 a.m. to 10:29 a.m.  
082 .10:30 a.m. to 10:39 a.m.  
083 .10:40 a.m. to 10:49 a.m.  
084 .10:50 a.m. to 10:59 a.m.  
085 .11:00 a.m. to 11:09 a.m.  
086 .11:10 a.m. to 11:19 a.m.  
087 .11:20 a.m. to 11:29 a.m.  
088 .11:30 a.m. to 11:39 a.m.  
089 .11:40 a.m. to 11:49 a.m.  
090 .11:50 a.m. to 11:59 a.m.  
091 .12:00 p.m. to 12:09 p.m.  
092 .12:10 p.m. to 12:19 p.m.  
093 .12:20 p.m. to 12:29 p.m.  
094 .12:30 p.m. to 12:39 p.m.  
095 .12:40 p.m. to 12:49 p.m.  
096 .12:50 p.m. to 12:59 p.m.  
097 .1:00 p.m. to 1:09 p.m.  
098 .1:10 p.m. to 1:19 p.m.

099 .1:20 p.m. to 1:29 p.m.  
100 .1:30 p.m. to 1:39 p.m.  
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103 .2:00 p.m. to 2:09 p.m.  
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133 .7:00 p.m. to 7:29 p.m.  
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135 .8:00 p.m. to 8:29 p.m.  
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147 .10:40 p.m. to 10:49 p.m.  
148 .10:50 p.m. to 10:59 p.m.  
149 .11:00 p.m. to 11:29 p.m.  
150 .11:30 p.m. to 11:59 p.m.

## Language spoken at home

bbb .N/A (less than 5 years old/speaks only English)  
601 .Jamaican Creole  
602 .Krio  
607 .German  
608 .Pennsylvania Dutch  
609 .Yiddish  
610 .Dutch  
611 .Afrikaans  
614 .Swedish  
615 .Danish  
616 .Norwegian  
619 .Italian  
620 .French  
622 .Patois  
623 .French Creole  
624 .Cajun  
625 .Spanish  
629 .Portuguese  
631 .Romanian  
635 .Irish Gaelic  
637 .Greek  
638 .Albanian  
639 .Russian  
641 .Ukrainian  
642 .Czech  
645 .Polish  
646 .Slovak  
647 .Bulgarian  
648 .Macedonian  
649 .Serbo-Croatian  
650 .Croatian  
651 .Serbian  
653 .Lithuanian  
654 .Latvian  
655 .Armenian  
656 .Persian  
657 .Pashto  
658 .Kurdish  
662 .India N.E.C.  
663 .Hindi  
664 .Bengali  
665 .Panjabi  
666 .Marathi  
667 .Gujarati  
671 .Urdu  
674 .Nepali  
675 .Sindhi  
676 .Pakistan N.E.C.  
677 .Sinhalese  
679 .Finnish  
682 .Hungarian  
689 .Uighur



691 .Turkish  
694 .Mongolian  
701 .Telugu  
702 .Kannada  
703 .Malayalam  
704 .Tamil  
708 .Chinese  
711 .Cantonese  
712 .Mandarin  
714 .Formosan  
717 .Burmese  
720 .Thai  
721 .Mien  
722 .Hmong  
723 .Japanese  
724 .Korean  
725 .Laotian  
726 .Mon-Khmer, Cambodian  
728 .Vietnamese  
732 .Indonesian  
739 .Malay  
742 .Tagalog  
743 .Bisayan  
744 .Sebuano  
746 .Ilocano  
750 .Micronesian  
752 .Chamorro  
761 .Trukese  
767 .Samoan  
768 .Tongan  
776 .Hawaiian  
777 .Arabic  
778 .Hebrew  
779 .Syriac  
780 .Amharic  
783 .Cushite  
791 .Swahili  
792 .Bantu  
793 .Mande  
794 .Fulani  
796 .Kru, Ibo, Yoruba  
799 .African  
806 .Other Algonquian languages  
819 .Ojibwa  
862 .Apache  
864 .Navajo  
907 .Dakota  
924 .Keres  
933 .Cherokee  
964 .Zuni  
985 .Other Indo-European languages  
986 .Other Asian languages  
988 .Other Pacific Island languages  
989 .Other specified African languages

990 .Aleut-Eskimo languages  
992 .South/Central American Indian languages  
993 .Other Specified North American Indian languages  
994 .Other languages  
996 .Language not specified

MIGPUMA 5

Migration PUMA based on 2010 Census definition

bbbb .N/A (person less than 1 year old/lived in  
.same house 1 year ago)  
00001 .Did not live in the United States or in Puerto  
.Rico one year ago  
00002 .Lived in Puerto Rico one year ago and current  
.residence is in the U.S.  
00100..70100 .Assigned Migration PUMA. Use with MIGSP.

MIGSP 3

Migration recode - State or foreign country code

bbb .N/A (person less than 1 year old/lived in  
.same house 1 year ago)  
001 .Alabama/AL  
002 .Alaska/AK  
004 .Arizona/AZ  
005 .Arkansas/AR  
006 .California/CA  
008 .Colorado/CO  
009 .Connecticut/CT  
010 .Delaware/DE  
011 .District of Columbia/DC  
012 .Florida/FL  
013 .Georgia/GA  
015 .Hawaii/HI  
016 .Idaho/ID  
017 .Illinois/IL  
018 .Indiana/IN  
019 .Iowa/IA  
020 .Kansas/KS  
021 .Kentucky/KY  
022 .Louisiana/LA  
023 .Maine/ME  
024 .Maryland/MD  
025 .Massachusetts/MA  
026 .Michigan/MI  
027 .Minnesota/MN  
028 .Mississippi/MS  
029 .Missouri/MO  
030 .Montana/MT  
031 .Nebraska/NE  
032 .Nevada/NV  
033 .New Hampshire/NH  
034 .New Jersey/NJ  
035 .New Mexico/NM  
036 .New York/NY  
037 .North Carolina/NC

038 .North Dakota/ND  
039 .Ohio/OH  
040 .Oklahoma/OK  
041 .Oregon/OR  
042 .Pennsylvania/PA  
044 .Rhode Island/RI  
045 .South Carolina/SC  
046 .South Dakota/SD  
047 .Tennessee/TN  
048 .Texas/TX  
049 .Utah/UT  
050 .Vermont/VT  
051 .Virginia/VA  
053 .Washington/WA  
054 .West Virginia/WV  
055 .Wisconsin/WI  
056 .Wyoming/WY  
072 .Puerto Rico  
109 .France  
110 .Germany  
111 .Northern Europe, Not Specified  
113 .Eastern Europe, Not Specified  
114 .Western Europe or Other Europe, Not Specified  
120 .Italy  
134 .Spain  
138 .United Kingdom, Excluding England  
139 .England  
163 .Russia  
200 .Afghanistan  
207 .China, Hong Kong, Macau & Paracel Islands  
210 .India  
213 .Iraq  
215 .Japan  
217 .Korea  
229 .Nepal  
231 .Pakistan  
233 .Philippines  
235 .Saudi Arabia  
240 .Taiwan  
242 .Thailand  
243 .Turkey  
247 .Vietnam  
251 .Eastern Asia, Not Specified  
252 .Western Asia, Not Specified  
253 .South Central Asia or Asia, Not Specified  
301 .Canada  
303 .Mexico  
312 .El Salvador  
313 .Guatemala  
314 .Honduras  
317 .Central America, Not Specified  
327 .Cuba  
329 .Dominican Republic  
332 .Haiti

333 .Jamaica  
 344 .Caribbean and North America, Not Specified  
 362 .Brazil  
 364 .Colombia  
 374 .South America, Not Specified  
 414 .Egypt  
 440 .Nigeria  
 463 .Eastern Africa, Not Specified  
 467 .Western Africa, Not Specified  
 468 .Northern Africa or Other Africa, Not Specified  
 501 .Australia  
 555 .Other US Island Areas, Oceania, Not Specified, or At Sea

MSP 1  
 Married, spouse present/spouse absent  
 b .N/A (age less than 15 years)  
 1 .Now married, spouse present  
 2 .Now married, spouse absent  
 3 .Widowed  
 4 .Divorced  
 5 .Separated  
 6 .Never married

NAICSP 8  
 NAICS Industry recode for 2013 and later based on 2012 NAICS codes  
 bbbbbbbb .N/A (less than 16 years old/NILF who last worked  
 .more than 5 years ago or never worked)  
 111 .AGR-CROP PRODUCTION  
 112 .AGR-ANIMAL PRODUCTION AND AQUACULTURE  
 1133 .AGR-LOGGING  
 113M .AGR-FORESTRY EXCEPT LOGGING  
 114 .AGR-FISHING, HUNTING, AND TRAPPING  
 115 .AGR-SUPPORT ACTIVITIES FOR AGRICULTURE AND FORESTRY  
 211 .EXT-OIL AND GAS EXTRACTION  
 2121 .EXT-COAL MINING  
 2122 .EXT-METAL ORE MINING  
 2123 .EXT-NONMETALLIC MINERAL MINING AND QUARRYING  
 213 .EXT-SUPPORT ACTIVITIES FOR MINING  
 2211P .UTL-ELECTRIC POWER GENERATION, TRANSMISSION AND  
 .DISTRIBUTION  
 2212P .UTL-NATURAL GAS DISTRIBUTION  
 22132 .UTL-SEWAGE TREATMENT FACILITIES  
 2213M .UTL-WATER, STEAM, AIR CONDITIONING, AND IRRIGATION  
 .SYSTEMS  
 221MP .UTL-ELECTRIC AND GAS, AND OTHER COMBINATIONS  
 22S .UTL-NOT SPECIFIED UTILITIES  
 23 .CON-CONSTRUCTION, INCL CLEANING DURING AND IMM AFTER  
 3113 .MFG-SUGAR AND CONFECTIONERY PRODUCTS  
 3114 .MFG-FRUIT AND VEGETABLE PRESERVING AND SPECIALTY FOODS  
 3115 .MFG-DAIRY PRODUCTS  
 3116 .MFG-ANIMAL SLAUGHTERING AND PROCESSING  
 311811 .MFG-RETAIL BAKERIES  
 3118Z .MFG-BAKERIES AND TORTILLA, EXCEPT RETAIL BAKERIES  
 311M1 .MFG-ANIMAL FOOD, GRAIN AND OILSEED MILLING

311M2 .MFG-SEAFOOD AND OTHER MISCELLANEOUS FOODS, N.E.C.  
311S .MFG-NOT SPECIFIED FOOD INDUSTRIES  
3121 .MFG-BEVERAGE  
3122 .MFG-TOBACCO  
3131 .MFG-FIBER, YARN, AND THREAD MILLS  
3132Z .MFG-FABRIC MILLS, EXCEPT KNITTING  
3133 .MFG-TEXTILE AND FABRIC FINISHING AND FABRIC COATING  
.MILLS  
31411 .MFG-CARPET AND RUG MILLS  
314Z .MFG-TEXTILE PRODUCT MILLS, EXCEPT CARPET AND RUG  
3152 .MFG-CUT AND SEW APPAREL  
3159 .MFG-APPAREL ACCESSORIES AND OTHER APPAREL  
3162 .MFG-FOOTWEAR  
316M .MFG-LEATHER TANNING AND FINISHING AND OTHER ALLIED  
.PRODUCTS MANUFACTURING  
31M .MFG-KNITTING FABRIC MILLS, AND APPAREL KNITTING MILLS  
3211 .MFG-SAWMILLS AND WOOD PRESERVATION  
3212 .MFG-VENEER, PLYWOOD, AND ENGINEERED WOOD PRODUCTS  
32199M .MFG-PREFABRICATED WOOD BUILDINGS AND MOBILE HOMES  
3219ZM .MFG-MISCELLANEOUS WOOD PRODUCTS  
3221 .MFG-PULP, PAPER, AND PAPERBOARD MILLS  
32221 .MFG-PAPERBOARD CONTAINER  
3222M .MFG-MISCELLANEOUS PAPER AND PULP PRODUCTS  
3231 .MFG-PRINTING AND RELATED SUPPORT ACTIVITIES  
3241M .MFG-MISCELLANEOUS PETROLEUM AND COAL PRODUCTS  
32411 .MFG-PETROLEUM REFINING  
3252 .MFG-RESIN, SYNTHETIC RUBBER, AND FIBERS AND FILAMENTS  
3253 .MFG-AGRICULTURAL CHEMICALS  
3254 .MFG-PHARMACEUTICALS AND MEDICINES  
3255 .MFG-PAINT, COATING, AND ADHESIVES  
3256 .MFG-SOAP, CLEANING COMPOUND, AND COSMETICS  
325M .MFG-INDUSTRIAL AND MISCELLANEOUS CHEMICALS  
3261 .MFG-PLASTICS PRODUCTS  
32621 .MFG-TIRES  
3262M .MFG-RUBBER PRODUCTS, EXCEPT TIRES  
32711 .MFG-POTTERY, CERAMICS, AND PLUMBING FIXTURE  
.MANUFACTURING  
327120 .MFG-CLAY BUILDING MATERIAL AND REFRACTORIES  
3272 .MFG-GLASS AND GLASS PRODUCTS  
3279 .MFG-MISCELLANEOUS NONMETALLIC MINERAL PRODUCTS  
327M .MFG-CEMENT, CONCRETE, LIME, AND GYPSUM PRODUCTS  
3313 .MFG-ALUMINUM PRODUCTION AND PROCESSING  
3314 .MFG-NONFERROUS METAL, EXCEPT ALUMINUM, PRODUCTION AND  
.PROCESSING  
3315 .MFG-FOUNDRIES  
331M .MFG-IRON AND STEEL MILLS AND STEEL PRODUCTS  
3321 .MFG-METAL FORGINGS AND STAMPINGS  
3322 .MFG-CUTLERY AND HAND TOOLS  
3327 .MFG-MACHINE SHOPS; TURNED PRODUCTS; SCREWS, NUTS AND  
.BOLTS  
3328 .MFG-COATING, ENGRAVING, HEAT TREATING AND ALLIED  
.ACTIVITIES  
33299M .MFG-ORDNANCE

332M .MFG-STRUCTURAL METALS, AND BOILER, TANK, AND SHIPPING  
.CONTAINERS  
332MZ .MFG-MISCELLANEOUS FABRICATED METAL PRODUCTS  
33311 .MFG-AGRICULTURAL IMPLEMENTS  
3331M .MFG-CONSTRUCTION, AND MINING AND OIL AND GAS FIELD  
.MACHINERY  
3333 .MFG-COMMERCIAL AND SERVICE INDUSTRY MACHINERY  
3335 .MFG-METALWORKING MACHINERY  
3336 .MFG-ENGINE, TURBINE, AND POWER TRANSMISSION EQUIPMENT  
333MS .MFG-MACHINERY MANUFACTURING, N.E.C. OR NOT SPECIFIED  
3341 .MFG-COMPUTER AND PERIPHERAL EQUIPMENT  
3345 .MFG-NAVIGATIONAL, MEASURING, ELECTROMEDICAL, AND  
.CONTROL INSTRUMENTS  
334M1 .MFG-COMMUNICATIONS, AND AUDIO AND VIDEO EQUIPMENT  
334M2 .MFG-ELECTRONIC COMPONENTS AND PRODUCTS, N.E.C.  
3352 .MFG-HOUSEHOLD APPLIANCES  
335M .MFG-ELECTRIC LIGHTING, AND ELECTRICAL EQUIPMENT  
.MANUFACTURING, AND OTHER ELECTRICAL COMPONENT  
.MANUFACTURING, N.E.C.  
33641M1 .MFG-AIRCRAFT AND PARTS  
33641M2 .MFG-AEROSPACE PRODUCTS AND PARTS  
3365 .MFG-RAILROAD ROLLING STOCK  
3366 .MFG-SHIP AND BOAT BUILDING  
3369 .MFG-OTHER TRANSPORTATION EQUIPMENT  
336M .MFG-MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT  
337 .MFG-FURNITURE AND RELATED PRODUCTS  
3391 .MFG-MEDICAL EQUIPMENT AND SUPPLIES  
3399M .MFG-SPORTING AND ATHLETIC GOODS, AND DOLL, TOY, AND  
.GAME MANUFACTURING  
3399ZM .MFG-MISCELLANEOUS MANUFACTURING, N.E.C.  
33MS .MFG-NOT SPECIFIED METAL INDUSTRIES  
3MS .MFG-NOT SPECIFIED INDUSTRIES  
4231 .WHL-MOTOR VEHICLES AND MOTOR VEHICLE PARTS AND SUPPLIES  
.MERCHANT WHOLESALERS  
4232 .WHL-FURNITURE AND HOME FURNISHING MERCHANT WHOLESALERS  
4233 .WHL-LUMBER AND OTHER CONSTRUCTION MATERIALS MERCHANT  
.WHOLESALERS  
4234 .WHL-PROFESSIONAL AND COMMERCIAL EQUIPMENT AND SUPPLIES  
.MERCHANT WHOLESALERS  
4235 .WHL-METALS AND MINERALS, EXCEPT PETROLEUM, MERCHANT  
.WHOLESALERS  
4236 .WHL-HOUSEHOLD APPLIANCES AND ELECTRICAL AND ELECTRONIC  
.GOODS MERCHANT WHOLESALERS  
4237 .WHL-HARDWARE, AND PLUMBING AND HEATING EQUIPMENT, AND  
.SUPPLIES MERCHANT WHOLESALERS  
4238 .WHL-MACHINERY, EQUIPMENT, AND SUPPLIES MERCHANT  
.WHOLESALERS  
42393 .WHL-RECYCLABLE MATERIAL MERCHANT WHOLESALERS  
4239Z .WHL-MISCELLANEOUS DURABLE GOODS MERCHANT WHOLESALERS  
4241 .WHL-PAPER AND PAPER PRODUCTS MERCHANT WHOLESALERS  
4243 .WHL-APPAREL, PIECE GOODS, AND NOTIONS MERCHANT  
.WHOLESALERS  
4244 .WHL-GROCERY AND RELATED PRODUCT MERCHANT WHOLESALERS  
4245 .WHL-FARM PRODUCT RAW MATERIAL MERCHANT WHOLESALERS

4247 .WHL-PETROLEUM AND PETROLEUM PRODUCTS MERCHANT  
.WHOLESALERS  
4248 .WHL-ALCOHOLIC BEVERAGES MERCHANT WHOLESALERS  
42491 .WHL-FARM SUPPLIES MERCHANT WHOLESALERS  
4249Z .WHL-MISCELLANEOUS NONDURABLE GOODS MERCHANT WHOLESALERS  
424M .WHL-DRUGS, SUNDRIES, AND CHEMICAL AND ALLIED PRODUCTS  
.MERCHANT WHOLESALERS  
4251 .WHL-WHOLESALE ELECTRONIC MARKETS AND AGENTS AND BROKERS  
42S .WHL-NOT SPECIFIED WHOLESALE TRADE  
4411 .RET-AUTOMOBILE DEALERS  
4412 .RET-OTHER MOTOR VEHICLE DEALERS  
4413 .RET-AUTOMOTIVE PARTS, ACCESSORIES, AND TIRE STORES  
442 .RET-FURNITURE AND HOME FURNISHINGS STORES  
443141 .RET-HOUSEHOLD APPLIANCE STORES  
443142 .RET-ELECTRONICS STORES  
44413 .RET-HARDWARE STORES  
4441Z .RET-BUILDING MATERIAL AND SUPPLIES DEALERS  
4442 .RET-LAWN AND GARDEN EQUIPMENT AND SUPPLIES STORES  
4451 .RET-GROCERY STORES  
4452 .RET-SPECIALTY FOOD STORES  
4453 .RET-BEER, WINE, AND LIQUOR STORES  
44611 .RET-PHARMACIES AND DRUG STORES  
446Z .RET-HEALTH AND PERSONAL CARE, EXCEPT DRUG, STORES  
447 .RET-GASOLINE STATIONS  
44821 .RET-SHOE STORES  
4483 .RET-JEWELRY, LUGGAGE, AND LEATHER GOODS STORES  
4481 .RET-CLOTHING STORES  
45113 .RET-SEWING, NEEDLEWORK, AND PIECE GOODS STORES  
45114 .RET-MUSICAL INSTRUMENT AND SUPPLIES STORES  
4511M .RET-SPORTING GOODS, AND HOBBY AND TOY STORES  
45121 .RET-BOOK STORES AND NEWS DEALERS  
45211 .RET-DEPARTMENT AND DISCOUNT STORES  
4529 .RET-MISCELLANEOUS GENERAL MERCHANDISE STORES  
4531 .RET-FLORISTS  
45321 .RET-OFFICE SUPPLIES AND STATIONERY STORES  
45322 .RET-GIFT, NOVELTY, AND SOUVENIR SHOPS  
4533 .RET-USED MERCHANDISE STORES  
4539 .RET-MISCELLANEOUS RETAIL STORES  
454111 .RET-ELECTRONIC SHOPPING  
454112 .RET-ELECTRONIC AUCTIONS  
454113 .RET-MAIL-ORDER HOUSES  
4542 .RET-VENDING MACHINE OPERATORS  
454310 .RET-FUEL DEALERS  
45439 .RET-OTHER DIRECT SELLING ESTABLISHMENTS  
4MS .RET-NOT SPECIFIED RETAIL TRADE  
481 .TRN-AIR TRANSPORTATION  
482 .TRN-RAIL TRANSPORTATION  
483 .TRN-WATER TRANSPORTATION  
484 .TRN-TRUCK TRANSPORTATION  
4853 .TRN-TAXI AND LIMOUSINE SERVICE  
485M .TRN-BUS SERVICE AND URBAN TRANSIT  
486 .TRN-PIPELINE TRANSPORTATION  
487 .TRN-SCENIC AND SIGHTSEEING TRANSPORTATION  
488 .TRN-SERVICES INCIDENTAL TO TRANSPORTATION

491 .TRN-POSTAL SERVICE  
492 .TRN-COURIERS AND MESSENGERS  
493 .TRN-WAREHOUSING AND STORAGE  
51111 .INF-NEWSPAPER PUBLISHERS  
5111Z .INF-PERIODICAL, BOOK, AND DIRECTORY PUBLISHERS  
5112 .INF-SOFTWARE PUBLISHERS  
5121 .INF-MOTION PICTURE AND VIDEO INDUSTRIES  
5122 .INF-SOUND RECORDING INDUSTRIES  
515 .INF-BROADCASTING, EXCEPT INTERNET  
5171 .INF-WIRED TELECOMMUNICATIONS CARRIERS  
517Z .INF-TELECOMMUNICATIONS, EXCEPT WIRED TELECOMMUNICATIONS  
.CARRIERS  
5182 .INF-DATA PROCESSING, HOSTING, AND RELATED SERVICES  
51912 .INF-LIBRARIES AND ARCHIVES  
51913 .INF-INTERNET PUBLISHING AND BROADCASTING AND WEB SEARCH  
.PORTALS  
5191ZM .INF-OTHER INFORMATION SERVICES, EXCEPT LIBRARIES AND  
.ARCHIVES, AND INTERNET PUBLISHING AND BROADCASTING AND  
.WEB SEARCH PORTALS  
5221M .FIN-SAVINGS INSTITUTIONS, INCLUDING CREDIT UNIONS  
522M .FIN-NONDEPOSITORY CREDIT AND RELATED ACTIVITIES  
524 .FIN-INSURANCE CARRIERS AND RELATED ACTIVITIES  
52M1 .FIN-BANKING AND RELATED ACTIVITIES  
52M2 .FIN-SECURITIES, COMMODITIES, FUNDS, TRUSTS, AND OTHER  
.FINANCIAL INVESTMENTS  
531 .FIN-REAL ESTATE  
5321 .FIN-AUTOMOTIVE EQUIPMENT RENTAL AND LEASING  
53223 .FIN-VIDEO TAPE AND DISK RENTAL  
532M .FIN-OTHER CONSUMER GOODS RENTAL  
53M .FIN-COMMERCIAL, INDUSTRIAL, AND OTHER INTANGIBLE ASSETS  
.RENTAL AND LEASING  
5411 .PRF-LEGAL SERVICES  
5412 .PRF-ACCOUNTING, TAX PREPARATION, BOOKKEEPING, AND  
.PAYROLL SERVICES  
5413 .PRF-ARCHITECTURAL, ENGINEERING, AND RELATED SERVICES  
5414 .PRF-SPECIALIZED DESIGN SERVICES  
5415 .PRF-COMPUTER SYSTEMS DESIGN AND RELATED SERVICES  
5416 .PRF-MANAGEMENT, SCIENTIFIC, AND TECHNICAL CONSULTING  
.SERVICES  
5417 .PRF-SCIENTIFIC RESEARCH AND DEVELOPMENT SERVICES  
5418 .PRF-ADVERTISING, PUBLIC RELATIONS, AND RELATED SERVICES  
54194 .PRF-VETERINARY SERVICES  
5419Z .PRF-OTHER PROFESSIONAL, SCIENTIFIC, AND TECHNICAL  
.SERVICES  
55 .PRF-MANAGEMENT OF COMPANIES AND ENTERPRISES  
5613 .PRF-EMPLOYMENT SERVICES  
5614 .PRF-BUSINESS SUPPORT SERVICES  
5615 .PRF-TRAVEL ARRANGEMENTS AND RESERVATION SERVICES  
5616 .PRF-INVESTIGATION AND SECURITY SERVICES  
56173 .PRF-LANDSCAPING SERVICES  
5617Z .PRF-SERVICES TO BUILDINGS AND DWELLINGS, EX CONSTR CLN  
561M .PRF-OTHER ADMINISTRATIVE AND OTHER SUPPORT SERVICES  
562 .PRF-WASTE MANAGEMENT AND REMEDIATION SERVICES  
6111 .EDU-ELEMENTARY AND SECONDARY SCHOOLS



611M1 .EDU-COLLEGES, UNIVERSITIES, AND PROFESSIONAL  
.SCHOOLS, INCLUDING JUNIOR COLLEGES  
611M2 .EDU-BUSINESS, TECHNICAL, AND TRADE SCHOOLS AND TRAINING  
611M3 .EDU-OTHER SCHOOLS AND INSTRUCTION, AND EDUCATIONAL  
.SUPPORT SERVICES  
6211 .MED-OFFICES OF PHYSICIANS  
6212 .MED-OFFICES OF DENTISTS  
62131 .MED-OFFICES OF CHIROPRACTORS  
62132 .MED-OFFICES OF OPTOMETRISTS  
6213ZM .MED-OFFICES OF OTHER HEALTH PRACTITIONERS  
6214 .MED-OUTPATIENT CARE CENTERS  
6216 .MED-HOME HEALTH CARE SERVICES  
621M .MED-OTHER HEALTH CARE SERVICES  
622 .MED-HOSPITALS  
6231 .MED-NURSING CARE FACILITIES (SKILLED NURSING  
.FACILITIES)  
623M .MED-RESIDENTIAL CARE FACILITIES, EXCEPT SKILLED  
.NURSING FACILITIES  
6241 .SCA-INDIVIDUAL AND FAMILY SERVICES  
6242 .SCA-COMMUNITY FOOD AND HOUSING, AND EMERGENCY SERVICES  
6243 .SCA-VOCATIONAL REHABILITATION SERVICES  
6244 .SCA-CHILD DAY CARE SERVICES  
711 .ENT-PERFORMING ARTS, SPECTATOR  
.SPORTS, AND RELATED INDUSTRIES  
712 .ENT-MUSEUMS, ART GALLERIES, HISTORICAL SITES, AND  
.SIMILAR INSTITUTIONS  
71395 .ENT-BOWLING CENTERS  
713Z .ENT-OTHER AMUSEMENT, GAMBLING, AND RECREATION  
.INDUSTRIES  
7211 .ENT-TRAVELER ACCOMMODATION  
721M .ENT-RECREATIONAL VEHICLE PARKS AND CAMPS, AND ROOMING  
.AND BOARDING HOUSES  
7224 .ENT-DRINKING PLACES, ALCOHOLIC BEVERAGES  
722Z .ENT-RESTAURANTS AND OTHER FOOD SERVICES  
811192 .SRV-CAR WASHES  
8111Z .SRV-AUTOMOTIVE REPAIR AND MAINTENANCE  
8112 .SRV-ELECTRONIC AND PRECISION EQUIPMENT REPAIR AND  
.MAINTENANCE  
8113 .SRV-COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT  
.REPAIR AND MAINTENANCE  
8114 .SRV-PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE  
812111 .SRV-BARBER SHOPS  
812112 .SRV-BEAUTY SALONS  
8121M .SRV-NAIL SALONS AND OTHER PERSONAL CARE SERVICES  
8122 .SRV-FUNERAL HOMES, CEMETERIES AND CREMATORIES  
8123 .SRV-DRYCLEANING AND LAUNDRY SERVICES  
8129 .SRV-OTHER PERSONAL SERVICES  
8131 .SRV-RELIGIOUS ORGANIZATIONS  
81393 .SRV-LABOR UNIONS  
8139Z .SRV-BUSINESS, PROFESSIONAL, POLITICAL, AND SIMILAR  
.ORGANIZATIONS  
813M .SRV-CIVIC, SOCIAL, ADVOCACY ORGANIZATIONS, AND  
.GRANTMAKING AND GIVING SERVICES  
814 .SRV-PRIVATE HOUSEHOLDS

92113 .ADM-PUBLIC FINANCE ACTIVITIES  
 92119 .ADM-OTHER GENERAL GOVERNMENT AND SUPPORT  
 9211MP .ADM-EXECUTIVE OFFICES AND LEGISLATIVE BODIES  
 923 .ADM-ADMINISTRATION OF HUMAN RESOURCE PROGRAMS  
 928110P1 .MIL-U.S. ARMY  
 928110P2 .MIL-U.S. AIR FORCE  
 928110P3 .MIL-U.S. NAVY  
 928110P4 .MIL-U.S. MARINES  
 928110P5 .MIL-U.S. COAST GUARD  
 928110P6 .MIL-U.S. ARMED FORCES, BRANCH NOT SPECIFIED  
 928110P7 .MIL-MILITARY RESERVES OR NATIONAL GUARD  
 928P .ADM-NATIONAL SECURITY AND INTERNATIONAL AFFAIRS  
 92M1 .ADM-ADMINISTRATION OF ENVIRONMENTAL QUALITY AND HOUSING  
 .PROGRAMS  
 92M2 .ADM-ADMINISTRATION OF ECONOMIC PROGRAMS AND SPACE  
 .RESEARCH  
 92MP .ADM-JUSTICE, PUBLIC ORDER, AND SAFETY ACTIVITIES  
 9920 .UNEMPLOYED AND LAST WORKED 5 YEARS AGO OR EARLIER OR  
 .NEVER WORKED\*\*

Note: For additional information on NAICS and SOC groupings within major categories visit our website at:

<https://www.census.gov/people/io/methodology/indexes.html>.

NATIVITY 1  
     Nativity  
         1 .Native  
         2 .Foreign born

NOP 1  
     Nativity of parent  
         b .N/A (greater than 17 years old/not an own child of  
            .householder,and not child in subfamily)  
         1 .Living with two parents: Both parents NATIVE  
         2 .Living with two parents: Father only FOREIGN BORN  
         3 .Living with two parents: Mother only FOREIGN BORN  
         4 .Living with two parents: BOTH parents FOREIGN BORN  
         5 .Living with father only: Father NATIVE  
         6 .Living with father only: Father FOREIGN BORN  
         7 .Living with mother only: Mother NATIVE  
         8 .Living with mother only: Mother FOREIGN BORN

OC 1  
     Own child  
         0 .No (includes GQ)  
         1 .Yes

OCCP 4  
     Occupation recode for 2012 and later based on 2010 OCC codes  
     bbbb .N/A (less than 16 years old/NILF who last worked  
            .more than 5 years ago or never worked)  
     0010 .MGR-CHIEF EXECUTIVES AND LEGISLATORS  
     0020 .MGR-GENERAL AND OPERATIONS MANAGERS  
     0040 .MGR-ADVERTISING AND PROMOTIONS MANAGERS

0050 .MGR-MARKETING AND SALES MANAGERS  
0060 .MGR-PUBLIC RELATIONS AND FUNDRAISING MANAGERS  
0100 .MGR-ADMINISTRATIVE SERVICES MANAGERS  
0110 .MGR-COMPUTER AND INFORMATION SYSTEMS MANAGERS  
0120 .MGR-FINANCIAL MANAGERS  
0135 .MGR-COMPENSATION AND BENEFITS MANAGERS  
0136 .MGR-HUMAN RESOURCES MANAGERS  
0137 .MGR-TRAINING AND DEVELOPMENT MANAGERS  
0140 .MGR-INDUSTRIAL PRODUCTION MANAGERS  
0150 .MGR-PURCHASING MANAGERS  
0160 .MGR-TRANSPORTATION, STORAGE, AND DISTRIBUTION MANAGERS  
0205 .MGR-FARMERS, RANCHERS, AND OTHER AGRICULTURAL MANAGERS  
0220 .MGR-CONSTRUCTION MANAGERS  
0230 .MGR-EDUCATION ADMINISTRATORS  
0300 .MGR-ARCHITECTURAL AND ENGINEERING MANAGERS  
0310 .MGR-FOOD SERVICE MANAGERS  
0330 .MGR-GAMING MANAGERS  
0340 .MGR-LODGING MANAGERS  
0350 .MGR-MEDICAL AND HEALTH SERVICES MANAGERS  
0360 .MGR-NATURAL SCIENCES MANAGERS  
0410 .MGR-PROPERTY, REAL ESTATE, AND COMMUNITY ASSOCIATION  
.MANAGERS  
0420 .MGR-SOCIAL AND COMMUNITY SERVICE MANAGERS  
0425 .MGR-EMERGENCY MANAGEMENT DIRECTORS  
0430 .MGR-MISCELLANEOUS MANAGERS, INCLUDING FUNERAL SERVICE  
.MANAGERS AND POSTMASTERS AND MAIL SUPERINTENDENTS  
0500 .BUS-AGENTS AND BUSINESS MANAGERS OF ARTISTS, PERFORMERS,  
.AND ATHLETES  
0510 .BUS-BUYERS AND PURCHASING AGENTS, FARM PRODUCTS  
0520 .BUS-WHOLESALE AND RETAIL BUYERS, EXCEPT FARM PRODUCTS  
0530 .BUS-PURCHASING AGENTS, EXCEPT WHOLESALE, RETAIL, AND FARM  
.PRODUCTS  
0540 .BUS-CLAIMS ADJUSTERS, APPRAISERS, EXAMINERS, AND  
.INVESTIGATORS  
0565 .BUS-COMPLIANCE OFFICERS  
0600 .BUS-COST ESTIMATORS  
0630 .BUS-HUMAN RESOURCES WORKERS  
0640 .BUS-COMPENSATION, BENEFITS, AND JOB ANALYSIS SPECIALISTS  
0650 .BUS-TRAINING AND DEVELOPMENT SPECIALISTS  
0700 .BUS-LOGISTICIANS  
0710 .BUS-MANAGEMENT ANALYSTS  
0725 .BUS-MEETING, CONVENTION, AND EVENT PLANNERS  
0726 .BUS-FUNDRAISERS  
0735 .BUS-MARKET RESEARCH ANALYSTS AND MARKETING SPECIALISTS  
0740 .BUS-BUSINESS OPERATIONS SPECIALISTS, ALL OTHER  
0800 .FIN-ACCOUNTANTS AND AUDITORS  
0810 .FIN-APPRAISERS AND ASSESSORS OF REAL ESTATE  
0820 .FIN-BUDGET ANALYSTS  
0830 .FIN-CREDIT ANALYSTS  
0840 .FIN-FINANCIAL ANALYSTS  
0850 .FIN-PERSONAL FINANCIAL ADVISORS  
0860 .FIN-INSURANCE UNDERWRITERS  
0900 .FIN-FINANCIAL EXAMINERS  
0910 .FIN-CREDIT COUNSELORS AND LOAN OFFICERS

0930 .FIN-TAX EXAMINERS AND COLLECTORS, AND REVENUE AGENTS  
 0940 .FIN-TAX PREPARERS  
 0950 .FIN-FINANCIAL SPECIALISTS, ALL OTHER  
 1005 .CMM-COMPUTER AND INFORMATION RESEARCH SCIENTISTS  
 1006 .CMM-COMPUTER SYSTEMS ANALYSTS  
 1007 .CMM-INFORMATION SECURITY ANALYSTS  
 1010 .CMM-COMPUTER PROGRAMMERS  
 1020 .CMM-SOFTWARE DEVELOPERS, APPLICATIONS AND SYSTEMS SOFTWARE  
 1030 .CMM-WEB DEVELOPERS  
 1050 .CMM-COMPUTER SUPPORT SPECIALISTS  
 1060 .CMM-DATABASE ADMINISTRATORS  
 1105 .CMM-NETWORK AND COMPUTER SYSTEMS ADMINISTRATORS  
 1106 .CMM-COMPUTER NETWORK ARCHITECTS  
 1107 .CMM-COMPUTER OCCUPATIONS, ALL OTHER  
 1200 .CMM-ACTUARIES  
 1220 .CMM-OPERATIONS RESEARCH ANALYSTS  
 1240 .CMM-MISCELLANEOUS MATHEMATICAL SCIENCE OCCUPATIONS,  
 .INCLUDING MATHEMATICIANS AND STATISTICIANS  
 1300 .ENG-ARCHITECTS, EXCEPT NAVAL  
 1310 .ENG-SURVEYORS, CARTOGRAPHERS, AND PHOTOGRAMMETRISTS  
 1320 .ENG-AEROSPACE ENGINEERS  
 1340 .ENG-BIOMEDICAL AND AGRICULTURAL ENGINEERS  
 1350 .ENG-CHEMICAL ENGINEERS  
 1360 .ENG-CIVIL ENGINEERS  
 1400 .ENG-COMPUTER HARDWARE ENGINEERS  
 1410 .ENG-ELECTRICAL AND ELECTRONICS ENGINEERS  
 1420 .ENG-ENVIRONMENTAL ENGINEERS  
 1430 .ENG-INDUSTRIAL ENGINEERS, INCLUDING HEALTH AND SAFETY  
 1440 .ENG-MARINE ENGINEERS AND NAVAL ARCHITECTS  
 1450 .ENG-MATERIALS ENGINEERS  
 1460 .ENG-MECHANICAL ENGINEERS  
 1520 .ENG-PETROLEUM, MINING AND GEOLOGICAL ENGINEERS, INCLUDING  
 .MINING SAFETY ENGINEERS  
 1530 .ENG-MISCELLANEOUS ENGINEERS, INCLUDING NUCLEAR ENGINEERS  
 1540 .ENG-DRAFTERS  
 1550 .ENG-ENGINEERING TECHNICIANS, EXCEPT DRAFTERS  
 1560 .ENG-SURVEYING AND MAPPING TECHNICIANS  
 1600 .SCI-AGRICULTURAL AND FOOD SCIENTISTS  
 1610 .SCI-BIOLOGICAL SCIENTISTS  
 1640 .SCI-CONSERVATION SCIENTISTS AND FORESTERS  
 1650 .SCI-MEDICAL SCIENTISTS, AND LIFE SCIENTISTS, ALL OTHER  
 1700 .SCI-ASTRONOMERS AND PHYSICISTS  
 1710 .SCI-ATMOSPHERIC AND SPACE SCIENTISTS  
 1720 .SCI-CHEMISTS AND MATERIALS SCIENTISTS  
 1740 .SCI-ENVIRONMENTAL SCIENTISTS AND GEOSCIENTISTS  
 1760 .SCI-PHYSICAL SCIENTISTS, ALL OTHER  
 1800 .SCI-ECONOMISTS  
 1820 .SCI-PSYCHOLOGISTS  
 1840 .SCI-URBAN AND REGIONAL PLANNERS  
 1860 .SCI-MISCELLANEOUS SOCIAL SCIENTISTS, INCLUDING SURVEY  
 .RESEARCHERS AND SOCIOLOGISTS  
 1900 .SCI-AGRICULTURAL AND FOOD SCIENCE TECHNICIANS  
 1910 .SCI-BIOLOGICAL TECHNICIANS  
 1920 .SCI-CHEMICAL TECHNICIANS

1930 .SCI-GEOLOGICAL AND PETROLEUM TECHNICIANS, AND NUCLEAR  
.TECHNICIANS  
1965 .SCI-MISCELLANEOUS LIFE, PHYSICAL, AND SOCIAL SCIENCE  
.TECHNICIANS, INCLUDING SOCIAL SCIENCE RESEARCH ASSISTANTS  
2000 .CMS-COUNSELORS  
2010 .CMS-SOCIAL WORKERS  
2015 .CMS-PROBATION OFFICERS AND CORRECTIONAL TREATMENT  
.SPECIALISTS  
2016 .CMS-SOCIAL AND HUMAN SERVICE ASSISTANTS  
2025 .CMS-MISCELLANEOUS COMMUNITY AND SOCIAL SERVICE  
.SPECIALISTS, INCLUDING HEALTH EDUCATORS AND COMMUNITY  
.HEALTH WORKERS  
2040 .CMS-CLERGY  
2050 .CMS-DIRECTORS, RELIGIOUS ACTIVITIES AND EDUCATION  
2060 .CMS-RELIGIOUS WORKERS, ALL OTHER  
2100 .LGL-LAWYERS, AND JUDGES, MAGISTRATES, AND OTHER JUDICIAL  
.WORKERS  
2105 .LGL-JUDICIAL LAW CLERKS  
2145 .LGL-PARALEGALS AND LEGAL ASSISTANTS  
2160 .LGL-MISCELLANEOUS LEGAL SUPPORT WORKERS  
2200 .EDU-POSTSECONDARY TEACHERS  
2300 .EDU-PRESCHOOL AND KINDERGARTEN TEACHERS  
2310 .EDU-ELEMENTARY AND MIDDLE SCHOOL TEACHERS  
2320 .EDU-SECONDARY SCHOOL TEACHERS  
2330 .EDU-SPECIAL EDUCATION TEACHERS  
2340 .EDU-OTHER TEACHERS AND INSTRUCTORS  
2400 .EDU-ARCHIVISTS, CURATORS, AND MUSEUM TECHNICIANS  
2430 .EDU-LIBRARIANS  
2440 .EDU-LIBRARY TECHNICIANS  
2540 .EDU-TEACHER ASSISTANTS  
2550 .EDU-OTHER EDUCATION, TRAINING, AND LIBRARY WORKERS  
2600 .ENT-ARTISTS AND RELATED WORKERS  
2630 .ENT-DESIGNERS  
2700 .ENT-ACTORS  
2710 .ENT-PRODUCERS AND DIRECTORS  
2720 .ENT-ATHLETES, COACHES, UMPIRES, AND RELATED WORKERS  
2740 .ENT-DANCERS AND CHOREOGRAPHERS  
2750 .ENT-MUSICIANS, SINGERS, AND RELATED WORKERS  
2760 .ENT-ENTERTAINERS AND PERFORMERS, SPORTS AND RELATED  
.WORKERS, ALL OTHER  
2800 .ENT-ANNOUNCERS  
2810 .ENT-NEWS ANALYSTS, REPORTERS AND CORRESPONDENTS  
2825 .ENT-PUBLIC RELATIONS SPECIALISTS  
2830 .ENT-EDITORS  
2840 .ENT-TECHNICAL WRITERS  
2850 .ENT-WRITERS AND AUTHORS  
2860 .ENT-MISCELLANEOUS MEDIA AND COMMUNICATION WORKERS  
2900 .ENT-BROADCAST AND SOUND ENGINEERING TECHNICIANS AND RADIO  
.OPERATORS, AND MEDIA AND COMMUNICATION EQUIPMENT WORKERS,  
.ALL OTHER  
2910 .ENT-PHOTOGRAPHERS  
2920 .ENT-TELEVISION, VIDEO, AND MOTION PICTURE CAMERA OPERATORS  
.AND EDITORS  
3000 .MED-CHIROPRACTORS

3010 .MED-DENTISTS  
3030 .MED-DIETITIANS AND NUTRITIONISTS  
3040 .MED-OPTOMETRISTS  
3050 .MED-PHARMACISTS  
3060 .MED-PHYSICIANS AND SURGEONS  
3110 .MED-PHYSICIAN ASSISTANTS  
3120 .MED-PODIATRISTS  
3140 .MED-AUDIOLOGISTS  
3150 .MED-OCCUPATIONAL THERAPISTS  
3160 .MED-PHYSICAL THERAPISTS  
3200 .MED-RADIATION THERAPISTS  
3210 .MED-RECREATIONAL THERAPISTS  
3220 .MED-RESPIRATORY THERAPISTS  
3230 .MED-SPEECH-LANGUAGE PATHOLOGISTS  
3245 .MED-OTHER THERAPISTS, INCLUDING EXERCISE PHYSIOLOGISTS  
3250 .MED-VETERINARIANS  
3255 .MED-REGISTERED NURSES  
3256 .MED-NURSE ANESTHETISTS  
3258 .MED-NURSE PRACTITIONERS, AND NURSE MIDWIVES  
3260 .MED-HEALTH DIAGNOSING AND TREATING PRACTITIONERS, ALL  
.OTHER  
3300 .MED-CLINICAL LABORATORY TECHNOLOGISTS AND TECHNICIANS  
3310 .MED-DENTAL HYGIENISTS  
3320 .MED-DIAGNOSTIC RELATED TECHNOLOGISTS AND TECHNICIANS  
3400 .MED-EMERGENCY MEDICAL TECHNICIANS AND PARAMEDICS  
3420 .MED-HEALTH PRACTITIONER SUPPORT TECHNOLOGISTS AND  
. TECHNICIANS  
3500 .MED-LICENSED PRACTICAL AND LICENSED VOCATIONAL NURSES  
3510 .MED-MEDICAL RECORDS AND HEALTH INFORMATION TECHNICIANS  
3520 .MED-OPTICIANS, DISPENSING  
3535 .MED-MISCELLANEOUS HEALTH TECHNOLOGISTS AND TECHNICIANS  
3540 .MED-OTHER HEALTHCARE PRACTITIONERS AND TECHNICAL  
. OCCUPATIONS  
3600 .HLS-NURSING, PSYCHIATRIC, AND HOME HEALTH AIDES  
3610 .HLS-OCCUPATIONAL THERAPY ASSISTANTS AND AIDES  
3620 .HLS-PHYSICAL THERAPIST ASSISTANTS AND AIDES  
3630 .HLS-MASSAGE THERAPISTS  
3640 .HLS-DENTAL ASSISTANTS  
3645 .HLS-MEDICAL ASSISTANTS  
3646 .HLS-MEDICAL TRANSCRIPTIONISTS  
3647 .HLS-PHARMACY AIDES  
3648 .HLS-VETERINARY ASSISTANTS AND LABORATORY ANIMAL CARETAKERS  
3649 .HLS-PHLEBOTOMISTS  
3655 .HLS-HEALTHCARE SUPPORT WORKERS, ALL OTHER, INCLUDING  
. MEDICAL EQUIPMENT PREPARERS  
3700 .PRT-FIRST-LINE SUPERVISORS OF CORRECTIONAL OFFICERS  
3710 .PRT-FIRST-LINE SUPERVISORS OF POLICE AND DETECTIVES  
3720 .PRT-FIRST-LINE SUPERVISORS OF FIRE FIGHTING AND PREVENTION  
. WORKERS  
3730 .PRT-FIRST-LINE SUPERVISORS OF PROTECTIVE SERVICE WORKERS,  
. ALL OTHER  
3740 .PRT-FIREFIGHTERS  
3750 .PRT-FIRE INSPECTORS  
3800 .PRT-BAILIFFS, CORRECTIONAL OFFICERS, AND JAILERS

3820 .PRT-DETECTIVES AND CRIMINAL INVESTIGATORS  
3840 .PRT-MISCELLANEOUS LAW ENFORCEMENT WORKERS  
3850 .PRT-POLICE OFFICERS  
3900 .PRT-ANIMAL CONTROL WORKERS  
3910 .PRT-PRIVATE DETECTIVES AND INVESTIGATORS  
3930 .PRT-SECURITY GUARDS AND GAMING SURVEILLANCE OFFICERS  
3940 .PRT-CROSSING GUARDS  
3945 .PRT-TRANSPORTATION SECURITY SCREENERs  
3955 .PRT-LIFEGUARDS AND OTHER RECREATIONAL, AND ALL OTHER  
.PROTECTIVE SERVICE WORKERS  
4000 .EAT-CHEFS AND HEAD COOKS  
4010 .EAT-FIRST-LINE SUPERVISORS OF FOOD PREPARATION AND SERVING  
.WORKERS  
4020 .EAT-COOKS  
4030 .EAT-FOOD PREPARATION WORKERS  
4040 .EAT-BARTENDERS  
4050 .EAT-COMBINED FOOD PREPARATION AND SERVING WORKERS,  
.INCLUDING FAST FOOD  
4060 .EAT-COUNTER ATTENDANTS, CAFETERIA, FOOD CONCESSION, AND  
.COFFEE SHOP  
4110 .EAT-WAITERS AND WAITRESSES  
4120 .EAT-FOOD SERVERS, NONRESTAURANT  
4130 .EAT-MISCELLANEOUS FOOD PREPARATION AND SERVING RELATED  
.WORKERS, INCLUDING DINING ROOM AND CAFETERIA ATTENDANTS  
.AND BARTENDER HELPERS  
4140 .EAT-DISHWASHERS  
4150 .EAT-HOSTS AND HOSTESSES, RESTAURANT, LOUNGE, AND COFFEE  
.SHOP  
4200 .CLN-FIRST-LINE SUPERVISORS OF HOUSEKEEPING AND JANITORIAL  
.WORKERS  
4210 .CLN-FIRST-LINE SUPERVISORS OF LANDSCAPING, LAWN SERVICE,  
.AND GROUNDSKEEPING WORKERS  
4220 .CLN-JANITORS AND BUILDING CLEANERS  
4230 .CLN-MAIDS AND HOUSEKEEPING CLEANERS  
4240 .CLN-PEST CONTROL WORKERS  
4250 .CLN-GROUNDS MAINTENANCE WORKERS  
4300 .PRS-FIRST-LINE SUPERVISORS OF GAMING WORKERS  
4320 .PRS-FIRST-LINE SUPERVISORS OF PERSONAL SERVICE WORKERS  
4340 .PRS-ANIMAL TRAINERS  
4350 .PRS-NONFARM ANIMAL CARETAKERS  
4400 .PRS-GAMING SERVICES WORKERS  
4410 .PRS-MOTION PICTURE PROJECTIONISTS  
4420 .PRS-USHERS, LOBBY ATTENDANTS, AND TICKET TAKERS  
4430 .PRS-MISCELLANEOUS ENTERTAINMENT ATTENDANTS AND RELATED  
.WORKERS  
4460 .PRS-EMBALMERS AND FUNERAL ATTENDANTS  
4465 .PRS-MORTICIANS, UNDERTAKERS, AND FUNERAL DIRECTORS  
4500 .PRS-BARBERS  
4510 .PRS-HAIRDRESSERS, HAIRSTYLISTS, AND COSMETOLOGISTS  
4520 .PRS-MISCELLANEOUS PERSONAL APPEARANCE WORKERS  
4530 .PRS-BAGGAGE PORTERS, BELLHOPS, AND CONCIERGES  
4540 .PRS-TOUR AND TRAVEL GUIDES  
4600 .PRS-CHILDCARE WORKERS  
4610 .PRS-PERSONAL CARE AIDES

4620 .PRS-RECREATION AND FITNESS WORKERS  
4640 .PRS-RESIDENTIAL ADVISORS  
4650 .PRS-PERSONAL CARE AND SERVICE WORKERS, ALL OTHER  
4700 .SAL-FIRST-LINE SUPERVISORS OF RETAIL SALES WORKERS  
4710 .SAL-FIRST-LINE SUPERVISORS OF NON-RETAIL SALES WORKERS  
4720 .SAL-CASHIERS  
4740 .SAL-COUNTER AND RENTAL CLERKS  
4750 .SAL-PARTS SALESPERSONS  
4760 .SAL-RETAIL SALESPERSONS  
4800 .SAL-ADVERTISING SALES AGENTS  
4810 .SAL-INSURANCE SALES AGENTS  
4820 .SAL-SECURITIES, COMMODITIES, AND FINANCIAL SERVICES SALES  
.AGENTS  
4830 .SAL-TRAVEL AGENTS  
4840 .SAL-SALES REPRESENTATIVES, SERVICES, ALL OTHER  
4850 .SAL-SALES REPRESENTATIVES, WHOLESALE AND MANUFACTURING  
4900 .SAL-MODELS, DEMONSTRATORS, AND PRODUCT PROMOTERS  
4920 .SAL-REAL ESTATE BROKERS AND SALES AGENTS  
4930 .SAL-SALES ENGINEERS  
4940 .SAL-TELEMARKETERS  
4950 .SAL-DOOR-TO-DOOR SALES WORKERS, NEWS AND STREET VENDORS,  
.AND RELATED WORKERS  
4965 .SAL-SALES AND RELATED WORKERS, ALL OTHER  
5000 .OFF-FIRST-LINE SUPERVISORS OF OFFICE AND ADMINISTRATIVE  
.SUPPORT WORKERS  
5010 .OFF-SWITCHBOARD OPERATORS, INCLUDING ANSWERING SERVICE  
5020 .OFF-TELEPHONE OPERATORS  
5030 .OFF-COMMUNICATIONS EQUIPMENT OPERATORS, ALL OTHER  
5100 .OFF-BILL AND ACCOUNT COLLECTORS  
5110 .OFF-BILLING AND POSTING CLERKS  
5120 .OFF-BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS  
5130 .OFF-GAMING CAGE WORKERS  
5140 .OFF-PAYROLL AND TIMEKEEPING CLERKS  
5150 .OFF-PROCUREMENT CLERKS  
5160 .OFF-TELLERS  
5165 .OFF-FINANCIAL CLERKS, ALL OTHER  
5200 .OFF-BROKERAGE CLERKS  
5220 .OFF-COURT, MUNICIPAL, AND LICENSE CLERKS  
5230 .OFF-CREDIT AUTHORIZERS, CHECKERS, AND CLERKS  
5240 .OFF-CUSTOMER SERVICE REPRESENTATIVES  
5250 .OFF-ELIGIBILITY INTERVIEWERS, GOVERNMENT PROGRAMS  
5260 .OFF-FILE CLERKS  
5300 .OFF-HOTEL, MOTEL, AND RESORT DESK CLERKS  
5310 .OFF-INTERVIEWERS, EXCEPT ELIGIBILITY AND LOAN  
5320 .OFF-LIBRARY ASSISTANTS, CLERICAL  
5330 .OFF-LOAN INTERVIEWERS AND CLERKS  
5340 .OFF-NEW ACCOUNTS CLERKS  
5350 .OFF-CORRESPONDENCE CLERKS AND ORDER CLERKS  
5360 .OFF-HUMAN RESOURCES ASSISTANTS, EXCEPT PAYROLL AND  
.TIMEKEEPING  
5400 .OFF-RECEPTIONISTS AND INFORMATION CLERKS  
5410 .OFF-RESERVATION AND TRANSPORTATION TICKET AGENTS AND  
.TRAVEL CLERKS  
5420 .OFF-INFORMATION AND RECORD CLERKS, ALL OTHER



5500 .OFF-CARGO AND FREIGHT AGENTS  
5510 .OFF-COURIERS AND MESSENGERS  
5520 .OFF-DISPATCHERS  
5530 .OFF-METER READERS, UTILITIES  
5540 .OFF-POSTAL SERVICE CLERKS  
5550 .OFF-POSTAL SERVICE MAIL CARRIERS  
5560 .OFF-POSTAL SERVICE MAIL SORTERS, PROCESSORS, AND  
.PROCESSING MACHINE OPERATORS  
5600 .OFF-PRODUCTION, PLANNING, AND EXPEDITING CLERKS  
5610 .OFF-SHIPPING, RECEIVING, AND TRAFFIC CLERKS  
5620 .OFF-STOCK CLERKS AND ORDER FILLERS  
5630 .OFF-WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS,  
.RECORDKEEPING  
5700 .OFF-SECRETARIES AND ADMINISTRATIVE ASSISTANTS  
5800 .OFF-COMPUTER OPERATORS  
5810 .OFF-DATA ENTRY KEYERS  
5820 .OFF-WORD PROCESSORS AND TYPISTS  
5840 .OFF-INSURANCE CLAIMS AND POLICY PROCESSING CLERKS  
5850 .OFF-MAIL CLERKS AND MAIL MACHINE OPERATORS, EXCEPT POSTAL  
.SERVICE  
5860 .OFF-OFFICE CLERKS, GENERAL  
5900 .OFF-OFFICE MACHINE OPERATORS, EXCEPT COMPUTER  
5910 .OFF-PROOFREADERS AND COPY MARKERS  
5920 .OFF-STATISTICAL ASSISTANTS  
5940 .OFF-MISCELLANEOUS OFFICE AND ADMINISTRATIVE SUPPORT  
.WORKERS, INCLUDING DESKTOP PUBLISHERS  
6005 .FFF-FIRST-LINE SUPERVISORS OF FARMING, FISHING, AND  
.FORESTRY WORKERS  
6010 .FFF-AGRICULTURAL INSPECTORS  
6040 .FFF-GRADERS AND SORTERS, AGRICULTURAL PRODUCTS  
6050 .FFF-MISCELLANEOUS AGRICULTURAL WORKERS, INCLUDING ANIMAL  
.BREEDERS  
6100 .FFF-FISHING AND HUNTING WORKERS  
6120 .FFF-FOREST AND CONSERVATION WORKERS  
6130 .FFF-LOGGING WORKERS  
6200 .CON-FIRST-LINE SUPERVISORS OF CONSTRUCTION TRADES AND  
.EXTRACTION WORKERS  
6210 .CON-BOILERMAKERS  
6220 .CON-BRICKMASONS, BLOCKMASONS, STONEMASONS, AND  
.REINFORCING IRON AND REBAR WORKERS  
6230 .CON-CARPENTERS  
6240 .CON-CARPET, FLOOR, AND TILE INSTALLERS AND FINISHERS  
6250 .CON-CEMENT MASONS, CONCRETE FINISHERS, AND TERRAZZO  
.WORKERS  
6260 .CON-CONSTRUCTION LABORERS  
6300 .CON-PAVING, SURFACING, AND TAMPING EQUIPMENT OPERATORS  
6320 .CON-CONSTRUCTION EQUIPMENT OPERATORS, EXCEPT PAVING,  
.SURFACING, AND TAMPING EQUIPMENT OPERATORS  
6330 .CON-DRYWALL INSTALLERS, CEILING TILE INSTALLERS, AND  
.TAPERS  
6355 .CON-ELECTRICIANS  
6360 .CON-GLAZIERS  
6400 .CON-INSULATION WORKERS  
6420 .CON-PAINTERS AND PAPERHANGERS

6440 .CON-PIPELAYERS, PLUMBERS, PIPEFITTERS, AND STEAMFITTERS  
6460 .CON-PLASTERERS AND STUCCO MASONS  
6515 .CON-ROOFERS  
6520 .CON-SHEET METAL WORKERS  
6530 .CON-STRUCTURAL IRON AND STEEL WORKERS  
6600 .CON-HELPERS, CONSTRUCTION TRADES  
6660 .CON-CONSTRUCTION AND BUILDING INSPECTORS  
6700 .CON-ELEVATOR INSTALLERS AND REPAIRERS  
6710 .CON-FENCE ERECTORS  
6720 .CON-HAZARDOUS MATERIALS REMOVAL WORKERS  
6730 .CON-HIGHWAY MAINTENANCE WORKERS  
6740 .CON-RAIL-TRACK LAYING AND MAINTENANCE EQUIPMENT OPERATORS  
6765 .CON-MISCELLANEOUS CONSTRUCTION WORKERS, INCLUDING SOLAR  
.PHOTOVOLTAIC INSTALLERS, SEPTIC TANK SERVICERS AND SEWER  
.PIPE CLEANERS  
6800 .EXT-DERRICK, ROTARY DRILL, AND SERVICE UNIT OPERATORS, AND  
.ROUSTABOUTS, OIL, GAS, AND MINING  
6820 .EXT-EARTH DRILLERS, EXCEPT OIL AND GAS  
6830 .EXT-EXPLOSIVES WORKERS, ORDNANCE HANDLING EXPERTS, AND  
.BLASTERS  
6840 .EXT-MINING MACHINE OPERATORS  
6940 .EXT-MISCELLANEOUS EXTRACTION WORKERS, INCLUDING ROOF  
.BOLTERS AND HELPERS  
7000 .RPR-FIRST-LINE SUPERVISORS OF MECHANICS, INSTALLERS, AND  
.REPAIRERS  
7010 .RPR-COMPUTER, AUTOMATED TELLER, AND OFFICE MACHINE  
.REPAIRERS  
7020 .RPR-RADIO AND TELECOMMUNICATIONS EQUIPMENT INSTALLERS AND  
.REPAIRERS  
7030 .RPR-AVIONICS TECHNICIANS  
7040 .RPR-ELECTRIC MOTOR, POWER TOOL, AND RELATED REPAIRERS  
7100 .RPR-ELECTRICAL AND ELECTRONICS REPAIRERS, TRANSPORTATION  
.EQUIPMENT, AND INDUSTRIAL AND UTILITY  
7110 .RPR-ELECTRONIC EQUIPMENT INSTALLERS AND REPAIRERS, MOTOR  
.VEHICLES  
7120 .RPR-ELECTRONIC HOME ENTERTAINMENT EQUIPMENT INSTALLERS AND  
.REPAIRERS  
7130 .RPR-SECURITY AND FIRE ALARM SYSTEMS INSTALLERS  
7140 .RPR-AIRCRAFT MECHANICS AND SERVICE TECHNICIANS  
7150 .RPR-AUTOMOTIVE BODY AND RELATED REPAIRERS  
7160 .RPR-AUTOMOTIVE GLASS INSTALLERS AND REPAIRERS  
7200 .RPR-AUTOMOTIVE SERVICE TECHNICIANS AND MECHANICS  
7210 .RPR-BUS AND TRUCK MECHANICS AND DIESEL ENGINE SPECIALISTS  
7220 .RPR-HEAVY VEHICLE AND MOBILE EQUIPMENT SERVICE TECHNICIANS  
.AND MECHANICS  
7240 .RPR-SMALL ENGINE MECHANICS  
7260 .RPR-MISCELLANEOUS VEHICLE AND MOBILE EQUIPMENT MECHANICS,  
.INSTALLERS, AND REPAIRERS  
7300 .RPR-CONTROL AND VALVE INSTALLERS AND REPAIRERS  
7315 .RPR-HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS  
.AND INSTALLERS  
7320 .RPR-HOME APPLIANCE REPAIRERS  
7330 .RPR-INDUSTRIAL AND REFRACTORY MACHINERY MECHANICS  
7340 .RPR-MAINTENANCE AND REPAIR WORKERS, GENERAL

7350 .RPR-MAINTENANCE WORKERS, MACHINERY  
7360 .RPR-MILLWRIGHTS  
7410 .RPR-ELECTRICAL POWER-LINE INSTALLERS AND REPAIRERS  
7420 .RPR-TELECOMMUNICATIONS LINE INSTALLERS AND REPAIRERS  
7430 .RPR-PRECISION INSTRUMENT AND EQUIPMENT REPAIRERS  
7510 .RPR-COIN, VENDING, AND AMUSEMENT MACHINE SERVICERS AND  
.REPAIRERS  
7540 .RPR-LOCKSMITHS AND SAFE REPAIRERS  
7560 .RPR-RIGGERS  
7610 .RPR-HELPERS--INSTALLATION, MAINTENANCE, AND REPAIR WORKERS  
7630 .RPR-MISCELLANEOUS INSTALLATION, MAINTENANCE, AND REPAIR  
.WORKERS, INCLUDING WIND TURBINE SERVICE TECHNICIANS  
7700 .PRD-FIRST-LINE SUPERVISORS OF PRODUCTION AND OPERATING  
.WORKERS  
7710 .PRD-AIRCRAFT STRUCTURE, SURFACES, RIGGING, AND SYSTEMS  
.ASEMBLERS  
7720 .PRD-ELECTRICAL, ELECTRONICS, AND ELECTROMECHANICAL  
.ASEMBLERS  
7730 .PRD-ENGINE AND OTHER MACHINE ASSEMBLERS  
7740 .PRD-STRUCTURAL METAL FABRICATORS AND FITTERS  
7750 .PRD-MISCELLANEOUS ASSEMBLERS AND FABRICATORS  
7800 .PRD-BAKERS  
7810 .PRD-BUTCHERS AND OTHER MEAT, POULTRY, AND FISH PROCESSING  
.WORKERS  
7830 .PRD-FOOD AND TOBACCO ROASTING, BAKING, AND DRYING MACHINE  
.OPERATORS AND TENDERS  
7840 .PRD-FOOD BATCHMAKERS  
7850 .PRD-FOOD COOKING MACHINE OPERATORS AND TENDERS\  
7855 .PRD-FOOD PROCESSING WORKERS, ALL OTHER  
7900 .PRD-COMPUTER CONTROL PROGRAMMERS AND OPERATORS  
7920 .PRD-EXTRUDING AND DRAWING MACHINE SETTERS, OPERATORS, AND  
.TENDERS, METAL AND PLASTIC  
7930 .PRD-FORGING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL  
.AND PLASTIC  
7940 .PRD-ROLLING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL  
.AND PLASTIC  
7950 .PRD-MACHINE TOOL CUTTING SETTERS, OPERATORS, AND TENDERS,  
.METAL AND PLASTIC  
8030 .PRD-MACHINISTS  
8040 .PRD-METAL FURNACE OPERATORS, TENDERS, POURERS, AND CASTERS  
8100 .PRD-MODEL MAKERS, PATTERNMAKERS, AND MOLDING MACHINE  
.SETTERS, METAL AND PLASTIC  
8130 .PRD-TOOL AND DIE MAKERS  
8140 .PRD-WELDING, SOLDERING, AND BRAZING WORKERS  
8220 .PRD-MISCELLANEOUS METAL WORKERS AND PLASTIC WORKERS,  
.INCLUDING MULTIPLE MACHINE TOOL SETTERS  
8250 .PRD-PREPRESS TECHNICIANS AND WORKERS  
8255 .PRD-PRINTING PRESS OPERATORS  
8256 .PRD-PRINT BINDING AND FINISHING WORKERS  
8300 .PRD-LAUNDRY AND DRY-CLEANING WORKERS  
8310 .PRD-PRESSERS, TEXTILE, GARMENT, AND RELATED MATERIALS  
8320 .PRD-SEWING MACHINE OPERATORS  
8330 .PRD-SHOE AND LEATHER WORKERS  
8350 .PRD-TAILORS, DRESSMAKERS, AND SEWERS

8400 .PRD-TEXTILE BLEACHING AND DYEING, AND CUTTING MACHINE  
.SETTERS, OPERATORS, AND TENDERS  
8410 .PRD-TEXTILE KNITTING AND WEAVING MACHINE SETTERS,  
.OPERATORS, AND TENDERS  
8420 .PRD-TEXTILE WINDING, TWISTING, AND DRAWING OUT MACHINE  
.SETTERS, OPERATORS, AND TENDERS  
8450 .PRD-UPHOLSTERERS  
8460 .PRD-MISCELLANEOUS TEXTILE, APPAREL, AND FURNISHINGS  
.WORKERS, EXCEPT UPHOLSTERERS  
8500 .PRD-CABINETMAKERS AND BENCH CARPENTERS  
8510 .PRD-FURNITURE FINISHERS  
8530 .PRD-SAWING MACHINE SETTERS, OPERATORS, AND TENDERS, WOOD  
8540 .PRD-WOODWORKING MACHINE SETTERS, OPERATORS, AND TENDERS,  
.EXCEPT SAWING  
8550 .PRD-MISCELLANEOUS WOODWORKERS, INCLUDING MODEL MAKERS AND  
.PATTERNMAKERS  
8600 .PRD-POWER PLANT OPERATORS, DISTRIBUTORS, AND DISPATCHERS  
8610 .PRD-STATIONARY ENGINEERS AND BOILER OPERATORS  
8620 .PRD-WATER AND WASTEWATER TREATMENT PLANT AND SYSTEM  
.OPERATORS  
8630 .PRD-MISCELLANEOUS PLANT AND SYSTEM OPERATORS  
8640 .PRD-CHEMICAL PROCESSING MACHINE SETTERS, OPERATORS, AND  
.TENDERS  
8650 .PRD-CRUSHING, GRINDING, POLISHING, MIXING, AND BLENDING  
.WORKERS  
8710 .PRD-CUTTING WORKERS  
8720 .PRD-EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE  
.SETTERS, OPERATORS, AND TENDERS  
8730 .PRD-FURNACE, KILN, OVEN, DRIER, AND KETTLE OPERATORS AND  
.TENDERS  
8740 .PRD-INSPECTORS, TESTERS, SORTERS, SAMPLERS, AND WEIGHERS  
8750 .PRD-JEWELERS AND PRECIOUS STONE AND METAL WORKERS  
8760 .PRD-MEDICAL, DENTAL, AND OPHTHALMIC LABORATORY TECHNICIANS  
8800 .PRD-PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS  
8810 .PRD-PAINTING WORKERS  
8830 .PRD-PHOTOGRAPHIC PROCESS WORKERS AND PROCESSING MACHINE  
.OPERATORS  
8850 .PRD-ADHESIVE BONDING MACHINE OPERATORS AND TENDERS  
8910 .PRD-ETCHERS AND ENGRAVERS  
8920 .PRD-MOLDERS, SHAPERS, AND CASTERS, EXCEPT METAL AND  
.PLASTIC  
8930 .PRD-PAPER GOODS MACHINE SETTERS, OPERATORS, AND TENDERS  
8940 .PRD-TIRE BUILDERS  
8950 .PRD-HELPERS-PRODUCTION WORKERS  
8965 .PRD-MISCELLANEOUS PRODUCTION WORKERS, INCLUDING  
.SEMICONDUCTOR PROCESSORS  
9000 .TRN-SUPERVISORS OF TRANSPORTATION AND MATERIAL MOVING  
.WORKERS  
9030 .TRN-AIRCRAFT PILOTS AND FLIGHT ENGINEERS  
9040 .TRN-AIR TRAFFIC CONTROLLERS AND AIRFIELD OPERATIONS  
.SPECIALISTS  
9050 .TRN-FLIGHT ATTENDANTS  
9110 .TRN-AMBULANCE DRIVERS AND ATTENDANTS, EXCEPT EMERGENCY  
.MEDICAL TECHNICIANS

9120 .TRN-BUS DRIVERS  
 9130 .TRN-DRIVER/SALES WORKERS AND TRUCK DRIVERS  
 9140 .TRN-TAXI DRIVERS AND CHAUFFEURS  
 9150 .TRN-MOTOR VEHICLE OPERATORS, ALL OTHER  
 9200 .TRN-LOCOMOTIVE ENGINEERS AND OPERATORS  
 9240 .TRN-RAILROAD CONDUCTORS AND YARDMASTERS  
 9260 .TRN-SUBWAY, STREETCAR, AND OTHER RAIL TRANSPORTATION  
 .WORKERS  
 9300 .TRN-SAILORS AND MARINE OILERS, AND SHIP ENGINEERS  
 9310 .TRN-SHIP AND BOAT CAPTAINS AND OPERATORS  
 9350 .TRN-PARKING LOT ATTENDANTS  
 9360 .TRN-AUTOMOTIVE AND WATERCRAFT SERVICE ATTENDANTS  
 9410 .TRN-TRANSPORTATION INSPECTORS  
 9415 .TRN-TRANSPORTATION ATTENDANTS, EXCEPT FLIGHT ATTENDANTS  
 9420 .TRN-MISCELLANEOUS TRANSPORTATION WORKERS, INCLUDING BRIDGE  
 .AND LOCK TENDERS AND TRAFFIC TECHNICIANS  
 9510 .TRN-CRANE AND TOWER OPERATORS  
 9520 .TRN-DREDGE, EXCAVATING, AND LOADING MACHINE OPERATORS  
 9560 .TRN-CONVEYOR OPERATORS AND TENDERS, AND HOIST AND WINCH  
 .OPERATORS  
 9600 .TRN-INDUSTRIAL TRUCK AND TRACTOR OPERATORS  
 9610 .TRN-CLEANERS OF VEHICLES AND EQUIPMENT  
 9620 .TRN-LABORERS AND FREIGHT, STOCK, AND MATERIAL MOVERS, HAND  
 9630 .TRN-MACHINE FEEDERS AND OFFBEARERS  
 9640 .TRN-PACKERS AND PACKAGERS, HAND  
 9650 .TRN-PUMPING STATION OPERATORS  
 9720 .TRN-REFUSE AND RECYCLABLE MATERIAL COLLECTORS  
 9750 .TRN-MISCELLANEOUS MATERIAL MOVING WORKERS, INCLUDING  
 .MINE SHUTTLE CAR OPERATORS, AND TANK CAR, TRUCK, AND SHIP  
 .LOADERS  
 9800 .MIL-MILITARY OFFICER SPECIAL AND TACTICAL OPERATIONS  
 .LEADERS  
 9810 .MIL-FIRST-LINE ENLISTED MILITARY SUPERVISORS  
 9820 .MIL-MILITARY ENLISTED TACTICAL OPERATIONS AND AIR/WEAPONS  
 .SPECIALISTS AND CREW MEMBERS  
 9830 .MIL-MILITARY, RANK NOT SPECIFIED \*\*  
 9920 .UNEMPLOYED AND LAST WORKED 5 YEARS AGO OR EARLIER OR NEVER  
 .WORKED \*\*

Note: For additional information on NAICS and SOC groupings within major categories visit our website at:

<https://www.census.gov/people/io/methodology/indexes.html>.

PAOC 1  
 Presence and age of own children  
 b .N/A (male/female under 16 years old/GQ)  
 1 .Females with own children under 6 years only  
 2 .Females with own children 6 to 17 years only  
 3 .Females with own children under 6 years and 6 to 17 years  
 4 .Females with no own children  
  
 PERNP 7  
 Total person's earnings  
 bbbbbb .N/A (less than 15 years old)

0000000	.No earnings
-010000	.Loss of \$10000 or more (Rounded & bottom-coded components)
-000001...-009999	.Loss \$1 to \$9999 (Rounded components)
0000001	.\$1 or break even
0000002...9999999	.\$2 to \$9999999 (Rounded & top-coded components)

Note: Use ADJINC to adjust PERNP to constant dollars.

PINCP	7	Total person's income (signed)
bbbbbbb		.N/A (less than 15 years old)
0000000		.None
-019999		.Loss of \$19999 or more (Rounded & bottom-coded components)
-000001...-019998		.Loss \$1 to \$19998 (Rounded components)
0000001		.\$1 or break even
0000002...9999999		.\$2 to \$9999999 (Rounded & top-coded components)

Note: Use ADJINC to adjust PINCP to constant dollars.

POBP	3	Place of birth (Recode)
001		.Alabama/AL
002		.Alaska/AK
004		.Arizona/AZ
005		.Arkansas/AR
006		.California/CA
008		.Colorado/CO
009		.Connecticut/CT
010		.Delaware/DE
011		.District of Columbia/DC
012		.Florida/FL
013		.Georgia/GA
015		.Hawaii/HI
016		.Idaho/ID
017		.Illinois/IL
018		.Indiana/IN
019		.Iowa/IA
020		.Kansas/KS
021		.Kentucky/KY
022		.Louisiana/LA
023		.Maine/ME
024		.Maryland/MD
025		.Massachusetts/MA
026		.Michigan/MI
027		.Minnesota/MN
028		.Mississippi/MS
029		.Missouri/MO
030		.Montana/MT
031		.Nebraska/NE
032		.Nevada/NV
033		.New Hampshire/NH
034		.New Jersey/NJ

035 .New Mexico/NM  
036 .New York/NY  
037 .North Carolina/NC  
038 .North Dakota/ND  
039 .Ohio/OH  
040 .Oklahoma/OK  
041 .Oregon/OR  
042 .Pennsylvania/PA  
044 .Rhode Island/RI  
045 .South Carolina/SC  
046 .South Dakota/SD  
047 .Tennessee/TN  
048 .Texas/TX  
049 .Utah/UT  
050 .Vermont/VT  
051 .Virginia/VA  
053 .Washington/WA  
054 .West Virginia/WV  
055 .Wisconsin/WI  
056 .Wyoming/WY  
060 .American Samoa  
066 .Guam  
069 .Commonwealth of the Northern Mariana Islands  
072 .Puerto Rico  
078 .US Virgin Islands  
100 .Albania  
102 .Austria  
103 .Belgium  
104 .Bulgaria  
105 .Czechoslovakia  
106 .Denmark  
108 .Finland  
109 .France  
110 .Germany  
116 .Greece  
117 .Hungary  
118 .Iceland  
119 .Ireland  
120 .Italy  
126 .Netherlands  
127 .Norway  
128 .Poland  
129 .Portugal  
130 .Azores Islands  
132 .Romania  
134 .Spain  
136 .Sweden  
137 .Switzerland  
138 .United Kingdom, Not Specified  
139 .England  
140 .Scotland  
147 .Yugoslavia  
148 .Czech Republic  
149 .Slovakia

150 .Bosnia and Herzegovina  
151 .Croatia  
152 .Macedonia  
154 .Serbia  
156 .Latvia  
157 .Lithuania  
158 .Armenia  
159 .Azerbaijan  
160 .Belarus  
161 .Georgia  
162 .Moldova  
163 .Russia  
164 .Ukraine  
165 .USSR  
168 .Montenegro  
169 .Other Europe, Not Specified  
200 .Afghanistan  
202 .Bangladesh  
203 .Bhutan  
205 .Myanmar  
206 .Cambodia  
207 .China  
208 .Cyprus  
209 .Hong Kong  
210 .India  
211 .Indonesia  
212 .Iran  
213 .Iraq  
214 .Israel  
215 .Japan  
216 .Jordan  
217 .Korea  
218 .Kazakhstan  
222 .Kuwait  
223 .Laos  
224 .Lebanon  
226 .Malaysia  
229 .Nepal  
231 .Pakistan  
233 .Philippines  
235 .Saudi Arabia  
236 .Singapore  
238 .Sri Lanka  
239 .Syria  
240 .Taiwan  
242 .Thailand  
243 .Turkey  
245 .United Arab Emirates  
246 .Uzbekistan  
247 .Vietnam  
248 .Yemen  
249 .Asia  
253 .South Central Asia, Not Specified  
254 .Other Asia, Not Specified



300 .Bermuda  
301 .Canada  
303 .Mexico  
310 .Belize  
311 .Costa Rica  
312 .El Salvador  
313 .Guatemala  
314 .Honduras  
315 .Nicaragua  
316 .Panama  
321 .Antigua & Barbuda  
323 .Bahamas  
324 .Barbados  
327 .Cuba  
328 .Dominica  
329 .Dominican Republic  
330 .Grenada  
332 .Haiti  
333 .Jamaica  
339 .St. Lucia  
340 .St. Vincent & the Grenadines  
341 .Trinidad & Tobago  
343 .West Indies  
344 .Caribbean, Not Specified  
360 .Argentina  
361 .Bolivia  
362 .Brazil  
363 .Chile  
364 .Colombia  
365 .Ecuador  
368 .Guyana  
369 .Paraguay  
370 .Peru  
372 .Uruguay  
373 .Venezuela  
374 .South America  
399 .Americas, Not Specified  
400 .Algeria  
407 .Cameroon  
408 .Cabo Verde  
412 .Congo  
414 .Egypt  
416 .Ethiopia  
417 .Eritrea  
420 .Gambia  
421 .Ghana  
423 .Guinea  
427 .Kenya  
429 .Liberia  
430 .Libya  
436 .Morocco  
440 .Nigeria  
444 .Senegal  
447 .Sierra Leone

448 .Somalia  
 449 .South Africa  
 451 .Sudan  
 453 .Tanzania  
 454 .Togo  
 457 .Uganda  
 459 .Democratic Republic of Congo (Zaire)  
 460 .Zambia  
 461 .Zimbabwe  
 462 .Africa  
 463 .Eastern Africa, Not Specified  
 464 .Northern Africa, Not Specified  
 467 .Western Africa, Not Specified  
 468 .Other Africa, Not Specified  
 501 .Australia  
 508 .Fiji  
 511 .Marshall Islands  
 512 .Micronesia  
 515 .New Zealand  
 523 .Tonga  
 527 .Samoa  
 554 .Other US Island Areas, Oceania, Not Specified, or at Sea

POVPIP 3  
 Income-to-poverty ratio recode  
 bbb .N/A  
 000..500 .Below 501 percent  
 501 .501 percent or more

POWPUMA 5  
 Place of work PUMA based on 2010 Census definition  
 bbbbb .N/A (not a worker--not in the labor force,  
 .force, including persons under 16 years;  
 .unemployed; civilian employed, with a job not  
 .at work; Armed Forces, with a job but not at work)  
 00001 .Did not work in the United States or in Puerto Rico  
 00100..70100 .Assigned Place of work PUMA. Use with POWSP.

POWSP 3  
 Place of work - State or foreign country recode  
 bbb .N/A (not a worker--not in the labor force,  
 .including persons under 16 years; unemployed;  
 .employed, with a job not at work; Armed Forces,  
 .with a job but not at work)  
 001 .Alabama/AL  
 002 .Alaska/AK  
 004 .Arizona/AZ  
 005 .Arkansas/AR  
 006 .California/CA  
 008 .Colorado/CO  
 009 .Connecticut/CT  
 010 .Delaware/DE  
 011 .District of Columbia/DC  
 012 .Florida/FL

013 .Georgia/GA  
015 .Hawaii/HI  
016 .Idaho/ID  
017 .Illinois/IL  
018 .Indiana/IN  
019 .Iowa/IA  
020 .Kansas/KS  
021 .Kentucky/KY  
022 .Louisiana/LA  
023 .Maine/ME  
024 .Maryland/MD  
025 .Massachusetts/MA  
026 .Michigan/MI  
027 .Minnesota/MN  
028 .Mississippi/MS  
029 .Missouri/MO  
030 .Montana/MT  
031 .Nebraska/NE  
032 .Nevada/NV  
033 .New Hampshire/NH  
034 .New Jersey/NJ  
035 .New Mexico/NM  
036 .New York/NY  
037 .North Carolina/NC  
038 .North Dakota/ND  
039 .Ohio/OH  
040 .Oklahoma/OK  
041 .Oregon/OR  
042 .Pennsylvania/PA  
044 .Rhode Island/RI  
045 .South Carolina/SC  
046 .South Dakota/SD  
047 .Tennessee/TN  
048 .Texas/TX  
049 .Utah/UT  
050 .Vermont/VT  
051 .Virginia/VA  
053 .Washington/WA  
054 .West Virginia/WV  
055 .Wisconsin/WI  
056 .Wyoming/WY  
072 .Puerto Rico  
166 .Europe  
251 .Eastern Asia  
254 .Other Asia, Not Specified  
301 .Canada  
303 .Mexico  
399 .Americas, Not Specified  
555 .Other US Island Areas Not Specified, Africa, Oceania, at  
.Sea, or Abroad, Not Specified

PRIVCOV        1  
Private health insurance coverage recode  
1 .With private health insurance coverage  
2 .Without private health insurance coverage

PUBCOV        1  
Public health coverage recode  
1 .With public health coverage  
2 .Without public health coverage

QTRBIR        1  
Quarter of birth  
1 .January through March  
2 .April through June  
3 .July through September  
4 .October through December

RAC1P         1  
Recoded detailed race code  
1 .White alone  
2 .Black or African American alone  
3 .American Indian alone  
4 .Alaska Native alone  
5 .American Indian and Alaska Native tribes specified; or American  
.Indian or Alaska Native, not specified and no other races  
6 .Asian alone  
7 .Native Hawaiian and Other Pacific Islander alone  
8 .Some Other Race alone  
9 .Two or More Races

RAC2P         2  
Recoded detailed race code  
01 .White alone  
02 .Black or African American alone  
03 .Apache alone  
04 .Blackfeet alone  
05 .Cherokee alone  
06 .Cheyenne alone  
07 .Chickasaw alone  
08 .Chippewa alone  
09 .Choctaw alone  
10 .Comanche alone  
11 .Creek alone  
12 .Crow alone  
13 .Hopi alone  
14 .Iroquois alone  
15 .Lumbee alone  
16 .Mexican American Indian alone  
17 .Navajo alone  
18 .Pima alone  
19 .Potawatomi alone  
20 .Pueblo alone  
21 .Puget Sound Salish alone  
22 .Seminole alone

23 .Sioux alone  
 24 .South American Indian alone  
 25 .Tohono O'Odham alone  
 26 .Yaqui alone  
 27 .Other specified American Indian tribes alone  
 28 .All other specified American Indian tribe combinations  
 29 .American Indian, tribe not specified  
 30 .Alaskan Athabascan alone  
 31 .Tlingit-Haida alone  
 32 .Inupiat alone  
 33 .Yup'ik alone  
 34 .Aleut alone  
 35 .Other Alaska Native  
 36 .Other American Indian and Alaska Native specified  
 37 .American Indian and Alaska Native, not specified  
 38 .Asian Indian alone  
 39 .Bangladeshi alone  
 40 .Bhutanese alone  
 41 .Burmese alone  
 42 .Cambodian alone  
 43 .Chinese, except Taiwanese, alone  
 44 .Taiwanese alone  
 45 .Filipino alone  
 46 .Hmong alone  
 47 .Indonesian alone  
 48 .Japanese alone  
 49 .Korean alone  
 50 .Laotian alone  
 51 .Malaysian alone  
 52 .Mongolian alone  
 53 .Nepalese alone  
 54 .Pakistani alone  
 55 .Sri Lankan alone  
 56 .Thai alone  
 57 .Vietnamese alone  
 58 .Other Asian alone  
 59 .All combinations of Asian races only  
 60 .Native Hawaiian alone  
 61 .Samoan alone  
 62 .Tongan alone  
 63 .Guamanian or Chamorro alone  
 64 .Marshallese alone  
 65 .Fijian alone  
 66 .Other Native Hawaiian and Other Pacific Islander  
 67 .Some Other Race alone  
 68 .Two or More Races

RAC3P

3

Recoded detailed race code

001 .White alone  
 002 .Black or African American alone  
 003 .American Indian and Alaska Native alone  
 004 .Asian Indian alone  
 005 .Chinese alone

006 .Filipino alone  
007 .Japanese alone  
008 .Korean alone  
009 .Vietnamese alone  
010 .Other Asian alone  
011 .Native Hawaiian alone  
012 .Guamanian or Chamorro alone  
013 .Samoan alone  
014 .Other Pacific Islander alone  
015 .Some Other Race alone  
016 .White; Black or African American  
017 .White; American Indian and Alaska Native  
018 .White; Asian Indian  
019 .White; Chinese  
020 .White; Filipino  
021 .White; Japanese  
022 .White; Korean  
023 .White; Vietnamese  
024 .White; Other Asian  
025 .White; Native Hawaiian  
026 .White; Guamanian or Chamorro  
027 .White; Samoan  
028 .White; Other Pacific Islander  
029 .White; Some Other Race  
030 .Black or African American; American Indian and Alaska Native  
031 .Black or African American; Asian Indian  
032 .Black or African American; Chinese  
033 .Black or African American; Filipino  
034 .Black or African American; Japanese  
035 .Black or African American; Korean  
036 .Black or African American; Other Asian  
037 .Black or African American; Other Pacific Islander  
038 .Black or African American; Some Other Race  
039 .American Indian and Alaska Native; Asian Indian  
040 .American Indian and Alaska Native; Filipino  
041 .American Indian and Alaska Native; Some Other Race  
042 .Asian Indian; Other Asian  
043 .Asian Indian; Some Other Race  
044 .Chinese; Filipino  
045 .Chinese; Japanese  
046 .Chinese; Korean  
047 .Chinese; Vietnamese  
048 .Chinese; Other Asian  
049 .Chinese; Native Hawaiian  
050 .Filipino; Japanese  
051 .Filipino; Native Hawaiian  
052 .Filipino; Other Pacific Islander  
053 .Filipino; Some Other Race  
054 .Japanese; Korean  
055 .Japanese; Native Hawaiian  
056 .Vietnamese; Other Asian  
057 .Other Asian; Other Pacific Islander  
058 .Other Asian; Some Other Race  
059 .Other Pacific Islander; Some Other Race

060 .White; Black or African American; American Indian and Alaska  
.Native

061 .White; Black or African American; Filipino

062 .White; Black or African American; Some Other Race

063 .White; American Indian and Alaska Native; Filipino

064 .White; American Indian and Alaska Native; Some Other Race

065 .White; Chinese; Filipino

066 .White; Chinese; Japanese

067 .White; Chinese; Native Hawaiian

068 .White; Filipino; Native Hawaiian

069 .White; Japanese; Native Hawaiian

070 .White; Other Asian; Some Other Race

071 .Chinese; Filipino; Native Hawaiian

072 .White; Chinese; Filipino; Native Hawaiian

073 .White; Chinese; Japanese; Native Hawaiian

074 .Black or African American; Asian groups

075 .Black or African American; Native Hawaiian and Other Pacific  
.Islander groups

076 .Asian Indian; Asian groups

077 .Filipino; Asian groups

078 .White; Black or African American; Asian groups

079 .White; American Indian and Alaska Native; Asian groups

080 .White; Native Hawaiian and Other Pacific Islander groups;  
.and/or Some Other Race

081 .White; Black or African American; American Indian and Alaska  
.Native; Asian groups

082 .White; Black or African American; American Indian and Alaska  
.Native; and/or Native Hawaiian and Other Pacific Islander  
.groups; and/or Some Other Race

083 .White; Black or African American; and/or Asian groups;  
.and/or Native Hawaiian and Other Pacific Islander groups;  
.and/or Some Other Race

084 .White; American Indian and Alaska Native; and/or Asian  
.groups; and/or Native Hawaiian and Other Pacific Islander  
.groups

085 .White; Chinese; Filipino; and/or Asian groups; and/or Native  
.Hawaiian and Other Pacific Islander groups; and/or Some  
.Other Race

086 .White; Chinese; and/or Asian groups; and/or Native Hawaiian  
.and Other Pacific Islander groups; and/or Some Other Race

087 .White; Filipino; and/or Native Hawaiian and Other Pacific  
.Islander groups; and/or Some Other Race

088 .White; Japanese; and/or Asian groups; and/or Native Hawaiian  
.and Other Pacific Islander groups; and/or Some Other Race

089 .White; Asian groups; and/or Native Hawaiian and Other  
.Pacific Islander groups; and/or Some Other Race

090 .Black or African American; American Indian and Alaska  
.Native; and/or Asian groups; and/or Native Hawaiian and  
.Other  
.Pacific Islander groups; and/or Some Other Race

091 .Black or African American; Asian groups; and/or Native  
.Hawaiian and Other Pacific Islander groups; and/or Some  
.Other Race

092 .American Indian and Alaska Native; Asian groups; and/or

- .Native Hawaiian and Other Pacific Islander groups; and/or  
.Some Other Race
- 093 .Asian Indian; and/or White; and/or Asian groups; and/or  
.Native Hawaiian and Other Pacific Islander groups; and/or  
.Some Other Race
- 094 .Chinese; Japanese; Native Hawaiian; and/or other Asian  
.and/or Pacific Islander groups
- 095 .Chinese; and/or Asian groups; and/or Native Hawaiian and  
.Other Pacific Islander groups; and/or Some Other Race
- 096 .Filipino; and/or Asian groups; and/or Native Hawaiian and  
.Other Pacific Islander groups; and/or Some Other Race
- 097 .Japanese; and/or Asian groups; and/or Native Hawaiian and  
.Other Pacific Islander groups; and/or Some Other Race
- 098 .Korean; and/or Vietnamese; and/or Other Asian; and/or Native  
.Hawaiian and Other Pacific Islander groups; and/or Some  
. Other Race
- 099 .Native Hawaiian; and/or Pacific Islander groups; and/or Some  
.Other Race
- 100 .White; and/or Black or African American; and/or American  
.Indian and Alaska Native; and/or Asian groups; and/or Native  
.Hawaiian and Other Pacific Islander groups; and/or Some  
.Other Race

RACAIAN        1  
 American Indian and Alaska Native recode (American Indian and  
 Alaska Native alone or in combination with one or more other  
 races)  
               0 .No  
               1 .Yes

RACASN        1  
 Asian recode (Asian alone or in combination with one or more  
 other races)  
               0 .No  
               1 .Yes

RACBLK        1  
 Black or African American recode (Black alone or in  
 combination with one or more other races)  
               0 .No  
               1 .Yes

RACNH         1  
 Native Hawaiian recode (Native Hawaiian alone or in combination with  
 one or more other races)  
               0 .No  
               1 .Yes

RACNUM        1  
 Number of major race groups represented  
               1..6 .Race groups



RACPI 1  
Other Pacific Islander recode (Other Pacific Islander alone or in combination with one or more other races)  
0 .No  
1 .Yes

RACSOR 1  
Some other race recode (Some other race alone or in combination with one or more other races)  
0 .No  
1 .Yes

RACWHT 1  
White recode (White alone or in combination with one or more other races)  
0 .No  
1 .Yes

RC 1  
Related child  
0 .No (includes GQ)  
1 .Yes

SCIENGP 1  
Field of Degree Science and Engineering Flag - NSF Definition  
b .N/A (less than bachelor's degree)  
1 .Yes  
2 .No

SCIENGRLP 1  
Field of Degree Science and Engineering Related Flag - NSF Definition  
b .N/A (less than bachelor's degree)  
1 .Yes  
2 .No

SFN 1  
Subfamily number  
b .N/A (GQ/not in a subfamily)  
1 .In subfamily 1  
2 .In subfamily 2  
3 .In subfamily 3  
4 .In subfamily 4

SFR 1  
Subfamily relationship  
b .N/A (GQ/not in a subfamily)  
1 .Husband/wife no children  
2 .Husband/wife with children  
3 .Parent in a parent/child subfamily  
4 .Child in a married-couple subfamily  
5 .Child in a mother-child subfamily  
6 .Child in a father-child subfamily

SOC Occupation code for 2012 and later based on 2010 SOC codes

bbbbbb .N/A (less than 16 years old/NILF who last worked  
more than 5 years ago or never worked)

1110XX .MGR-CHIEF EXECUTIVES AND LEGISLATORS \*

111021 .MGR-GENERAL AND OPERATIONS MANAGERS

112011 .MGR-ADVERTISING AND PROMOTIONS MANAGERS

112020 .MGR-MARKETING AND SALES MANAGERS

112031 .MGR-PUBLIC RELATIONS AND FUNDRAISING MANAGERS

113011 .MGR-ADMINISTRATIVE SERVICES MANAGERS

113021 .MGR-COMPUTER AND INFORMATION SYSTEMS MANAGERS

113031 .MGR-FINANCIAL MANAGERS

113111 .MGR-COMPENSATION AND BENEFITS MANAGERS

113121 .MGR-HUMAN RESOURCES MANAGERS

113131 .MGR-TRAINING AND DEVELOPMENT MANAGERS

113051 .MGR-INDUSTRIAL PRODUCTION MANAGERS

113061 .MGR-PURCHASING MANAGERS

113071 .MGR-TRANSPORTATION, STORAGE, AND DISTRIBUTION MANAGERS

119013 .MGR-FARMERS, RANCHERS, AND OTHER AGRICULTURAL MANAGERS

119021 .MGR-CONSTRUCTION MANAGERS

119030 .MGR-EDUCATION ADMINISTRATORS

119041 .MGR-ARCHITECTURAL AND ENGINEERING MANAGERS

119051 .MGR-FOOD SERVICE MANAGERS

119071 .MGR-GAMING MANAGERS

119081 .MGR-LODGING MANAGERS

119111 .MGR-MEDICAL AND HEALTH SERVICES MANAGERS

119121 .MGR-NATURAL SCIENCES MANAGERS

119141 .MGR-PROPERTY, REAL ESTATE, AND COMMUNITY ASSOCIATION  
.MANAGERS

119151 .MGR-SOCIAL AND COMMUNITY SERVICE MANAGERS

119161 .MGR-EMERGENCY MANAGEMENT DIRECTORS

119XXX .MGR-MISCELLANEOUS MANAGERS, INCLUDING FUNERAL SERVICE  
.MANAGERS AND POSTMASTERS AND MAIL SUPERINTENDENTS \*

131011 .BUS-AGENTS AND BUSINESS MANAGERS OF ARTISTS, PERFORMERS,  
.AND ATHLETES

131021 .BUS-BUYERS AND PURCHASING AGENTS, FARM PRODUCTS

131022 .BUS-WHOLESALE AND RETAIL BUYERS, EXCEPT FARM PRODUCTS

131023 .BUS-PURCHASING AGENTS, EXCEPT WHOLESALE, RETAIL, AND FARM  
.PRODUCTS

131030 .BUS-CLAIMS ADJUSTERS, APPRAISERS, EXAMINERS, AND  
.INVESTIGATORS

131041 .BUS-COMPLIANCE OFFICERS

131051 .BUS-COST ESTIMATORS

131070 .BUS-HUMAN RESOURCES WORKERS

131081 .BUS-LOGISTICIANS

131111 .BUS-MANAGEMENT ANALYSTS

131121 .BUS-MEETING CONVENTION, AND EVENT PLANNERS

131131 .BUS-FUNDRAISERS

131141 .BUS-COMPENSATION, BENEFITS, AND JOB ANALYSIS SPECIALISTS

131151 .BUS-TRAINING AND DEVELOPMENT SPECIALISTS

131161 .BUS-MARKET RESEARCH ANALYSTS AND MARKETING SPECIALISTS

131199 .BUS-BUSINESS OPERATIONS SPECIALISTS, ALL OTHER

132011 .FIN-ACCOUNTANTS AND AUDITORS

132021 .FIN-APPRAISERS AND ASSESSORS OF REAL ESTATE

132031 .FIN-BUDGET ANALYSTS  
132041 .FIN-CREDIT ANALYSTS  
132051 .FIN-FINANCIAL ANALYSTS  
132052 .FIN-PERSONAL FINANCIAL ADVISORS  
132053 .FIN-INSURANCE UNDERWRITERS  
132061 .FIN-FINANCIAL EXAMINERS  
132070 .FIN-CREDIT COUNSELORS AND LOAN OFFICERS  
132081 .FIN-TAX EXAMINERS AND COLLECTORS, AND REVENUE AGENTS  
132082 .FIN-TAX PREPARERS  
132099 .FIN-FINANCIAL SPECIALISTS, ALL OTHER  
151111 .CMM-COMPUTER AND INFORMATION RESEARCH SCIENTISTS  
151121 .CMM-COMPUTER SYSTEMS ANALYSTS  
151122 .CMM-INFORMATION SECURITY ANALYSTS  
151131 .CMM-COMPUTER PROGRAMMERS  
15113X .CMM-SOFTWARE DEVELOPERS,APPLICATIONS AND SYSTEMS SOFTWARE\*  
151134 .CMM-WEB DEVELOPERS  
151141 .CMM-DATABASE ADMINISTRATORS  
151142 .CMM-NETWORK AND COMPUTER SYSTEMS ADMINISTRATORS  
151143 .CMM-COMPUTER NETWORK ARCHITECTS  
151150 .CMM-COMPUTER SUPPORT SPECIALISTS  
151199 .CMM-COMPUTER OCCUPATIONS, ALL OTHER  
152011 .CMM-ACTUARIES  
152031 .CMM-OPERATIONS RESEARCH ANALYSTS  
1520XX .CMM-MISCELLANEOUS MATHEMATICAL SCIENCE OCCUPATIONS,  
.INCLUDING MATHEMATICIANS AND STATISTICIANS \*  
171010 .ENG-ARCHITECTS, EXCEPT NAVAL  
171020 .ENG-SURVEYORS, CARTOGRAPHERS, AND PHOTOGRAMMETRISTS  
172011 .ENG-AEROSPACE ENGINEERS  
1720XX .ENG-BIOMEDICAL AND AGRICULTURAL ENGINEERS \*  
172041 .ENG-CHEMICAL ENGINEERS  
172051 .ENG-CIVIL ENGINEERS  
172061 .ENG-COMPUTER HARDWARE ENGINEERS  
172070 .ENG-ELECTRICAL AND ELECTRONICS ENGINEERS  
172081 .ENG-ENVIRONMENTAL ENGINEERS  
172110 .ENG-INDUSTRIAL ENGINEERS, INCLUDING HEALTH AND SAFETY  
172121 .ENG-MARINE ENGINEERS AND NAVAL ARCHITECTS  
172131 .ENG-MATERIALS ENGINEERS  
172141 .ENG-MECHANICAL ENGINEERS  
1721XX .ENG-PETROLEUM, MINING AND GEOLOGICAL ENGINEERS, INCLUDING  
.MINING SAFETY ENGINEERS \*  
1721YY .ENG-MISCELLANEOUS ENGINEERS, INCLUDING NUCLEAR ENGINEERS \*  
173010 .ENG-DRAFTERS  
173020 .ENG-ENGINEERING TECHNICIANS, EXCEPT DRAFTERS  
173031 .ENG-SURVEYING AND MAPPING TECHNICIANS  
191010 .SCI-AGRICULTURAL AND FOOD SCIENTISTS  
191020 .SCI-BIOLOGICAL SCIENTISTS  
191030 .SCI-CONSERVATION SCIENTISTS AND FORESTERS  
1910XX .SCI-MEDICAL SCIENTISTS, AND LIFE SCIENTISTS, ALL OTHER \*  
192010 .SCI-ASTRONOMERS AND PHYSICISTS  
192021 .SCI-ATMOSPHERIC AND SPACE SCIENTISTS  
192030 .SCI-CHEMISTS AND MATERIALS SCIENTISTS  
192040 .SCI-ENVIRONMENTAL SCIENTISTS AND GEOSCIENTISTS  
192099 .SCI-PHYSICAL SCIENTISTS, ALL OTHER  
193011 .SCI-ECONOMISTS

193030 .SCI-PSYCHOLOGISTS  
193051 .SCI-URBAN AND REGIONAL PLANNERS  
1930XX .SCI-MISCELLANEOUS SOCIAL SCIENTISTS, INCLUDING SURVEY  
.RESEARCHERS AND SOCIOLOGISTS \*  
194011 .SCI-AGRICULTURAL AND FOOD SCIENCE TECHNICIANS  
194021 .SCI-BIOLOGICAL TECHNICIANS  
194031 .SCI-CHEMICAL TECHNICIANS  
1940XX .SCI-GEOLOGICAL AND PETROLEUM TECHNICIANS, AND NUCLEAR  
.TECHNICIANS \*  
1940YY .SCI-MISCELLANEOUS LIFE, PHYSICAL, AND SOCIAL SCIENCE  
.TECHNICIANS, INCLUDING SOCIAL SCIENCE RESEARCH ASSISTANTS\*  
211010 .CMS-COUNSELORS  
211020 .CMS-SOCIAL WORKERS  
211092 .CMS-PROBATION OFFICERS AND CORRECTIONAL TREATMENT  
.SPECIALISTS  
211093 .CMS-SOCIAL AND HUMAN SERVICE ASSISTANTS  
21109X .CMS-MISCELLANEOUS COMMUNITY AND SOCIAL SERVICE  
.SPECIALISTS, INCLUDING HEALTH EDUCATORS AND COMMUNITY  
.HEALTH WORKERS \*  
212011 .CMS-CLERGY  
212021 .CMS-DIRECTORS, RELIGIOUS ACTIVITIES AND EDUCATION  
212099 .CMS-RELIGIOUS WORKERS, ALL OTHER  
2310XX .LGL-LAWYERS, AND JUDGES, MAGISTRATES, AND OTHER JUDICIAL  
.WORKERS \*  
231012 .LGL-JUDICIAL LAW CLERKS  
232011 .LGL-PARALEGALS AND LEGAL ASSISTANTS  
232090 .LGL-MISCELLANEOUS LEGAL SUPPORT WORKERS  
251000 .EDU-POSTSECONDARY TEACHERS  
252010 .EDU-PRESCHOOL AND KINDERGARTEN TEACHERS  
252020 .EDU-ELEMENTARY AND MIDDLE SCHOOL TEACHERS  
252030 .EDU-SECONDARY SCHOOL TEACHERS  
252050 .EDU-SPECIAL EDUCATION TEACHERS  
253000 .EDU-OTHER TEACHERS AND INSTRUCTORS  
254010 .EDU-ARCHIVISTS, CURATORS, AND MUSEUM TECHNICIANS  
254021 .EDU-LIBRARIANS  
254031 .EDU-LIBRARY TECHNICIANS  
259041 .EDU-TEACHER ASSISTANTS  
2590XX .EDU-OTHER EDUCATION, TRAINING, AND LIBRARY WORKERS \*  
271010 .ENT-ARTISTS AND RELATED WORKERS  
271020 .ENT-DESIGNERS  
272011 .ENT-ACTORS  
272012 .ENT-PRODUCERS AND DIRECTORS  
272020 .ENT-ATHLETES, COACHES, UMPIRES, AND RELATED WORKERS  
272030 .ENT-DANCERS AND CHOREOGRAPHERS  
272040 .ENT-MUSICIANS, SINGERS, AND RELATED WORKERS  
272099 .ENT-ENTERTAINERS AND PERFORMERS, SPORTS AND RELATED  
.WORKERS, ALL OTHER  
273010 .ENT-ANNOUNCERS  
273020 .ENT-NEWS ANALYSTS, REPORTERS AND CORRESPONDENTS  
273031 .ENT-PUBLIC RELATIONS SPECIALISTS  
273041 .ENT-EDITORS  
273042 .ENT-TECHNICAL WRITERS  
273043 .ENT-WRITERS AND AUTHORS  
273090 .ENT-MISCELLANEOUS MEDIA AND COMMUNICATION WORKERS

2740XX .ENT-BROADCAST AND SOUND ENGINEERING TECHNICIANS AND RADIO  
.OPERATORS, AND MEDIA AND COMMUNICATION EQUIPMENT WORKERS,  
.ALL OTHER \*  
274021 .ENT-PHOTOGRAPHERS  
274030 .ENT-TELEVISION, VIDEO, AND MOTION PICTURE CAMERA OPERATORS  
.AND EDITORS  
291011 .MED-CHIROPRACTORS  
291020 .MED-DENTISTS  
291031 .MED-DIETITIANS AND NUTRITIONISTS  
291041 .MED-OPTOMETRISTS  
291051 .MED-PHARMACISTS  
291060 .MED-PHYSICIANS AND SURGEONS  
291071 .MED-PHYSICIAN ASSISTANTS  
291081 .MED-PODIATRISTS  
291122 .MED-OCCUPATIONAL THERAPISTS  
291123 .MED-PHYSICAL THERAPISTS  
291124 .MED-RADIATION THERAPISTS  
291125 .MED-RECREATIONAL THERAPISTS  
291126 .MED-RESPIRATORY THERAPISTS  
291127 .MED-SPEECH-LANGUAGE PATHOLOGISTS  
29112X .MED-OTHER THERAPISTS, INCLUDING EXERCISE PHYSIOLOGISTS \*  
291131 .MED-VETERINARIANS  
291141 .MED-REGISTERED NURSES  
291151 .MED-NURSE ANESTHETISTS  
291181 .MED-AUDIOLOGISTS  
291199 .MED-HEALTH DIAGNOSING AND TREATING PRACTITIONERS, ALL  
.OTHER  
2911XX .MED-NURSE PRACTITIONERS AND NURSE MIDWIVES \*  
292010 .MED-CLINICAL LABORATORY TECHNOLOGISTS AND TECHNICIANS  
292021 .MED-DENTAL HYGIENISTS  
292030 .MED-DIAGNOSTIC RELATED TECHNOLOGISTS AND TECHNICIANS  
292041 .MED-EMERGENCY MEDICAL TECHNICIANS AND PARAMEDICS  
292050 .MED-HEALTH PRACTITIONER SUPPORT TECHNOLOGISTS AND  
.TECHNICIANS  
292061 .MED-LICENSED PRACTICAL AND LICENSED VOCATIONAL NURSES  
292071 .MED-MEDICAL RECORDS AND HEALTH INFORMATION TECHNICIANS  
292081 .MED-OPTICIANS, DISPENSING  
292090 .MED-MISCELLANEOUS HEALTH TECHNOLOGISTS AND TECHNICIANS  
299000 .MED-OTHER HEALTHCARE PRACTITIONERS AND TECHNICAL  
.OCCUPATIONS  
311010 .HLS-NURSING, PSYCHIATRIC, AND HOME HEALTH AIDES  
312010 .HLS-OCCUPATIONAL THERAPY ASSISTANTS AND AIDES  
312020 .HLS-PHYSICAL THERAPIST ASSISTANTS AND AIDES  
319011 .HLS-MASSAGE THERAPISTS  
319091 .HLS-DENTAL ASSISTANTS  
319092 .HLS-MEDICAL ASSISTANTS  
319094 .HLS-MEDICAL TRANSCRIPTIONISTS  
319095 .HLS-PHARMACY AIDES  
319096 .HLS-VETERINARY ASSISTANTS AND LABORATORY ANIMAL CARETAKERS  
319097 .HLS-PHLEBOTOMISTS  
31909X .HEALTHCARE SUPPORT WORKERS, ALL OTHER, INCLUDING MEDICAL  
.EQUIPMENT PREPARERS \*  
331011 .PRT-FIRST-LINE SUPERVISORS OF CORRECTIONAL OFFICERS  
331012 .PRT-FIRST-LINE SUPERVISORS OF POLICE AND DETECTIVES

331021 .PRT-FIRST-LINE SUPERVISORS OF FIRE FIGHTING AND PREVENTION  
.WORKERS  
331099 .PRT-FIRST-LINE SUPERVISORS OF PROTECTIVE SERVICE WORKERS,  
.ALL OTHER  
332011 .PRT-FIREFIGHTERS  
332020 .PRT-FIRE INSPECTORS  
333010 .PRT-BAILIFFS, CORRECTIONAL OFFICERS, AND JAILERS  
333021 .PRT-DETECTIVES AND CRIMINAL INVESTIGATORS  
3330XX .PRT-MISCELLANEOUS LAW ENFORCEMENT WORKERS \*  
333050 .PRT-POLICE OFFICERS  
339011 .PRT-ANIMAL CONTROL WORKERS  
339021 .PRT-PRIVATE DETECTIVES AND INVESTIGATORS  
339030 .PRT-SECURITY GUARDS AND GAMING SURVEILLANCE OFFICERS  
339091 .PRT-CROSSING GUARDS  
339093 .PRT-TRANSPORTATION SECURITY SCREENERS  
33909X .PRT-LIFEGUARDS AND OTHER RECREATIONAL, AND ALL OTHER  
.PROTECTIVE SERVICE WORKERS \*  
351011 .EAT-CHEFS AND HEAD COOKS  
351012 .EAT-FIRST-LINE SUPERVISORS OF FOOD PREPARATION AND SERVING  
.WORKERS  
352010 .EAT-COOKS  
352021 .EAT-FOOD PREPARATION WORKERS  
353011 .EAT-BARTENDERS  
353021 .EAT-COMBINED FOOD PREPARATION AND SERVING WORKERS,  
.INCLUDING FAST FOOD  
353022 .EAT-COUNTER ATTENDANTS, CAFETERIA, FOOD CONCESSION, AND  
.COFFEE SHOP  
353031 .EAT-WAITERS AND WAITRESSES  
353041 .EAT-FOOD SERVERS, NONRESTAURANT  
3590XX .EAT-MISCELLANEOUS FOOD PREPARATION AND SERVING RELATED  
.WORKERS, INCLUDING DINING ROOM AND CAFETERIA ATTENDANTS  
.AND BARTENDER HELPERS \*  
359021 .EAT-DISHWASHERS  
359031 .EAT-HOSTS AND HOSTESSES, RESTAURANT, LOUNGE, AND COFFEE  
.SHOP  
371011 .CLN-FIRST-LINE SUPERVISORS OF HOUSEKEEPING AND JANITORIAL  
.WORKERS  
371012 .CLN-FIRST-LINE SUPERVISORS OF LANDSCAPING, LAWN SERVICE,  
.AND GROUNDSKEEPING WORKERS  
37201X .CLN-JANITORS AND BUILDING CLEANERS \*  
372012 .CLN-MAIDS AND HOUSEKEEPING CLEANERS  
372021 .CLN-PEST CONTROL WORKERS  
373010 .CLN-GROUNDS MAINTENANCE WORKERS  
391010 .PRS-FIRST-LINE SUPERVISORS OF GAMING WORKERS  
391021 .PRS-FIRST-LINE SUPERVISORS OF PERSONAL SERVICE WORKERS  
392011 .PRS-ANIMAL TRAINERS  
392021 .PRS-NONFARM ANIMAL CARETAKERS  
393010 .PRS-GAMING SERVICES WORKERS  
393021 .PRS-MOTION PICTURE PROJECTIONISTS  
393031 .PRS-USHERS, LOBBY ATTENDANTS, AND TICKET TAKERS  
393090 .PRS-MISCELLANEOUS ENTERTAINMENT ATTENDANTS AND RELATED  
.WORKERS  
394031 .PRS-MORTICIANS, UNDERTAKERS, AND FUNERAL DIRECTORS  
3940XX .PRS-EMBALMERS AND FUNERAL ATTENDANTS \*

395011 .PRS-BARBERS  
395012 .PRS-HAIRDRESSERS, HAIRSTYLISTS, AND COSMETOLOGISTS  
395090 .PRS-MISCELLANEOUS PERSONAL APPEARANCE WORKERS  
396010 .PRS-BAGGAGE PORTERS, BELLHOPS, AND CONCIERGES  
397010 .PRS-TOUR AND TRAVEL GUIDES  
399011 .PRS-CHILDCARE WORKERS  
399021 .PRS-PERSONAL CARE AIDES  
399030 .PRS-RECREATION AND FITNESS WORKERS  
399041 .PRS-RESIDENTIAL ADVISORS  
399099 .PRS-PERSONAL CARE AND SERVICE WORKERS, ALL OTHER  
411011 .SAL-FIRST-LINE SUPERVISORS OF RETAIL SALES WORKERS  
411012 .SAL-FIRST-LINE SUPERVISORS OF NON-RETAIL SALES WORKERS  
412010 .SAL-CASHIERS  
412021 .SAL-COUNTER AND RENTAL CLERKS  
412022 .SAL-PARTS SALESPERSONS  
412031 .SAL-RETAIL SALESPERSONS  
413011 .SAL-ADVERTISING SALES AGENTS  
413021 .SAL-INSURANCE SALES AGENTS  
413031 .SAL-SECURITIES, COMMODITIES, AND FINANCIAL SERVICES SALES  
.AGENTS  
413041 .SAL-TRAVEL AGENTS  
413099 .SAL-SALES REPRESENTATIVES, SERVICES, ALL OTHER  
414010 .SAL-SALES REPRESENTATIVES, WHOLESALE AND MANUFACTURING  
419010 .SAL-MODELS, DEMONSTRATORS, AND PRODUCT PROMOTERS  
419020 .SAL-REAL ESTATE BROKERS AND SALES AGENTS  
419031 .SAL-SALES ENGINEERS  
419041 .SAL-TELEMARKETERS  
419091 .SAL-DOOR-TO-DOOR SALES WORKERS, NEWS AND STREET VENDORS,  
.AND RELATED WORKERS  
419099 .SAL-SALES AND RELATED WORKERS, ALL OTHER  
431011 .OFF-FIRST-LINE SUPERVISORS OF OFFICE AND ADMINISTRATIVE  
.SUPPORT WORKERS  
432011 .OFF-SWITCHBOARD OPERATORS, INCLUDING ANSWERING SERVICE  
432021 .OFF-TELEPHONE OPERATORS  
432099 .OFF-COMMUNICATIONS EQUIPMENT OPERATORS, ALL OTHER  
433011 .OFF-BILL AND ACCOUNT COLLECTORS  
433021 .OFF-BILLING AND POSTING CLERKS  
433031 .OFF-BOOKKEEPING, ACCOUNTING, AND AUDITING CLERKS  
433041 .OFF-GAMING CAGE WORKERS  
433051 .OFF-PAYROLL AND TIMEKEEPING CLERKS  
433061 .OFF-PROCUREMENT CLERKS  
433071 .OFF-TELLERS  
433099 .OFF-FINANCIAL CLERKS, ALL OTHER  
434011 .OFF-BROKERAGE CLERKS  
434031 .OFF-COURT, MUNICIPAL, AND LICENSE CLERKS  
434041 .OFF-CREDIT AUTHORIZERS, CHECKERS, AND CLERKS  
434051 .OFF-CUSTOMER SERVICE REPRESENTATIVES  
434061 .OFF-ELIGIBILITY INTERVIEWERS, GOVERNMENT PROGRAMS  
434071 .OFF-FILE CLERKS  
434081 .OFF-HOTEL, MOTEL, AND RESORT DESK CLERKS  
434111 .OFF-INTERVIEWERS, EXCEPT ELIGIBILITY AND LOAN  
434121 .OFF-LIBRARY ASSISTANTS, CLERICAL  
434131 .OFF-LOAN INTERVIEWERS AND CLERKS  
434141 .OFF-NEW ACCOUNTS CLERKS

434XXX .OFF-CORRESPONDENCE CLERKS AND ORDER CLERKS \*  
434161 .OFF-HUMAN RESOURCES ASSISTANTS, EXCEPT PAYROLL AND  
.TIMEKEEPING  
434171 .OFF-RECEPTIONISTS AND INFORMATION CLERKS  
434181 .OFF-RESERVATION AND TRANSPORTATION TICKET AGENTS AND  
.TRAVEL CLERKS  
434199 .OFF-INFORMATION AND RECORD CLERKS, ALL OTHER  
435011 .OFF-CARGO AND FREIGHT AGENTS  
435021 .OFF-COURIERS AND MESSENGERS  
435030 .OFF-DISPATCHERS  
435041 .OFF-METER READERS, UTILITIES  
435051 .OFF-POSTAL SERVICE CLERKS  
435052 .OFF-POSTAL SERVICE MAIL CARRIERS  
435053 .OFF-POSTAL SERVICE MAIL SORTERS, PROCESSORS, AND  
.PROCESSING MACHINE OPERATORS  
435061 .OFF-PRODUCTION, PLANNING, AND EXPEDITING CLERKS  
435071 .OFF-SHIPPING, RECEIVING, AND TRAFFIC CLERKS  
435081 .OFF-STOCK CLERKS AND ORDER FILLERS  
435111 .OFF-WEIGHERS, MEASURERS, CHECKERS, AND SAMPLERS,  
.RECORDKEEPING  
436010 .OFF-SECRETARIES AND ADMINISTRATIVE ASSISTANTS  
439011 .OFF-COMPUTER OPERATORS  
439021 .OFF-DATA ENTRY KEYERS  
439022 .OFF-WORD PROCESSORS AND TYPISTS  
439041 .OFF-INSURANCE CLAIMS AND POLICY PROCESSING CLERKS  
439051 .OFF-MAIL CLERKS AND MAIL MACHINE OPERATORS, EXCEPT POSTAL  
.SERVICE  
439061 .OFF-OFFICE CLERKS, GENERAL  
439071 .OFF-OFFICE MACHINE OPERATORS, EXCEPT COMPUTER  
439081 .OFF-PROOFREADERS AND COPY MARKERS  
439111 .OFF-STATISTICAL ASSISTANTS  
439XXX .OFF-MISCELLANEOUS OFFICE AND ADMINISTRATIVE SUPPORT  
.WORKERS, INCLUDING DESKTOP PUBLISHERS \*  
451011 .FFF-FIRST-LINE SUPERVISORS OF FARMING, FISHING, AND  
.FORESTRY WORKERS  
452011 .FFF-AGRICULTURAL INSPECTORS  
452041 .FFF-GRADERS AND SORTERS, AGRICULTURAL PRODUCTS  
4520XX .FFF-MISCELLANEOUS AGRICULTURAL WORKERS, INCLUDING ANIMAL  
.BREEDERS \*  
453000 .FFF-FISHING AND HUNTING WORKERS  
454011 .FFF-FOREST AND CONSERVATION WORKERS  
454020 .FFF-LOGGING WORKERS  
471011 .CON-FIRST-LINE SUPERVISORS OF CONSTRUCTION TRADES AND  
.EXTRACTION WORKERS  
472011 .CON-BOILERMAKERS  
472031 .CON-CARPENTERS  
472040 .CON-CARPET, FLOOR, AND TILE INSTALLERS AND FINISHERS  
472050 .CON-CEMENT MASONS, CONCRETE FINISHERS, AND TERRAZZO  
.WORKERS  
472061 .CON-CONSTRUCTION LABORERS  
472071 .CON-PAVING, SURFACING, AND TAMPING EQUIPMENT OPERATORS  
47207X .CON-CONSTRUCTION EQUIPMENT OPERATORS, EXCEPT PAVING,  
.SURFACING, AND TAMPING EQUIPMENT OPERATORS \*  
472080 .CON-DRYWALL INSTALLERS, CEILING TILE INSTALLERS, AND



.TAPERS

472111 .CON-ELECTRICIANS

472121 .CON-GLAZIERS

472130 .CON-INSULATION WORKERS

472140 .CON-PAINTERS AND PAPERHANGERS

472150 .CON-PIPELAYERS, PLUMBERS, PIPEFITTERS, AND STEAMFITTERS

472161 .CON-PLASTERERS AND STUCCO MASONS

472181 .CON-ROOFERS

472211 .CON-SHEET METAL WORKERS

472221 .CON-STRUCTURAL IRON AND STEEL WORKERS

472XXX .CON-BRICKMASONS, BLOCKMASONS, STONEMASONS, AND REINFORCING  
.IRON AND REBAR WORKERS

473010 .CON-HELPERS, CONSTRUCTION TRADES

474011 .CON-CONSTRUCTION AND BUILDING INSPECTORS

474021 .CON-ELEVATOR INSTALLERS AND REPAIRERS

474031 .CON-FENCE ERECTORS

474041 .CON-HAZARDOUS MATERIALS REMOVAL WORKERS

474051 .CON-HIGHWAY MAINTENANCE WORKERS

474061 .CON-RAIL-TRACK LAYING AND MAINTENANCE EQUIPMENT OPERATORS

47XXXX .CON-MISCELLANEOUS CONSTRUCTION WORKERS, INCLUDING SOLAR  
.PHOTOVOLTAIC INSTALLERS, SEPTIC TANK SERVICERS AND  
.SEWER PIPE CLEANERS \*

4750YY .EXT-DERRICK, ROTARY DRILL, AND SERVICE UNIT OPERATORS, AND  
.ROUSTABOUTS, OIL, GAS, AND MINING \*

475021 .EXT-EARTH DRILLERS, EXCEPT OIL AND GAS

475031 .EXT-EXPLOSIVES WORKERS, ORDNANCE HANDLING EXPERTS, AND  
.BLASTERS

475040 .EXT-MINING MACHINE OPERATORS

4750XX .EXT-MISCELLANEOUS EXTRACTION WORKERS, INCLUDING ROOF  
.BOLTERS AND HELPERS \*

491011 .RPR-FIRST-LINE SUPERVISORS OF MECHANICS, INSTALLERS, AND  
.REPAIRERS

492011 .RPR-COMPUTER, AUTOMATED TELLER, AND OFFICE MACHINE  
.REPAIRERS

492020 .RPR-RADIO AND TELECOMMUNICATIONS EQUIPMENT INSTALLERS AND  
.REPAIRERS

492091 .RPR-AVIONICS TECHNICIANS

492092 .RPR-ELECTRIC MOTOR, POWER TOOL, AND RELATED REPAIRERS

49209X .RPR-ELECTRICAL AND ELECTRONICS REPAIRERS, TRANSPORTATION  
.EQUIPMENT, AND INDUSTRIAL AND UTILITY \*

492096 .RPR-ELECTRONIC EQUIPMENT INSTALLERS AND REPAIRERS, MOTOR  
.VEHICLES

492097 .RPR-ELECTRONIC HOME ENTERTAINMENT EQUIPMENT INSTALLERS AND  
.REPAIRERS

492098 .RPR-SECURITY AND FIRE ALARM SYSTEMS INSTALLERS

493011 .RPR-AIRCRAFT MECHANICS AND SERVICE TECHNICIANS

493021 .RPR-AUTOMOTIVE BODY AND RELATED REPAIRERS

493022 .RPR-AUTOMOTIVE GLASS INSTALLERS AND REPAIRERS

493023 .RPR-AUTOMOTIVE SERVICE TECHNICIANS AND MECHANICS

493031 .RPR-BUS AND TRUCK MECHANICS AND DIESEL ENGINE SPECIALISTS

493040 .RPR-HEAVY VEHICLE AND MOBILE EQUIPMENT SERVICE TECHNICIANS  
.AND MECHANICS

493050 .RPR-SMALL ENGINE MECHANICS

493090 .RPR-MISCELLANEOUS VEHICLE AND MOBILE EQUIPMENT MECHANICS,

.INSTALLERS, AND REPAIRERS  
499010 .RPR-CONTROL AND VALVE INSTALLERS AND REPAIRERS  
499021 .RPR-HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS  
.AND INSTALLERS  
499031 .RPR-HOME APPLIANCE REPAIRERS  
49904X .RPR-INDUSTRIAL AND REFRACTORY MACHINERY MECHANICS \*  
499043 .RPR-MAINTENANCE WORKERS, MACHINERY  
499044 .RPR-MILLWRIGHTS  
499051 .RPR-ELECTRICAL POWER-LINE INSTALLERS AND REPAIRERS  
499052 .RPR-TELECOMMUNICATIONS LINE INSTALLERS AND REPAIRERS  
499060 .RPR-PRECISION INSTRUMENT AND EQUIPMENT REPAIRERS  
499071 .RPR-MAINTENANCE AND REPAIR WORKERS, GENERAL  
499091 .RPR-COIN, VENDING, AND AMUSEMENT MACHINE SERVICERS AND  
.REPAIRERS  
499094 .RPR-LOCKSMITHS AND SAFE REPAIRERS  
499096 .RPR-RIGGERS  
499098 .RPR-HELPERS--INSTALLATION, MAINTENANCE, AND REPAIR WORKERS  
4990XX .RPR-MISCELLANEOUS INSTALLATION, MAINTENANCE, AND REPAIR  
.WORKERS, INCLUDING WIND TURBINE SERVICE TECHNICIANS  
511011 .PRD-FIRST-LINE SUPERVISORS OF PRODUCTION AND OPERATING  
.WORKERS  
512011 .PRD-AIRCRAFT STRUCTURE, SURFACES, RIGGING, AND SYSTEMS  
.ASSEMBLERS  
512020 .PRD-ELECTRICAL, ELECTRONICS, AND ELECTROMECHANICAL  
.ASSEMBLERS  
512031 .PRD-ENGINE AND OTHER MACHINE ASSEMBLERS  
512041 .PRD-STRUCTURAL METAL FABRICATORS AND FITTERS  
512090 .PRD-MISCELLANEOUS ASSEMBLERS AND FABRICATORS  
513011 .PRD-BAKERS  
513020 .PRD-BUTCHERS AND OTHER MEAT, POULTRY, AND FISH PROCESSING  
.WORKERS  
513091 .PRD-FOOD AND TOBACCO ROASTING, BAKING, AND DRYING MACHINE  
.OPERATORS AND TENDERS  
513092 .PRD-FOOD BATCHMAKERS  
513093 .PRD-FOOD COOKING MACHINE OPERATORS AND TENDERS  
513099 .PRD-FOOD PROCESSING WORKERS, ALL OTHER  
514010 .PRD-COMPUTER CONTROL PROGRAMMERS AND OPERATORS  
514021 .PRD-EXTRUDING AND DRAWING MACHINE SETTERS, OPERATORS, AND  
.TENDERS, METAL AND PLASTIC  
514022 .PRD-FORGING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL  
.AND PLASTIC  
514023 .PRD-ROLLING MACHINE SETTERS, OPERATORS, AND TENDERS, METAL  
.AND PLASTIC  
514030 .PRD-MACHINE TOOL CUTTING SETTERS, OPERATORS, AND  
.TENDERS,METAL AND PLASTIC  
514041 .PRD-MACHINISTS  
514050 .PRD-METAL FURNACE OPERATORS, TENDERS, POURERS, AND CASTERS  
5140XX .PRD-MODEL MAKERS, PATTERNMAKERS, AND MOLDING MACHINE  
.SETTERS, METAL AND PLASTIC  
514111 .PRD-TOOL AND DIE MAKERS  
514120 .PRD-WELDING, SOLDERING, AND BRAZING WORKERS  
514XXX .PRD-MISCELLANEOUS METAL WORKERS AND PLASTIC WORKERS,  
.INCLUDING MULTIPLE MACHINE TOOL SETTERS \*  
515111 .PRD-PREPRESS TECHNICIANS AND WORKERS

515112 .PRD-PRINTING PRESS OPERATORS  
515113 .PRD-PRINT BINDING AND FINISHING WORKERS  
516011 .PRD-LAUNDRY AND DRY-CLEANING WORKERS  
516021 .PRD-PRESSERS, TEXTILE, GARMENT, AND RELATED MATERIALS  
516031 .PRD-SEWING MACHINE OPERATORS  
516040 .PRD-SHOE AND LEATHER WORKERS  
516050 .PRD-TAILORS, DRESSMAKERS, AND SEWERS  
51606X .PRD-TEXTILE BLEACHING AND DYEING, AND CUTTING MACHINE  
.SETTERS, OPERATORS, AND TENDERS \*  
516063 .PRD-TEXTILE KNITTING AND WEAVING MACHINE SETTERS,  
.OPERATORS, AND TENDERS  
516064 .PRD-TEXTILE WINDING, TWISTING, AND DRAWING OUT MACHINE  
.SETTERS, OPERATORS, AND TENDERS  
516093 .PRD-UPHOLSTERERS  
51609X .PRD-MISCELLANEOUS TEXTILE, APPAREL, AND FURNISHINGS  
.WORKERS, EXCEPT UPHOLSTERERS \*  
517011 .PRD-CABINETMAKERS AND BENCH CARPENTERS  
517021 .PRD-FURNITURE FINISHERS  
517041 .PRD-SAWING MACHINE SETTERS, OPERATORS, AND TENDERS, WOOD  
517042 .PRD-WOODWORKING MACHINE SETTERS, OPERATORS, AND TENDERS,  
.EXCEPT SAWING  
5170XX .PRD-MISCELLANEOUS WOODWORKERS, INCLUDING MODEL MAKERS AND  
.PATTERNMAKERS \*  
518010 .PRD-POWER PLANT OPERATORS, DISTRIBUTORS, AND DISPATCHERS  
518021 .PRD-STATIONARY ENGINEERS AND BOILER OPERATORS  
518031 .PRD-WATER AND WASTEWATER TREATMENT PLANT AND SYSTEM  
.OPERATORS  
518090 .PRD-MISCELLANEOUS PLANT AND SYSTEM OPERATORS  
519010 .PRD-CHEMICAL PROCESSING MACHINE SETTERS, OPERATORS, AND  
.TENDERS  
519020 .PRD-CRUSHING, GRINDING, POLISHING, MIXING, AND BLENDING  
.WORKERS  
519030 .PRD-CUTTING WORKERS  
519041 .PRD-EXTRUDING, FORMING, PRESSING, AND COMPACTING MACHINE  
.SETTERS, OPERATORS, AND TENDERS  
519051 .PRD-FURNACE, KILN, OVEN, DRIER, AND KETTLE OPERATORS AND  
.TENDERS  
519061 .PRD-INSPECTORS, TESTERS, SORTERS, SAMPLERS, AND WEIGHERS  
519071 .PRD-JEWELERS AND PRECIOUS STONE AND METAL WORKERS  
519080 .PRD-MEDICAL, DENTAL, AND OPHTHALMIC LABORATORY TECHNICIANS  
519111 .PRD-PACKAGING AND FILLING MACHINE OPERATORS AND TENDERS  
519120 .PRD-PAINTING WORKERS  
519151 .PRD-PHOTOGRAPHIC PROCESS WORKERS AND PROCESSING MACHINE  
.OPERATORS  
519191 .PRD-ADHESIVE BONDING MACHINE OPERATORS AND TENDERS  
519194 .PRD-ETCHERS AND ENGRAVERS  
519195 .PRD-MOLDERS, SHAPERS, AND CASTERS, EXCEPT METAL AND  
.PLASTIC  
519196 .PRD-PAPER GOODS MACHINE SETTERS, OPERATORS, AND TENDERS  
519197 .PRD-TIRE BUILDERS  
519198 .PRD-HELPERS-PRODUCTION WORKERS  
5191XX .PRD-MISCELLANEOUS PRODUCTION WORKERS, INCLUDING  
.SEMICONDUCTOR PROCESSORS \*  
531000 .TRN-SUPERVISORS OF TRANSPORTATION AND MATERIAL MOVING

.WORKERS

532010 .TRN-AIRCRAFT PILOTS AND FLIGHT ENGINEERS

532020 .TRN-AIR TRAFFIC CONTROLLERS AND AIRFIELD OPERATIONS  
.SPECIALISTS

532031 .TRN-FLIGHT ATTENDANTS

533011 .TRN-AMBULANCE DRIVERS AND ATTENDANTS, EXCEPT EMERGENCY  
.MEDICAL TECHNICIANS

533020 .TRN-BUS DRIVERS

533030 .TRN-DRIVER/SALES WORKERS AND TRUCK DRIVERS

533041 .TRN-TAXI DRIVERS AND CHAUFFEURS

533099 .TRN-MOTOR VEHICLE OPERATORS, ALL OTHER

534010 .TRN-LOCOMOTIVE ENGINEERS AND OPERATORS

534031 .TRN-RAILROAD CONDUCTORS AND YARDMASTERS

5340XX .TRN-SUBWAY, STREETCAR, AND OTHER RAIL TRANSPORTATION  
.WORKERS \*

5350XX .TRN-SAILORS AND MARINE OILERS, AND SHIP ENGINEERS \*

535020 .TRN-SHIP AND BOAT CAPTAINS AND OPERATORS

536021 .TRN-PARKING LOT ATTENDANTS

536031 .TRN-AUTOMOTIVE AND WATERCRAFT SERVICE ATTENDANTS

536051 .TRN-TRANSPORTATION INSPECTORS

536061 .PRS-TRANSPORTATION ATTENDANTS, EXCEPT FLIGHT ATTENDANTS

5360XX .TRN-MISCELLANEOUS TRANSPORTATION WORKERS, INCLUDING BRIDGE  
.AND LOCK TENDERS AND TRAFFIC TECHNICIANS \*

537021 .TRN-CRANE AND TOWER OPERATORS

537030 .TRN-DREDGE, EXCAVATING, AND LOADING MACHINE OPERATORS

5370XX .TRN-CONVEYOR OPERATORS AND TENDERS, AND HOIST AND WINCH  
.OPERATORS \*

537051 .TRN-INDUSTRIAL TRUCK AND TRACTOR OPERATORS

537061 .TRN-CLEANERS OF VEHICLES AND EQUIPMENT

537062 .TRN-LABORERS AND FREIGHT, STOCK, AND MATERIAL MOVERS, HAND

537063 .TRN-MACHINE FEEDERS AND OFFBEARERS

537064 .TRN-PACKERS AND PACKAGERS, HAND

537070 .TRN-PUMPING STATION OPERATORS

537081 .TRN-REFUSE AND RECYCLABLE MATERIAL COLLECTORS

5371XX .TRN-MISCELLANEOUS MATERIAL MOVING WORKERS, INCLUDING  
.MINE SHUTTLE CAR OPERATORS, AND TANK CAR, TRUCK, AND SHIP  
.LOADERS \*

551010 .MIL-MILITARY OFFICER SPECIAL AND TACTICAL OPERATIONS  
.LEADERS

552010 .MIL-FIRST-LINE ENLISTED MILITARY SUPERVISORS

553010 .MIL-MILITARY ENLISTED TACTICAL OPERATIONS AND AIR/WEAPONS  
.SPECIALISTS AND CREW MEMBERS

559830 .MIL-MILITARY, RANK NOT SPECIFIED

999920 .UNEMPLOYED AND LAST WORKED 5 YEARS AGO OR EARLIER OR NEVER  
.WORKED

Note: For additional information on NAICS and SOC groupings within major categories visit our website at:

<https://www.census.gov/people/io/methodology/indexes.html>.

VPS 2  
Veteran period of service  
bb .N/A (less than 17 years old, no active duty)  
.War Times:  
01 .Gulf War: 9/2001 or later  
02 .Gulf War: 9/2001 or later and Gulf War: 8/1990 - 8/2001  
03 .Gulf War: 9/2001 or later and Gulf War: 8/1990 - 8/2001 and  
.Vietnam Era  
04 .Gulf War: 8/1990 - 8/2001  
05 .Gulf War: 8/1990 - 8/2001 and Vietnam Era  
06 .Vietnam Era  
07 .Vietnam Era and Korean War  
08 .Vietnam Era, Korean War, and WWII  
09 .Korean War  
10 .Korean War and WWII  
11 .WWII  
12 .Between Gulf War and Vietnam Era only  
13 .Between Vietnam Era and Korean War only  
14 .Between Korean War and World War II only  
15 .Pre-WWII only

WAOB 1  
World area of birth \*\*\*\*  
1 .US state (POB = 001-059)  
2 .PR and US Island Areas (POB = 060-099)  
3 .Latin America (POB = 303,310-399)  
4 .Asia (POB = 158-159,161,200-299)  
5 .Europe (POB = 100-157,160,162-199)  
6 .Africa (POB = 400-499)  
7 .Northern America (POB = 300-302,304-309)  
8 .Oceania and at Sea (POB = 500-554)

FAGEP 1  
Age allocation flag  
0 .No  
1 .Yes

FANCP 1  
Ancestry allocation flag  
0 .No  
1 .Yes

FCITP 1  
Citizenship allocation flag  
0 .No  
1 .Yes

FCITWP 1  
Year of naturalization write-in allocation flag  
0 .No  
1 .Yes

FCOWP           1  
           Class of worker allocation flag  
           0 .No  
           1 .Yes

FDDRSP          1  
           Self-care difficulty allocation flag  
           0 .No  
           1 .Yes

FDEARP          1  
           Hearing difficulty allocation flag  
           0 .No  
           1 .Yes

FDEYEP          1  
           Vision difficulty allocation flag  
           0 .No  
           1 .Yes

FDISP           1  
           Disability recode allocation flag  
           0 .No  
           1 .Yes

FDOUTP          1  
           Independent living difficulty allocation flag  
           0 .No  
           1 .Yes

FDPHYP          1  
           Ambulatory difficulty allocation flag  
           0 .No  
           1 .Yes

FDRATP          1  
           Disability rating percentage allocation flag  
           0 .No  
           1 .Yes

FDRATXP         1  
           Disability rating checkbox allocation flag  
           0 .No  
           1 .Yes

FDREMP          1  
           Cognitive difficulty allocation flag  
           0 .No  
           1 .Yes

FENGP           1  
           Ability to speak English allocation flag  
           0 .No  
           1 .Yes

FESRP            1  
Employment status recode allocation flag  
0 .No  
1 .Yes

FFERP            1  
Gave birth to child within the past 12 months allocation flag  
0 .No  
1 .Yes

FFODP            1  
Field of Degree allocation flag  
0 .No  
1 .Yes

FGCLP            1  
Grandparents living with grandchildren allocation flag  
0 .No  
1 .Yes

FGCMP            1  
Length of time responsible for grandchildren allocation flag  
0 .No  
1 .Yes

FGCRP            1  
Grandparents responsible for grandchildren allocation flag  
0 .No  
1 .Yes

FHICOVP          1  
Health insurance coverage recode allocation flag  
0 .No  
1 .Yes

FHINS1P          1  
Insurance through a current or former employer or union allocation flag  
0 .No  
1 .Yes

FHINS2P          1  
Insurance purchased directly from an insurance company allocation flag  
0 .No  
1 .Yes

FHINS3C          1  
Medicare coverage given through the eligibility coverage edit  
b .Does not have Medicare coverage (HINS3=2)  
0 .No  
1 .Yes

FHINS3P 1  
 Medicare, for people 65 or older, or people with certain disabilities  
 allocation flag  
 0 .No  
 1 .Yes

FHINS4C 1  
 Medicaid coverage given through the eligibility coverage edit  
 b .Does not have Medicaid coverage (HINS4=2)  
 0 .No  
 1 .Yes

FHINS4P 1  
 Medicaid, medical assistance, or any kind of government-assistance plan  
 for people with low incomes or a disability allocation flag  
 0 .No  
 1 .Yes

FHINS5C 1  
 TRICARE coverage given through the eligibility coverage edit  
 b .Does not have TRICARE coverage (HINS5=2)  
 0 .No  
 1 .Yes

FHINS5P 1  
 TRICARE or other military health care allocation flag  
 0 .No  
 1 .Yes

FHINS6P 1  
 VA (including those who have ever used or enrolled for VA health care)  
 allocation flag  
 0 .No  
 1 .Yes

FHINS7P 1  
 Indian health service allocation flag  
 0 .No  
 1 .Yes

FHISP 1  
 Detailed Hispanic origin allocation flag  
 0 .No  
 1 .Yes

FINDP 1  
 Industry allocation flag  
 0 .No  
 1 .Yes

FINTP 1  
 Interest, dividend, and net rental income allocation flag  
 0 .No  
 1 .Yes



FJWDP           1  
           Time of departure to work allocation flag  
           0 .No  
           1 .Yes

FJWMNP         1  
           Travel time to work allocation flag  
           0 .No  
           1 .Yes

FJWRIP         1  
           Vehicle occupancy allocation flag  
           0 .No  
           1 .Yes

FJWTRP         1  
           Means of transportation to work allocation flag  
           0 .No  
           1 .Yes

FLANP           1  
           Language spoken at home allocation flag  
           0 .No  
           1 .Yes

FLANXP         1  
           Language other than English allocation flag  
           0 .No  
           1 .Yes

FMARP           1  
           Marital status allocation flag  
           0 .No  
           1 .Yes

FMARHDP        1  
           Divorced in the past 12 months allocation flag  
           0 .No  
           1 .Yes

FMARHMP        1  
           Married in the past 12 months allocation flag  
           0 .No  
           1 .Yes

FMARHTP        1  
           Times married allocation flag  
           0 .No  
           1 .Yes

FMARHWP 1  
 Widowed in the past 12 months allocation flag  
 0 .No  
 1 .Yes

FMARHYP 1  
 Year last married allocation flag  
 0 .No  
 1 .Yes

FMIGP 1  
 Mobility status allocation flag  
 0 .No  
 1 .Yes

FMIGSP 1  
 Migration state allocation flag  
 0 .No  
 1 .Yes

FMILPP 1  
 Military periods of service allocation flag  
 0 .No  
 1 .Yes

FMILSP 1  
 Military service allocation flag  
 0 .No  
 1 .Yes

FOCCP 1  
 Occupation allocation flag  
 0 .No  
 1 .Yes

FOIP 1  
 All other income allocation flag  
 0 .No  
 1 .Yes

FPAP 1  
 Public assistance income allocation flag  
 0 .No  
 1 .Yes

FPERNP 1  
 Total person's earnings allocation flag  
 0 .No  
 1 .Yes

FPINCP 1  
 Total person's income (signed) allocation flag  
 0 .No  
 1 .Yes

FPOBP 1  
Place of birth allocation flag  
0 .No  
1 .Yes

FPOWSP 1  
Place of work state allocation flag  
0 .No  
1 .Yes

FPRIVCOVP 1  
Private health insurance coverage recode allocation flag  
0 .No  
1 .Yes

FPUBCOVP 1  
Public health coverage recode allocation flag  
0 .No  
1 .Yes

FRACP 1  
Detailed race allocation flag  
0 .No  
1 .Yes

FRELP 1  
Relationship allocation flag  
0 .No  
1 .Yes

FRETP 1  
Retirement income allocation flag  
0 .No  
1 .Yes

FSCHGP 1  
Grade attending allocation flag  
0 .No  
1 .Yes

FSCHLP 1  
Highest education allocation flag  
0 .No  
1 .Yes

FSCHP 1  
School enrollment allocation flag  
0 .No  
1 .Yes

FSEMP            1  
                  Self-employment income allocation flag  
                  0 .No  
                  1 .Yes

FSEXP           1  
                  Sex allocation flag  
                  0 .No  
                  1 .Yes

FSSIP           1  
                  Supplementary Security Income allocation flag  
                  0 .No  
                  1 .Yes

FSSP            1  
                  Social Security income allocation flag  
                  0 .No  
                  1 .Yes

FWAGP           1  
                  Wages and salary income allocation flag  
                  0 .No  
                  1 .Yes

FWKHP           1  
                  Usual hours worked per week past 12 months allocation flag  
                  0 .No  
                  1 .Yes

FWKLP           1  
                  Last worked allocation flag  
                  0 .No  
                  1 .Yes

FWKWP           1  
                  Weeks worked past 12 months allocation flag  
                  0 .No  
                  1 .Yes

FWRKP           1  
                  Worked last week allocation flag  
                  0 .No  
                  1 .Yes

FYOEP           1  
                  Year of entry allocation flag  
                  0 .No  
                  1 .Yes

PWGTP1          5  
                  Person's Weight replicate 1  
                  -9999..09999 .Integer weight of person

PWGTP2           5  
    Person's Weight replicate 2  
          -9999..09999 .Integer weight of person

PWGTP3           5  
    Person's Weight replicate 3  
          -9999..09999 .Integer weight of person

PWGTP4           5  
    Person's Weight replicate 4  
          -9999..09999 .Integer weight of person

PWGTP5           5  
    Person's Weight replicate 5  
          -9999..09999 .Integer weight of person

PWGTP6           5  
    Person's Weight replicate 6  
          -9999..09999 .Integer weight of person

PWGTP7           5  
    Person's Weight replicate 7  
          -9999..09999 .Integer weight of person

PWGTP8           5  
    Person's Weight replicate 8  
          -9999..09999 .Integer weight of person

PWGTP9           5  
    Person's Weight replicate 9  
          -9999..09999 .Integer weight of person

PWGTP10          5  
    Person's Weight replicate 10  
          -9999..09999 .Integer weight of person

PWGTP11          5  
    Person's Weight replicate 11  
          -9999..09999 .Integer weight of person

PWGTP12          5  
    Person's Weight replicate 12  
          -9999..09999 .Integer weight of person

PWGTP13          5  
    Person's Weight replicate 13  
          -9999..09999 .Integer weight of person

PWGTP14          5  
    Person's Weight replicate 14  
          -9999..09999 .Integer weight of person

PWGTP15        5  
          Person's Weight replicate 15  
          -9999..09999 .Integer weight of person

PWGTP16        5  
          Person's Weight replicate 16  
          -9999..09999 .Integer weight of person

PWGTP17        5  
          Person's Weight replicate 17  
          -9999..09999 .Integer weight of person

PWGTP18        5  
          Person's Weight replicate 18  
          -9999..09999 .Integer weight of person

PWGTP19        5  
          Person's Weight replicate 19  
          -9999..09999 .Integer weight of person

PWGTP20        5  
          Person's Weight replicate 20  
          -9999..09999 .Integer weight of person

PWGTP21        5  
          Person's Weight replicate 21  
          -9999..09999 .Integer weight of person

PWGTP22        5  
          Person's Weight replicate 22  
          -9999..09999 .Integer weight of person

PWGTP23        5  
          Person's Weight replicate 23  
          -9999..09999 .Integer weight of person

PWGTP24        5  
          Person's Weight replicate 24  
          -9999..09999 .Integer weight of person

PWGTP25        5  
          Person's Weight replicate 25  
          -9999..09999 .Integer weight of person

PWGTP26        5  
          Person's Weight replicate 26  
          -9999..09999 .Integer weight of person

PWGTP27        5  
          Person's Weight replicate 27  
          -9999..09999 .Integer weight of person

PWGTP28 5  
Person's Weight replicate 28  
-9999..09999 .Integer weight of person

PWGTP29 5  
Person's Weight replicate 29  
-9999..09999 .Integer weight of person

PWGTP30 5  
Person's Weight replicate 30  
-9999..09999 .Integer weight of person

PWGTP31 5  
Person's Weight replicate 31  
-9999..09999 .Integer weight of person

PWGTP32 5  
Person's Weight replicate 32  
-9999..09999 .Integer weight of person

PWGTP33 5  
Person's Weight replicate 33  
-9999..09999 .Integer weight of person

PWGTP34 5  
Person's Weight replicate 34  
-9999..09999 .Integer weight of person

PWGTP35 5  
Person's Weight replicate 35  
-9999..09999 .Integer weight of person

PWGTP36 5  
Person's Weight replicate 36  
-9999..09999 .Integer weight of person

PWGTP37 5  
Person's Weight replicate 37  
-9999..09999 .Integer weight of person

PWGTP38 5  
Person's Weight replicate 38  
-9999..09999 .Integer weight of person

PWGTP39 5  
Person's Weight replicate 39  
-9999..09999 .Integer weight of person

PWGTP40 5  
Person's Weight replicate 40  
-9999..09999 .Integer weight of person

PWGTP41 5  
Person's Weight replicate 41  
-9999..09999 .Integer weight of person

PWGTP42 5  
Person's Weight replicate 42  
-9999..09999 .Integer weight of person

PWGTP43 5  
Person's Weight replicate 43  
-9999..09999 .Integer weight of person

PWGTP44 5  
Person's Weight replicate 44  
-9999..09999 .Integer weight of person

PWGTP45 5  
Person's Weight replicate 45  
-9999..09999 .Integer weight of person

PWGTP46 5  
Person's Weight replicate 46  
-9999..09999 .Integer weight of person

PWGTP47 5  
Person's Weight replicate 47  
-9999..09999 .Integer weight of person

PWGTP48 5  
Person's Weight replicate 48  
-9999..09999 .Integer weight of person

PWGTP49 5  
Person's Weight replicate 49  
-9999..09999 .Integer weight of person

PWGTP50 5  
Person's Weight replicate 50  
-9999..09999 .Integer weight of person

PWGTP51 5  
Person's Weight replicate 51  
-9999..09999 .Integer weight of person

PWGTP52 5  
Person's Weight replicate 52  
-9999..09999 .Integer weight of person

PWGTP53 5  
Person's Weight replicate 53  
-9999..09999 .Integer weight of person



PWGTP54 5  
Person's Weight replicate 54  
-9999..09999 .Integer weight of person

PWGTP55 5  
Person's Weight replicate 55  
-9999..09999 .Integer weight of person

PWGTP56 5  
Person's Weight replicate 56  
-9999..09999 .Integer weight of person

PWGTP57 5  
Person's Weight replicate 57  
-9999..09999 .Integer weight of person

PWGTP58 5  
Person's Weight replicate 58  
-9999..09999 .Integer weight of person

PWGTP59 5  
Person's Weight replicate 59  
-9999..09999 .Integer weight of person

PWGTP60 5  
Person's Weight replicate 60  
-9999..09999 .Integer weight of person

PWGTP61 5  
Person's Weight replicate 61  
-9999..09999 .Integer weight of person

PWGTP62 5  
Person's Weight replicate 62  
-9999..09999 .Integer weight of person

PWGTP63 5  
Person's Weight replicate 63  
-9999..09999 .Integer weight of person

PWGTP64 5  
Person's Weight replicate 64  
-9999..09999 .Integer weight of person

PWGTP65 5  
Person's Weight replicate 65  
-9999..09999 .Integer weight of person

PWGTP66 5  
Person's Weight replicate 66  
-9999..09999 .Integer weight of person

PWGTP67        5  
          Person's Weight replicate 67  
          -9999..09999 .Integer weight of person

PWGTP68        5  
          Person's Weight replicate 68  
          -9999..09999 .Integer weight of person

PWGTP69        5  
          Person's Weight replicate 69  
          -9999..09999 .Integer weight of person

PWGTP70        5  
          Person's Weight replicate 70  
          -9999..09999 .Integer weight of person

PWGTP71        5  
          Person's Weight replicate 71  
          -9999..09999 .Integer weight of person

PWGTP72        5  
          Person's Weight replicate 72  
          -9999..09999 .Integer weight of person

PWGTP73        5  
          Person's Weight replicate 73  
          -9999..09999 .Integer weight of person

PWGTP74        5  
          Person's Weight replicate 74  
          -9999..09999 .Integer weight of person

PWGTP75        5  
          Person's Weight replicate 75  
          -9999..09999 .Integer weight of person

PWGTP76        5  
          Person's Weight replicate 76  
          -9999..09999 .Integer weight of person

PWGTP77        5  
          Person's Weight replicate 77  
          -9999..09999 .Integer weight of person

PWGTP78        5  
          Person's Weight replicate 78  
          -9999..09999 .Integer weight of person

PWGTP79        5  
          Person's Weight replicate 79  
          -9999..09999 .Integer weight of person

PWGTP80            5  
          Person's Weight replicate 80  
          -9999..09999 .Integer weight of person

Note for both Industry and Occupation lists in Data Dictionary:

\* In cases where the SOC occupation code ends in X(s) or Y(s), two or more SOC occupation codes were aggregated to correspond to a specific Census occupation code. In these cases, the Census occupation description is used for the SOC occupation title.

\*\* These codes are pseudo codes developed by the Census Bureau and are not official or equivalent NAICS or SOC codes.

Legend to Identify NAICS Equivalents

M = Multiple NAICS codes  
P = Part of a NAICS code - NAICS code split between two or more Census codes  
S = Not specified Industry in NAICS sector - Specific to Census codes only  
Z = Exception to NAICS code - Part of NAICS industry but has a unique Census code

Note: For additional information on NAICS and SOC groupings within major categories visit our website at:  
<https://www.census.gov/people/io/methodology/indexes.html>.

\*\*\* Refer to top-coding documentation at:  
<https://www.census.gov/programs-surveys/acs/technical-documentation/pums/documentation.html>

\*\*\*\* The World Area of Birth (WAOB) in the PUMS dataset is based upon the Place of Birth (POB) variable in the full dataset, not the Place of Birth recode created for PUMS (POBP). POB contains more detailed place of birth information than POBP. Therefore, WAOB cannot be recoded from POBP.

Data users should be aware that the area groupings for WAOB are based primarily upon United States administrative boundaries, not geographic boundaries. For example, Guam is grouped into "Puerto Rico and the U.S. Island Areas," although geographically it is located in Oceania. Not all places of birth are listed individually in POBP. Therefore the user cannot recreate an exact world area of birth variable from POBP based upon geographic location of birth.