HOUSING RECORD

HOUSING RECORD—BASIC VARIABLES

RT  Character  1  
Record Type
  H .Housing Record or Group Quarters Unit
  P .Person Record

SERIALNO  Character  13  
Housing unit/GQ person serial number
  2013000000001..2017999999999 .Unique identifier

DIVISION  Character  1  
Division code based on 2010 Census definitions
  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  Character  5  
Public use microdata area code (PUMA) based on 2010 Census definition
(areas with population of 100,000 or more, use with ST for unique code)
  00100..70301 .Public use microdata area codes

REGION  Character  1  
Region code based on 2010 Census definitions
  1 .Northeast
  2 .Midwest
  3 .South
  4 .West
  9 .Puerto Rico

ST  Character  2  
State code based on 2010 Census definitions
  01 .Alabama/AL
  02 .Alaska/AK
  04 .Arizona/AZ
  05 .Arkansas/AR
  06 .California/CA
  08 .Colorado/CO
  09 .Connecticut/CT
  10 .Delaware/DE
ADJHSG  Character 7
Adjustment factor for housing dollar amounts (6 implied decimal places)
1054015 .2013 factor
1036463 .2014 factor
1034680 .2015 factor
1021505 .2016 factor
1000000 .2017 factor

ADJINC  Character 7
Adjustment factor for income and earnings dollar amounts (6 implied decimal places)
1061971 .2013 factor (1.007549 * 1.05401460)
<table>
<thead>
<tr>
<th>Year</th>
<th>Factor (Multiplier)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>(1.008425 * 1.03646282)</td>
</tr>
<tr>
<td>2015</td>
<td>(1.001264 * 1.03468042)</td>
</tr>
<tr>
<td>2016</td>
<td>(1.007588 * 1.02150538)</td>
</tr>
<tr>
<td>2017</td>
<td>(1.011189 * 1.00000000)</td>
</tr>
</tbody>
</table>

**WGTP** Numeric 5
Housing Unit Weight
00000 .Group Quarter placeholder record
00001..09999 .Integer weight of housing unit

**NP** Numeric 2
Number of persons associated with 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** Character 1
Type of unit
1 .Housing unit
2 .Institutional group quarters
3 .Noninstitutional group quarters

**ACCESS** Character 1
Access to the Internet
b .N/A (GQ/vacant)
1 .Yes, by paying a cell phone company or Internet service provider
2 .Yes, without paying a cell phone company or Internet service provider
3 .No access to the Internet at this house, apartment, or mobile home

**ACR** Character 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** Character 1
Sales of Agriculture Products (Yearly sales, no adjustment factor is applied)
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+

**BATH** Character 1
Bathtub or shower
BDSP  Numeric  2
Number of bedrooms
  bb .N/A (GQ)
  00..99 .0 to 99 bedrooms (Top-coded)

BLD  Character  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.

BUS  Character  1
Business or medical office on property
  b .N/A (GQ/not a one-family house or mobile home)
  1 .Yes
  2 .No
  9 .Case is from 2016 or later

BROADBND  Character  1
Cellular data plan for a smartphone or other mobile device
  b .N/A (GQ/vacant/no paid access to the internet)
  1 .Yes
  2 .No

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

CONP  Numeric  4
Condo fee (monthly amount, use ADJHSG to adjust CONP to constant dollars)
  bbbbb .N/A (GQ/vacant units/not owned or being bought)
  0000 .Not condo
  0001..9999 .$1 - $9999 (Rounded and top-coded)

DIALUP  Character  1
Dial-up service
  b .N/A (GQ/vacant/no paid access to the internet)
  1 .Yes
  2 .No
<table>
<thead>
<tr>
<th>Variable</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GASP</td>
<td>Numeric 3</td>
<td>Gas (monthly cost, use ADJHSG to adjust GASP values 4 and over to constant dollars)</td>
</tr>
<tr>
<td>ELEP</td>
<td>Numeric 3</td>
<td>Electricity (monthly cost, use ADJHSG to adjust values 3 and over to constant dollars)</td>
</tr>
<tr>
<td>FULP</td>
<td>Numeric 4</td>
<td>Fuel cost (yearly cost for fuels other than gas and electricity, use ADJHSG to adjust values 3 and over to constant dollars)</td>
</tr>
<tr>
<td>FS</td>
<td>Character 1</td>
<td>Yearly food stamp/Supplemental Nutrition Assistance Program (SNAP) recipiency</td>
</tr>
<tr>
<td>HOTWAT</td>
<td>Character 1</td>
<td>Water heater (Puerto Rico only)</td>
</tr>
<tr>
<td>HFL</td>
<td>Numeric 1</td>
<td>House heating fuel</td>
</tr>
<tr>
<td>HISPEED</td>
<td>Character 1</td>
<td>Broadband (high speed) Internet service such as cable, fiber optic, or DSL service</td>
</tr>
</tbody>
</table>
2 .No
9 .Case is from the United States or collected in 2013, HOTWAT not applicable

### INSP  Numeric  5
Fire/hazard/flood insurance (yearly amount, yearly amount, use ADJHSG to adjust INSP to constant dollars)
- bbbbb .N/A (GQ/vacant/not owned or being bought)
- 00000 .None
- 00001..10000 .$1 to $10000 (Rounded and top-coded)

### LAPTOP  Character  1
Laptop or desktop
- b .N/A (GQ/vacant)
- 1 .Yes
- 2 .No

### MHP  Numeric  5
Mobile home costs (yearly amount, use ADJHSG to adjust MHP to constant dollars)
- bbbbb .N/A (GQ/vacant/not owned or being bought/ not mobile home)
- 00000 .None
- 00001..99999 .$1 to $99999 (Rounded and top-coded)

### MRGI  Character  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  Numeric  5
First mortgage payment (monthly amount, use ADJHSG to adjust MRGP to constant dollars)
- bbbbb .N/A (GQ/vacant/not owned or being bought/not mortgaged)
- 00001..99999 .$1 to $99999 (Rounded and top-coded)

### MRGT  Character  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  Character  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  Character  1
Other Internet service
- b .N/A (GQ/vacant/no paid access to the internet)
- 1 .Yes
- 2 .No
**REFR**  Character  1  
Refrigerator  
b .N/A (GQ)  
1 .Yes  
2 .No

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

**RNTM**  Character  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**  Numeric  5  
Monthly rent (use ADJHSG to adjust RNTP to constant dollars)  
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)

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

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

**SATELLITE**  Character  1  
Satellite Internet service  
b .N/A (GQ/vacant/no paid access to the internet)  
1 .Yes  
2 .No

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

**SMARTPHONE**  Character  1  
Smartphone  
b .N/A (GQ/vacant)  
1 .Yes  
2 .No
<table>
<thead>
<tr>
<th>Variable</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMP</td>
<td>Numeric</td>
<td>Total payment on all second and junior mortgages and home equity loans</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(monthly amount, use ADJHSG to adjust SMP to constant dollars)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$1 to $99999 (Rounded and top-coded)</td>
</tr>
<tr>
<td>STOV</td>
<td>Character</td>
<td>Stove or range</td>
</tr>
<tr>
<td></td>
<td></td>
<td>.N/A (GQ/vacant)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 .Yes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 .No</td>
</tr>
<tr>
<td>TABLET</td>
<td>Character</td>
<td>Tablet or other portable wireless computer</td>
</tr>
<tr>
<td></td>
<td></td>
<td>.N/A (GQ/vacant)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 .Yes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 .No</td>
</tr>
<tr>
<td>TEL</td>
<td>Character</td>
<td>Telephone service</td>
</tr>
<tr>
<td></td>
<td></td>
<td>.N/A (GQ/vacant)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 .Yes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 .No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>8 .Suppressed for data years 2015 and 2016 for selected PUMAs</td>
</tr>
<tr>
<td>TEN</td>
<td>Character</td>
<td>Tenure</td>
</tr>
<tr>
<td></td>
<td></td>
<td>.N/A (GQ/vacant)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 .Owned with mortgage or loan (include home equity loans)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 .Owned free and clear</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 .Rented</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 .Occupied without payment of rent</td>
</tr>
<tr>
<td>TOIL</td>
<td>Character</td>
<td>Flush toilet</td>
</tr>
<tr>
<td></td>
<td></td>
<td>.N/A (GQ)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 .Yes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 .No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>9 .Case is from 2016 or later</td>
</tr>
<tr>
<td>VACS</td>
<td>Character</td>
<td>Vacancy status</td>
</tr>
<tr>
<td></td>
<td></td>
<td>.N/A (GQ/occupied)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 .For rent</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 .Rented, not occupied</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 .For sale only</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 .Sold, not occupied</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 .For seasonal/recreational/occasional use</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6 .For migrant workers</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7 .Other vacant</td>
</tr>
<tr>
<td>VALP</td>
<td>Numeric</td>
<td>Property value</td>
</tr>
</tbody>
</table>
VEH
Character 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
Numeric 4
Water (yearly cost, use ADJHSG to adjust WATP values 3 and over to constant dollars)
 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)

YBL
Character 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
20 .2016
21 .2017

HOUSING RECORD-HOUSEHOLD VARIABLES

FES
Character 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

FINCP

Numeric 8
Family income (past 12 months, use ADJINC to adjust FINCP to constant dollars)

- N/A (GQ/vacant)
- 00000000. No family income
- 0059999. Loss of $59,999 or more
- 0059998. -0000001. Loss of $1 to $59,998
- 0000001. $1 or Break even
- 00000002. 99999999. Total family income in dollars (Components are rounded)

FPARC

Character 1
Family presence and age of related children

- 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

Numeric 5
Gross rent (monthly amount, use ADJHSG to adjust GRNTP to constant dollars)

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

GRPIP

Numeric 3
Gross rent as a percentage of household income past 12 months

- 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

Character 1
Household language

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

HHT

Character 1
Household/family type

- N/A (GQ/vacant)
- 1. Married couple household
- 2. Other family household: Male householder, no spouse present
- 3. Other family household: Female householder, no spouse 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**

**Numeric 8**

Household income (past 12 months, use ADJINC to adjust HINCP to constant dollars)

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A (GQ/vacant)</td>
<td>Loss of $59,999 or more</td>
</tr>
<tr>
<td>0</td>
<td>Loss of $1 to $59,998</td>
</tr>
<tr>
<td>1</td>
<td>$1 or Break even</td>
</tr>
<tr>
<td>2</td>
<td>Total household income in dollars (Components are rounded)</td>
</tr>
</tbody>
</table>

**HUGCL**

**Character 1**

Household with grandparent living with grandchildren

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A (GQ/vacant)</td>
<td>Household without grandparent living with grandchildren</td>
</tr>
<tr>
<td>1</td>
<td>Household with grandparent living with grandchildren</td>
</tr>
</tbody>
</table>

**HUPAC**

**Character 1**

HH presence and age of children

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A (GQ/vacant)</td>
<td>With children under 6 years only</td>
</tr>
<tr>
<td>1</td>
<td>With children 6 to 17 years only</td>
</tr>
<tr>
<td>2</td>
<td>With children under 6 years and 6 to 17 years</td>
</tr>
<tr>
<td>3</td>
<td>No children</td>
</tr>
</tbody>
</table>

**HUPAOC**

**Character 1**

HH presence and age of own children

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A (GQ/vacant)</td>
<td>Presence of own children under 6 years only</td>
</tr>
<tr>
<td>1</td>
<td>Presence of own children 6 to 17 years only</td>
</tr>
<tr>
<td>2</td>
<td>Presence of own children under 6 years and 6 to 17 years</td>
</tr>
<tr>
<td>3</td>
<td>No own children present</td>
</tr>
</tbody>
</table>

**HUPARC**

**Character 1**

HH presence and age of related children

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A (GQ/vacant)</td>
<td>Presence of related children under 6 years only</td>
</tr>
<tr>
<td>1</td>
<td>Presence of related children 6 to 17 years only</td>
</tr>
<tr>
<td>2</td>
<td>Presence of related children under 6 years and 6 to 17 years</td>
</tr>
<tr>
<td>3</td>
<td>No related children present</td>
</tr>
</tbody>
</table>

**KIT**

**Character 1**

Complete kitchen facilities

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A (GQ)</td>
<td>Yes, has stove or range, refrigerator, and sink with a faucet</td>
</tr>
<tr>
<td>1</td>
<td>No</td>
</tr>
</tbody>
</table>

**LNGI**

**Character 1**

Limited English speaking household

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A (GQ/vacant)</td>
<td></td>
</tr>
</tbody>
</table>
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**

**Character 1**

Multigenerational Household

- 1. No, not a multigenerational household
- 2. Yes, is a multigenerational household

**MV**

**Character 1**

When moved into this house or apartment

- 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**

**Numeric 2**

Number of own children in household (unweighted)

- 0. N/A (GQ/vacant)
- 1. 0-19

**NPF**

**Numeric 2**

Number of persons in family (unweighted)

- 0. N/A (GQ/vacant/non-family household)
- 1. 2-20

**NPP**

**Character 1**

Grandparent headed household with no parent present

- 0. Not a grandparent headed household with no parent present
- 1. Grandparent headed household with no parent present

**NR**

**Character 1**

Presence of nonrelative in household

- 0. N/A (GQ/vacant)
- 1. 1 or more nonrelatives

**NRC**

**Numeric 2**

Number of related children in household (unweighted)

- 0. N/A (GQ/vacant)
- 1. 0-19

**OCPIP**

**Numeric 3**

Selected monthly owner costs as a percentage of household income during the past 12 months

- 0. N/A (GQ/vacant/not owned or being bought/no household income)
PARTNER  Character  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  Character  1
Complete plumbing facilities
  b .N/A (GQ)
  1 .Yes, has hot and cold running water and a bathtub or shower
     .(includes flush toilet for data collected prior to 2016)
  2 .No
  9 .Case is from Puerto Rico, PLM recode not applicable

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

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

R18  Character  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  Character  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  Character  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  Character  1
Response mode
  b .N/A (GQ)
1. **Mail**
2. **CATI/CAPI**
3. **Internet**

### SMOCP
**Numeric 5**
Selected monthly owner costs (use ADJHSG to adjust SMOCP to constant dollars)

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>bbbbb</td>
<td>N/A (GQ/vacant/not owned or being bought)</td>
</tr>
<tr>
<td>00000</td>
<td>None</td>
</tr>
<tr>
<td>00001 .. 99999</td>
<td>$1 - $99999 (Components are rounded)</td>
</tr>
</tbody>
</table>

### SMX
**Character 1**
Second or junior mortgage or home equity loan status

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>b</td>
<td>N/A (GQ/vacant/not owned or being bought)</td>
</tr>
<tr>
<td>1</td>
<td>Yes, a second mortgage</td>
</tr>
<tr>
<td>2</td>
<td>Yes, a home equity loan</td>
</tr>
<tr>
<td>3</td>
<td>No</td>
</tr>
<tr>
<td>4</td>
<td>Both a second mortgage and a home equity loan</td>
</tr>
</tbody>
</table>

### SRNT
**Character 1**
Specified rental unit

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>b</td>
<td>N/A (GQ/vacant units, except &quot;for rent&quot; and &quot;rented, not .occupied&quot;/owned or being bought)</td>
</tr>
<tr>
<td>0</td>
<td>A single-family home on 10 or more acres</td>
</tr>
<tr>
<td>1</td>
<td>A single-family home on less than 10 acres or any other type .of building, including mobile homes, with no regard to .acreage.</td>
</tr>
</tbody>
</table>

### SSMC
**Character 1**
Same-sex married couple households

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>b</td>
<td>N/A (GQ/vacant)</td>
</tr>
<tr>
<td>0</td>
<td>Households without a same-sex married couple</td>
</tr>
<tr>
<td>1</td>
<td>Same-sex married-couple household where not all relevant data .shown as reported</td>
</tr>
<tr>
<td>2</td>
<td>All other same-sex married-couple households</td>
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</table>

### SVAL
**Character 1**
Specified owner unit

<table>
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<tr>
<th>Value</th>
<th>Description</th>
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<tbody>
<tr>
<td>b</td>
<td>N/A (GQ/vacant units, except &quot;for sale only&quot; and &quot;sold, not .occupied&quot;/not owned or being bought)</td>
</tr>
<tr>
<td>0</td>
<td>A single family home on 10 or more acres or any other type of .building, including mobile homes, with no regard to acreage.</td>
</tr>
<tr>
<td>1</td>
<td>A single family home on less than 10 acres</td>
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</table>

### TAXP
**Character 2**
Property taxes (yearly amount, no adjustment factor is applied)

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<th>Description</th>
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<td>01</td>
<td>None</td>
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<tr>
<td>02</td>
<td>$ 1 - $ 49</td>
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<tr>
<td>03</td>
<td>$ 50 - $ 99</td>
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67  $9000 - $9999
68  $10000+ (Top-coded)

**WIF**  
*Character 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**  
*Character 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**  
*Character 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

HOUSING RECORD-ALLOCATION FLAGS

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

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

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

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

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

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

FBROADBNDP Character 1
Cellular data plan for a smartphone or other mobile device allocation flag
b .N/A (GQ)
0 .No
1 .Yes

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

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

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

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

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

FFSP  Character  1  
Yearly food stamp/Supplemental Nutrition Assistance Program (SNAP) recipiency allocation flag  
0 .No  
1 .Yes

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

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

FGRNTP  Character  1  
Gross rent (monthly amount) allocation flag  
b  .N/A (GQ)  
0 .No  
1 .Yes
FHFLP  Character  1  
House heating fuel allocation flag  
b .N/A (GQ)  
0 .No  
1 .Yes

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

FHISPEEDP  Character  1  
Broadband (high speed) Internet service such as cable, fiber optic, or DSL service allocation flag  
b .N/A (GQ)  
0 .No  
1 .Yes

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FSMARTPHONP Character 1
Smartphone allocation flag
b .N/A (GQ)
0 .No
1 .Yes

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

FSMP Character 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 Character 1
Home equity loan status allocation flag
b .N/A (GQ)
FSMXSP  Character  1
Second mortgage status allocation flag
b .N/A (GQ)
0 .No
1 .Yes

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

FTABLETP  Character  1
Tablet or other portable wireless computer allocation flag
b .N/A (GQ)
0 .No
1 .Yes

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

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

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

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

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

FVALP  Character  1
Property value allocation flag
b .N/A (GQ)
0 .No
1 .Yes
<table>
<thead>
<tr>
<th>Character</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>FVEHP</td>
<td>Vehicles available allocation flag</td>
<td>N/A (GQ), No, Yes</td>
</tr>
<tr>
<td>FWATP</td>
<td>Water (yearly cost) allocation flag</td>
<td>N/A (GQ), No, Yes</td>
</tr>
<tr>
<td>FYBLP</td>
<td>When structure first built allocation flag</td>
<td>N/A (GQ), No, Yes</td>
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**HOUSING RECORD-REPLICATE WEIGHTS**

<table>
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<th>Type</th>
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WGTP52  Numeric  5
Housing Unit Weight replicate 52
-9999..09999 .Integer weight of housing unit

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

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

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

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

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

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

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

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

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

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

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

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

WGTP65  Numeric  5
Housing Unit Weight replicate 65
-9999..09999 .Integer weight of housing unit
WGTP66  Numeric  5
Housing Unit Weight replicate 66
-9999..09999  .Integer weight of housing unit

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

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

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

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

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

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

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

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

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

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

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

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

WGTP79  Numeric  5
Housing Unit Weight replicate 79
-9999..09999  .Integer weight of housing unit
PERSON RECORD

PERSON RECORD-BASIC VARIABLES

RT  Character  1
Record Type
H  .Housing Record or Group Quarters Unit
P  .Person Record

SERIALNO  Character  13
Housing unit/GQ person serial number
2013000000001..2017999999999 .Unique identifier

DIVISION  Character  1
Division code based on 2010 Census definitions
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)

SPORDER  Character  2
Person number
01..20 .Person number

PUMA  Character  5
Public use microdata area code (PUMA) based on 2010 Census definition
(areas with population of 100,000 or more, use with ST for unique code)
00100..70301 .Public use microdata area codes

REGION  Character  1
Region code based on 2010 Census definitions
1  .Northeast
2  .Midwest
3  .South
4  .West
9  .Puerto Rico

ST  Character  2
State code based on 2010 Census definitions
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 Character 7**  
Adjustment factor for income and earnings dollar amounts (6 implied decimal places)  
1061971 .2013 factor (1.007549 * 1.05401460)  
1045195 .2014 factor (1.008425 * 1.03646282)  
1035988 .2015 factor (1.001264 * 1.03468042)  
1029257 .2016 factor (1.007588 * 1.02150538)  
1011189 .2017 factor (1.011189 * 1.00000000)
PWGTP  Numeric  5
Person weight
00001..09999 .Integer weight of person

PERSON RECORD-PERSON VARIABLES

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

CIT  Character  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  Numeric  4
Year of naturalization write-in
bbbb .Not eligible - not naturalized
1939 .1939 or earlier (Bottom-coded)
1940 .1940 - 1944
1945 .1945 - 1947
1948 .1948 - 1949
1950 .1950
1951 .1951
1952 .1952
1953 .1953
1954 .1954
1955 .1955
1956 .1956
1957 .1957
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2006 .2006
2007 .2007
2008 .2008
2009 .2009
2010 .2010
2011 .2011
2012 .2012
2013 .2013
2014 .2014
2015 .2015
2016 .2016
2017 .2017

COW Character 1
Class of worker
b .Not in universe (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** Character 1
Self-care difficulty
b. N/A (Less than 5 years old)
1. Yes
2. No

**DEAR** Character 1
Hearing difficulty
1. Yes
2. No

**DEYE** Character 1
Vision difficulty
1. Yes
2. No

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

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

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

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

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

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

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

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

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

**HINS4 Character 1**
Medicaid, Medical Assistance, or any kind of government-assistance plan for those with low incomes or a disability
1. Yes
2. No
<table>
<thead>
<tr>
<th>HINS5</th>
<th>Character 1</th>
<th>TRICARE or other military health care</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 .Yes</td>
<td></td>
<td></td>
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<tr>
<td>2 .No</td>
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<tr>
<th>HINS6</th>
<th>Character 1</th>
<th>VA (including those who have ever used or enrolled for VA health care)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 .Yes</td>
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<td>2 .No</td>
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<th>HINS7</th>
<th>Character 1</th>
<th>Indian Health Service</th>
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<tr>
<td>1 .Yes</td>
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<td>2 .No</td>
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<th>INTP</th>
<th>Numeric 6</th>
<th>Interest, dividends, and net rental income past 12 months (signed, use ADJINC to adjust to constant dollars)</th>
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<tr>
<td>bbbbb</td>
<td>.N/A (less than 15 years old)</td>
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<tr>
<td>00000</td>
<td>.None</td>
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<td>-09999..-00001</td>
<td>Loss $1 to $9999 (Rounded and bottom-coded)</td>
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<td>$1 or break even</td>
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<td>000002..999999</td>
<td>$2 to $99999 (Rounded and top-coded)</td>
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<th>Numeric 3</th>
<th>Travel time to work</th>
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<td>.N/A (not a worker or worker who worked at home)</td>
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<td>001..200</td>
<td>1 to 200 minutes to get to work (Top-coded)</td>
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<th>JWRIP</th>
<th>Numeric 2</th>
<th>Vehicle occupancy</th>
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<tbody>
<tr>
<td>bb</td>
<td>.N/A (not a worker or worker whose means of transportation to work was not car, truck, or van)</td>
<td></td>
</tr>
<tr>
<td>01</td>
<td>.Drove alone</td>
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<tr>
<td>02</td>
<td>.In 2-person carpool</td>
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<tr>
<td>03</td>
<td>.In 3-person carpool</td>
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<tr>
<td>04</td>
<td>.In 4-person carpool</td>
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<tr>
<td>05</td>
<td>.In 5-person carpool</td>
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<tr>
<td>06</td>
<td>.In 6-person carpool</td>
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<tr>
<td>07</td>
<td>.In 7-person carpool</td>
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<tr>
<td>08</td>
<td>.In 8-person carpool</td>
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<td>09</td>
<td>.In 9-person carpool</td>
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<tr>
<td>10</td>
<td>.In 10-person or more carpool (Top-coded)</td>
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<th>JWTR</th>
<th>Character 2</th>
<th>Means of transportation to work</th>
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<tbody>
<tr>
<td>bb</td>
<td>.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)</td>
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<tr>
<td>01</td>
<td>.Car, truck, or van</td>
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<td>02</td>
<td>.Bus or trolley bus</td>
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<tr>
<td>03</td>
<td>.Streetcar or trolley car (carro publico in Puerto Rico)</td>
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<td>04</td>
<td>.Subway or elevated</td>
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<td>.Ferryboat</td>
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<td>07</td>
<td>.Taxicab</td>
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</tbody>
</table>
08 .Motorcycle
09 .Bicycle
10 .Walked
11 .Worked at home
12 .Other method

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

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

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

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

MARHYP  Numeric  4
Year last married
bbbb .N/A (age less than 15 years; never married)
1937 .1937 or earlier (Bottom-coded)
1938 .1938
1939 .1939
1940 .1940
1941 .1941
1942 .1942
1943 .1943
1944 .1944
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MIG  Character  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  Character  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  Character  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  Character  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  Character  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  Character  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
MLPF Character 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 Character 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 Character 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 Character 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 Character 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 Character 1
Temporary absence from work (Unedited-See "Employment Status Recode" (ESR))
b .N/A (less than 16 years old/at work/on layoff)
1 .Yes
2 .No
3 .Did not report

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

NWLK Character 1
Looking for work (Unedited-See "Employment Status Recode" (ESR))
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<th>Informed of recall (Unedited—See &quot;Employment Status Recode&quot; (ESR))</th>
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<td>NWRE</td>
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<td>1 .Yes</td>
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<td>2 .No</td>
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<td>3 .Did not report</td>
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<tr>
<th>Numeric 6</th>
<th>All other income past 12 months (use ADJINC to adjust to constant dollars)</th>
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<tr>
<td>OIP</td>
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<tr>
<td>bbbbbb .N/A (less than 15 years old)</td>
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<td>000000 .None</td>
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<th>Public assistance income past 12 months (use ADJINC to adjust to constant dollars)</th>
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<td>00 .Reference person</td>
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<td>01 .Husband/wife</td>
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<tr>
<td>02 .Biological son or daughter</td>
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<tr>
<td>03 .Adopted son or daughter</td>
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<td>04 .Stepson or stepdaughter</td>
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<td>05 .Brother or sister</td>
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<td>06 .Father or mother</td>
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<td>07 .Grandchild</td>
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<td>08 .Parent-in-law</td>
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<td>09 .Son-in-law or daughter-in-law</td>
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<td>10 .Other relative</td>
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<td>11 .Roomer or boarder</td>
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<td>12 .Housemate or roommate</td>
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<td>13 .Unmarried partner</td>
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<td>14 .Foster child</td>
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<td>15 .Other nonrelative</td>
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<tr>
<td>16 .Institutionalized group quarters population</td>
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<tr>
<td>17 .Noninstitutionalized group quarters population</td>
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<tr>
<th>Numeric 6</th>
<th>Retirement income past 12 months (use ADJINC to adjust to constant dollars)</th>
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<td>RETP</td>
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<td>bbbbbb .N/A (less than 15 years old)</td>
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<td>000001..999999 .$1 to $999999 (Rounded and top-coded)</td>
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SCH Character 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, private college, or home school

SCHG Character 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 Character 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  Numeric  6
Self-employment income past 12 months (signed, use ADJINC to adjust
SEMP to constant dollars)
bbbbbbb .N/A (less than 15 years old)
00000 .None
-10000..-0001 .Loss $1 to $10000 (Rounded and bottom-coded)
00001 .$1 or break even
000002..999999 .$2 to $999999 (Rounded and top-coded)

SEX  Character  1
Sex
1 .Male
2 .Female

SSIP  Numeric  5
Supplementary Security Income past 12 months (use ADJINC to adjust SSIP
to constant dollars)
bbbbb .N/A (less than 15 years old)
00000 .None
00001..30000 .$1 to $30000 (Rounded)

SSP  Numeric  5
Social Security income past 12 months (use ADJINC to adjust SSP to
costant dollars)
bbbbb .N/A (less than 15 years old)
00000 .None
00001..50000 .$1 to $50000 (Rounded)

WAGP  Numeric  6
Wages or salary income past 12 months (use ADJINC to adjust WAGP to
costant dollars)
bbbbbbb .N/A (less than 16 years old/did not work during the past
12 months)
00000 .None
000001..999999 .$1 to 999999 (Rounded and top-coded)

WKHP  Numeric  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  Character  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  Character  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 month
5  .14 to 26 weeks worked during past 12 months
6  .14 weeks or less worked during past 12 months

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2013 .2013
2014 .2014
2015 .2015
2016 .2016
2017 .2017

PERSON RECORD—RECODED PERSON VARIABLES

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

ANC1P  Character  3
Ancestry recode - first entry
001  .Alsatian
003  .Austrian
005  .Basque
008  .Belgian
009  .Flemish
011  .British
012  .British Isles
020  .Danish
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750 .Korean
765 .Laotian
768 .Hmong
770 .Malaysian
776 .Thai
782 . Taiwanese
785 .Vietnamese
793 . Eurasian (2016 or earlier)
795 .Asian
799 .Other Asian
800 .Australian
803 . New Zealander
808 . Polynesian
811 . Hawaiian
814 . Samoan
815 . Tongan
820 . Micronesian
821 . Guamanian
822 . Chamorro
824 . Palauan (2017 or later)
825 . Marshallse
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 (2016 or earlier)
922 . Eskimo
924 . White
925 . Anglo
927 . Appalachian
929 . Pennsylvania German
931 . Canadian
935 . French Canadian
936 . Acadian (2017 or later)
937 . Cajun
939 . American
940 . United States
970 . New Mexico (2017 or later)
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152 .Serbian
153 .Slovak
154 .Slovene
168 .Turkestani
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 .Ecuadorean
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
404 .Libyan (2017 or later)
406 .Moroccan
411 .North African
416 .Iranian
417 .Iraqi
419 .Israeli
421 .Jordanian
423 .Kuwaiti (2017 or later)
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
527 .Gambian (2017 or later)
529 .Ghanaian
530 .Guinean (2017 or later)
534 .Kenyan
541 .Liberian
553 .Nigerian
564 .Senegalese
566 .Sierra Leonean
568 .Somali
570 .South African
576 .Sudanese
586 .Togo (2017 or later)
587 .Other Subsaharan African
588 .Ugandan
593 .Zimbabwean (2017 or later)
598 .Western African
DECADE  Character  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 - 2009
  8 .2010 or later

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

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

**ESR Character 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 Character 4**
Recoded field of degree - first entry
bbbbb. 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  Character  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
2305 .Mathematics Teacher Education
2306 .Physical And Health Education Teaching
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

**HICOV**

**Character 1**  
Health insurance coverage recode  
1 .With health insurance coverage  
2 .No health insurance coverage

**HISP**

**Character 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 .Ecuadorean  
18 .Paraguayan  
19 .Peruvian
20 . Uruguayan
21 . Venezuelan
22 . Other South American
23 . Spaniard
24 . All Other Spanish/Hispanic/Latino

INDP  Character  4
Industry recode based on 2012 IND codes
bbbb . Not in universe (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 (The Cleaning Of Buildings And Dwellings
      Is Incidental During Construction And Immediately After
      Construction)
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
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tr>
<td>2070</td>
<td>MFG-Petroleum Refining</td>
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<tr>
<td>2090</td>
<td>MFG-Miscellaneous Petroleum And Coal Products</td>
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<tr>
<td>2170</td>
<td>MFG-Resin, Synthetic Rubber, And Fibers And Filaments</td>
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<tr>
<td>2180</td>
<td>MFG-Agricultural Chemicals</td>
</tr>
<tr>
<td>2190</td>
<td>MFG-Pharmaceuticals And Medicines</td>
</tr>
<tr>
<td>2270</td>
<td>MFG-Paint, Coating, And Adhesives</td>
</tr>
<tr>
<td>2280</td>
<td>MFG-Soap, Cleaning Compound, And Cosmetics</td>
</tr>
<tr>
<td>2290</td>
<td>MFG-Industrial And Miscellaneous Chemicals</td>
</tr>
<tr>
<td>2370</td>
<td>MFG-Plastics Products</td>
</tr>
<tr>
<td>2380</td>
<td>MFG-Tires</td>
</tr>
<tr>
<td>2390</td>
<td>MFG-Rubber Products, Except Tires</td>
</tr>
<tr>
<td>2470</td>
<td>MFG-Pottery, Ceramics, And Plumbing Fixture Manufacturing</td>
</tr>
<tr>
<td>2480</td>
<td>MFG- Clay Building Material And Refractories</td>
</tr>
<tr>
<td>2490</td>
<td>MFG-Glass And Glass Products</td>
</tr>
<tr>
<td>2570</td>
<td>MFG-Cement, Concrete, Lime, And Gypsum Products</td>
</tr>
<tr>
<td>2590</td>
<td>MFG-Miscellaneous Nonmetallic Mineral Products</td>
</tr>
<tr>
<td>2670</td>
<td>MFG-Iron And Steel Mills And Steel Products</td>
</tr>
<tr>
<td>2680</td>
<td>MFG-Aluminum Production And Processing</td>
</tr>
<tr>
<td>2690</td>
<td>MFG-Nonferrous Metal, Except Aluminum, Production And Processing</td>
</tr>
<tr>
<td>2770</td>
<td>MFG-Foundries</td>
</tr>
<tr>
<td>2780</td>
<td>MFG-Metal Forgings And Stampings</td>
</tr>
<tr>
<td>2790</td>
<td>MFG-Cutlery And Hand Tools</td>
</tr>
<tr>
<td>2870</td>
<td>MFG-Structural Metals, And Boiler, Tank, And Shipping Containers</td>
</tr>
<tr>
<td>2880</td>
<td>MFG-Machine Shops; Turned Products; Screws, Nuts And Bolts</td>
</tr>
<tr>
<td>2890</td>
<td>MFG-Coating, Engraving, Heat Treating And Allied Activities</td>
</tr>
<tr>
<td>2970</td>
<td>MFG-Ordnance</td>
</tr>
<tr>
<td>2980</td>
<td>MFG-Miscellaneous Fabricated Metal Products</td>
</tr>
<tr>
<td>2990</td>
<td>MFG-Not Specified Metal Industries</td>
</tr>
<tr>
<td>3070</td>
<td>MFG-Agricultural Implements</td>
</tr>
<tr>
<td>3080</td>
<td>MFG-Construction, And Mining And Oil And Gas Field Machinery</td>
</tr>
<tr>
<td>3095</td>
<td>MFG-Commercial And Service Industry Machinery</td>
</tr>
<tr>
<td>3170</td>
<td>MFG-Metalworking Machinery</td>
</tr>
<tr>
<td>3180</td>
<td>MFG-Engine, Turbine, And Power Transmission Equipment</td>
</tr>
<tr>
<td>3190</td>
<td>MFG-Machinery, N.E.C. Or Not Specified</td>
</tr>
<tr>
<td>3365</td>
<td>MFG-Computer And Peripheral Equipment</td>
</tr>
<tr>
<td>3370</td>
<td>MFG-Communications, And Audio And Video Equipment</td>
</tr>
<tr>
<td>3380</td>
<td>MFG-Navigational, Measuring, Electromedical, And Control Instruments</td>
</tr>
<tr>
<td>3390</td>
<td>MFG-Electronic Components And Products, N.E.C.</td>
</tr>
<tr>
<td>3470</td>
<td>MFG-Household Appliances</td>
</tr>
<tr>
<td>3490</td>
<td>MFG-Electric Lighting And Electrical Equipment Manufacturing, And Other Electrical Component Manufacturing, N.E.C.</td>
</tr>
<tr>
<td>3570</td>
<td>MFG-Motor Vehicles And Motor Vehicle Equipment</td>
</tr>
<tr>
<td>3580</td>
<td>MFG-Aircraft And Parts</td>
</tr>
<tr>
<td>3590</td>
<td>MFG-Aerospace Products And Parts</td>
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<td>3670</td>
<td>MFG-Railroad Rolling Stock</td>
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<td>3680</td>
<td>MFG-Ship And Boat Building</td>
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<td>3690</td>
<td>MFG-Other Transportation Equipment</td>
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<td>3770</td>
<td>MFG-Sawmills And Wood Preservation</td>
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<td>3780</td>
<td>MFG-Veneer, Plywood, And Engineered Wood Products</td>
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<td>3790</td>
<td>MFG-Prefabricated Wood Buildings And Mobile Homes</td>
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<tr>
<td>3875</td>
<td>MFG-Miscellaneous Wood Products</td>
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<tr>
<td>3895</td>
<td>MFG-Furniture And Related Product</td>
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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 Vehicles 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-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 Liguor 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 Library 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 (Except Cleaning During Construction And Immediately After Construction)
7770 .PRF-Landscaping Services
7780 .PRF-Other Administrative, And Other Support 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

JWAP Character 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 12:34 a.m.  
008 .12:35 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.  
014 .1:15 a.m. to 1:19 a.m.  
015 .1:20 a.m. to 1:24 a.m.  
016 .1:25 a.m. to 1:29 a.m.  
017 .1:30 a.m. to 1:34 a.m.  
018 .1:35 a.m. to 1:39 a.m.  
019 .1:40 a.m. to 1:44 a.m.  
020 .1:45 a.m. to 1:49 a.m.  
021 .1:50 a.m. to 1:59 a.m.  
022 .2:00 a.m. to 2:04 a.m.
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JWDP
Character  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 3:29 a.m.
008. 3:30 a.m. to 3:59 a.m.
009. 3:00 a.m. to 3:29 a.m.
010. 3:30 a.m. to 3:59 a.m.
011. 3:30 a.m. to 3:59 a.m.
012. 3:30 a.m. to 3:59 a.m.
013. 4:00 a.m. to 4:29 a.m.
014. 4:30 a.m. to 4:59 a.m.
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<tr>
<td>4:50 p.m. to 4:59 p.m.</td>
<td></td>
</tr>
<tr>
<td>5:00 p.m. to 5:09 p.m.</td>
<td></td>
</tr>
<tr>
<td>5:10 p.m. to 5:19 p.m.</td>
<td></td>
</tr>
<tr>
<td>5:20 p.m. to 5:29 p.m.</td>
<td></td>
</tr>
<tr>
<td>5:30 p.m. to 5:39 p.m.</td>
<td></td>
</tr>
<tr>
<td>5:40 p.m. to 5:49 p.m.</td>
<td></td>
</tr>
<tr>
<td>5:50 p.m. to 5:59 p.m.</td>
<td></td>
</tr>
<tr>
<td>6:00 p.m. to 6:09 p.m.</td>
<td></td>
</tr>
<tr>
<td>6:10 p.m. to 6:19 p.m.</td>
<td></td>
</tr>
<tr>
<td>6:20 p.m. to 6:29 p.m.</td>
<td></td>
</tr>
<tr>
<td>6:30 p.m. to 6:39 p.m.</td>
<td></td>
</tr>
<tr>
<td>6:40 p.m. to 6:49 p.m.</td>
<td></td>
</tr>
<tr>
<td>6:50 p.m. to 6:59 p.m.</td>
<td></td>
</tr>
<tr>
<td>Time</td>
<td>Character 4 Language other than English spoken at home</td>
</tr>
<tr>
<td>--------------</td>
<td>------------------------------------------------------</td>
</tr>
<tr>
<td>7:00 p.m. to 7:29 p.m.</td>
<td>N/A (GQ/vacant)</td>
</tr>
<tr>
<td>7:30 p.m. to 7:59 p.m.</td>
<td>Jamaican Creole English</td>
</tr>
<tr>
<td>8:00 p.m. to 8:29 p.m.</td>
<td>Other English-based Creole languages</td>
</tr>
<tr>
<td>8:30 p.m. to 8:59 p.m.</td>
<td>Haitian</td>
</tr>
<tr>
<td>9:00 p.m. to 9:29 p.m.</td>
<td>Kabuverdianu</td>
</tr>
<tr>
<td>9:30 p.m. to 9:59 p.m.</td>
<td>German</td>
</tr>
<tr>
<td>10:00 p.m. to 10:29 p.m.</td>
<td>Swiss German</td>
</tr>
<tr>
<td>10:30 p.m. to 10:59 p.m.</td>
<td>Pennsylvania German</td>
</tr>
<tr>
<td>11:00 p.m. to 11:29 p.m.</td>
<td>Yiddish</td>
</tr>
<tr>
<td>11:30 p.m. to 11:59 p.m.</td>
<td>Dutch</td>
</tr>
<tr>
<td>12:00 p.m. to 12:29 p.m.</td>
<td>Afrikaans</td>
</tr>
<tr>
<td>12:30 p.m. to 12:59 p.m.</td>
<td>Swedish</td>
</tr>
<tr>
<td>1:00 p.m. to 1:29 p.m.</td>
<td>Danish</td>
</tr>
<tr>
<td>1:30 p.m. to 1:59 p.m.</td>
<td>Norwegian</td>
</tr>
<tr>
<td>2:00 p.m. to 2:29 p.m.</td>
<td>Italian</td>
</tr>
<tr>
<td>2:30 p.m. to 2:59 p.m.</td>
<td>French</td>
</tr>
<tr>
<td>3:00 p.m. to 3:29 p.m.</td>
<td>Cajun French</td>
</tr>
<tr>
<td>3:30 p.m. to 3:59 p.m.</td>
<td>Spanish</td>
</tr>
<tr>
<td>4:00 p.m. to 4:29 p.m.</td>
<td>Portuguese</td>
</tr>
<tr>
<td>4:30 p.m. to 4:59 p.m.</td>
<td>Romanian</td>
</tr>
<tr>
<td>5:00 p.m. to 5:29 p.m.</td>
<td>Irish</td>
</tr>
<tr>
<td>5:30 p.m. to 5:59 p.m.</td>
<td>Greek</td>
</tr>
<tr>
<td>6:00 p.m. to 6:29 p.m.</td>
<td>Albanian</td>
</tr>
<tr>
<td>6:30 p.m. to 6:59 p.m.</td>
<td>Russian</td>
</tr>
<tr>
<td>7:00 p.m. to 7:29 p.m.</td>
<td>Ukrainian</td>
</tr>
<tr>
<td>7:30 p.m. to 7:59 p.m.</td>
<td>Czech</td>
</tr>
<tr>
<td>8:00 p.m. to 8:29 p.m.</td>
<td>Slovak</td>
</tr>
<tr>
<td>8:30 p.m. to 8:59 p.m.</td>
<td>Polish</td>
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<tr>
<td>9:00 p.m. to 9:29 p.m.</td>
<td>Bulgarian</td>
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<tr>
<td>9:30 p.m. to 9:59 p.m.</td>
<td>Macedonian</td>
</tr>
<tr>
<td>10:00 p.m. to 10:29 p.m.</td>
<td>Serbocroatian</td>
</tr>
<tr>
<td>10:30 p.m. to 10:59 p.m.</td>
<td>Bosnian</td>
</tr>
<tr>
<td>11:00 p.m. to 11:29 p.m.</td>
<td>Croatian</td>
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<tr>
<td>11:30 p.m. to 11:59 p.m.</td>
<td>Serbian</td>
</tr>
<tr>
<td>12:00 a.m. to 12:29 a.m.</td>
<td>Lithuanian</td>
</tr>
<tr>
<td>12:30 a.m. to 12:59 a.m.</td>
<td>Latvian</td>
</tr>
<tr>
<td>Character</td>
<td>Description</td>
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<tr>
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</tr>
<tr>
<td>4500</td>
<td>Arabic</td>
</tr>
<tr>
<td>4545</td>
<td>Hebrew</td>
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<tr>
<td>4560</td>
<td>Assyrian Neo-Aramaic</td>
</tr>
<tr>
<td>4565</td>
<td>Chaldean Neo-Aramaic</td>
</tr>
<tr>
<td>4590</td>
<td>Amharic</td>
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<tr>
<td>4640</td>
<td>Tigrinya</td>
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<td>4830</td>
<td>Oromo</td>
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<tr>
<td>4840</td>
<td>Somali</td>
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<tr>
<td>4880</td>
<td>Other Afro-Asiatic languages</td>
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<tr>
<td>4900</td>
<td>Nilo-Saharan languages</td>
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<tr>
<td>5150</td>
<td>Swahili</td>
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<tr>
<td>5345</td>
<td>Ganda</td>
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<tr>
<td>5525</td>
<td>Shona</td>
</tr>
<tr>
<td>5645</td>
<td>Other Bantu languages</td>
</tr>
<tr>
<td>5845</td>
<td>Manding languages</td>
</tr>
<tr>
<td>5900</td>
<td>Other Mande languages</td>
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<tr>
<td>5940</td>
<td>Fulah</td>
</tr>
<tr>
<td>5950</td>
<td>Wolof</td>
</tr>
<tr>
<td>6120</td>
<td>Akan (incl. Twi)</td>
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<tr>
<td>6205</td>
<td>Ga</td>
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<tr>
<td>6230</td>
<td>Gbe languages</td>
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<tr>
<td>6290</td>
<td>Yoruba</td>
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<tr>
<td>6300</td>
<td>Edoid languages</td>
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<tr>
<td>6370</td>
<td>Igbo</td>
</tr>
<tr>
<td>6500</td>
<td>Other Niger-Congo languages</td>
</tr>
<tr>
<td>6795</td>
<td>Other languages of Africa</td>
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<td>6800</td>
<td>Aleut languages</td>
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<td>Ojibwa</td>
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<tr>
<td>6930</td>
<td>Apache languages</td>
</tr>
<tr>
<td>6933</td>
<td>Navajo</td>
</tr>
<tr>
<td>6936</td>
<td>Kiowa-Tanoan languages (2016 or earlier)</td>
</tr>
<tr>
<td>7019</td>
<td>Dakota languages</td>
</tr>
<tr>
<td>7032</td>
<td>Muskogean languages</td>
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<tr>
<td>7039</td>
<td>Keres</td>
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<tr>
<td>7050</td>
<td>Cherokee</td>
</tr>
<tr>
<td>7059</td>
<td>Zuni (2016 or earlier)</td>
</tr>
<tr>
<td>7060</td>
<td>Uto-Aztec an languages</td>
</tr>
<tr>
<td>7124</td>
<td>Other Native North American languages</td>
</tr>
<tr>
<td>7300</td>
<td>Other Central and South American languages</td>
</tr>
<tr>
<td>9999</td>
<td>Other and unspecified languages</td>
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**MIGPUMA Character 5**
Migration PUMA based on 2010 Census definition

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<tr>
<th>bbbbb</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A (person less than 1 year old/lived in same house 1 year ago)</td>
</tr>
<tr>
<td>00001</td>
<td>Did not live in the United States or in Puerto Rico one year ago</td>
</tr>
<tr>
<td>00002</td>
<td>Lived in Puerto Rico one year ago and current residence is in the U.S.</td>
</tr>
<tr>
<td>00100</td>
<td>Assigned Migration PUMA. Use with MIGSP.</td>
</tr>
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**MIGSP Character 3**
Migration recode - State or foreign country code

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<tr>
<th>bbb</th>
<th>Description</th>
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</thead>
<tbody>
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<td>N/A</td>
<td>N/A (person less than 1 year old/lived in same house 1 year ago)</td>
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<tr>
<td>001</td>
<td>Alabama/AL</td>
</tr>
<tr>
<td>002</td>
<td>Alaska/AK</td>
</tr>
</tbody>
</table>
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
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>138</td>
<td>United Kingdom, Excluding England</td>
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<tr>
<td>139</td>
<td>England</td>
</tr>
<tr>
<td>163</td>
<td>Russia</td>
</tr>
<tr>
<td>164</td>
<td>Ukraine (2017 or later)</td>
</tr>
<tr>
<td>200</td>
<td>Afghanistan</td>
</tr>
<tr>
<td>207</td>
<td>China, Hong Kong, Macau &amp; Paracel Islands</td>
</tr>
<tr>
<td>210</td>
<td>India</td>
</tr>
<tr>
<td>213</td>
<td>Iraq (2016 or earlier)</td>
</tr>
<tr>
<td>214</td>
<td>Israel (2017 or later)</td>
</tr>
<tr>
<td>215</td>
<td>Japan</td>
</tr>
<tr>
<td>217</td>
<td>Korea</td>
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<td>229</td>
<td>Nepal</td>
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<td>231</td>
<td>Pakistan</td>
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<td>233</td>
<td>Philippines</td>
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<td>235</td>
<td>Saudi Arabia</td>
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<td>240</td>
<td>Taiwan</td>
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<td>242</td>
<td>Thailand</td>
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<td>243</td>
<td>Turkey</td>
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<tr>
<td>245</td>
<td>United Arab Emirates (2017 or later)</td>
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<tr>
<td>247</td>
<td>Vietnam</td>
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<tr>
<td>251</td>
<td>Eastern Asia, Not Specified</td>
</tr>
<tr>
<td>252</td>
<td>Western Asia, Not Specified</td>
</tr>
<tr>
<td>253</td>
<td>South Central Asia or Asia, Not Specified</td>
</tr>
<tr>
<td>301</td>
<td>Canada</td>
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<td>303</td>
<td>Mexico</td>
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<td>El Salvador</td>
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<td>313</td>
<td>Guatemala</td>
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<td>314</td>
<td>Honduras</td>
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<tr>
<td>317</td>
<td>Central America, Not Specified</td>
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<tr>
<td>327</td>
<td>Cuba</td>
</tr>
<tr>
<td>329</td>
<td>Dominican Republic</td>
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<td>332</td>
<td>Haiti</td>
</tr>
<tr>
<td>333</td>
<td>Jamaica</td>
</tr>
<tr>
<td>344</td>
<td>Caribbean and North America, Not Specified</td>
</tr>
<tr>
<td>362</td>
<td>Brazil</td>
</tr>
<tr>
<td>364</td>
<td>Colombia</td>
</tr>
<tr>
<td>365</td>
<td>Ecuador (2017 or later)</td>
</tr>
<tr>
<td>370</td>
<td>Peru (2017 or later)</td>
</tr>
<tr>
<td>373</td>
<td>Venezuela (2017 or later)</td>
</tr>
<tr>
<td>374</td>
<td>South America, Not Specified</td>
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<tr>
<td>414</td>
<td>Egypt</td>
</tr>
<tr>
<td>416</td>
<td>Ethiopia (2017 or later)</td>
</tr>
<tr>
<td>427</td>
<td>Kenya (2017 or later)</td>
</tr>
<tr>
<td>440</td>
<td>Nigeria</td>
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<td>467</td>
<td>Western Africa, Not Specified</td>
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<tr>
<td>468</td>
<td>Northern Africa or Other Africa, Not Specified</td>
</tr>
<tr>
<td>469</td>
<td>Eastern Africa, Not Specified</td>
</tr>
<tr>
<td>501</td>
<td>Australia</td>
</tr>
<tr>
<td>555</td>
<td>Other US Island Areas, Oceania, Not Specified, or At Sea</td>
</tr>
</tbody>
</table>

**MSP**

**Character 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 Character 8**

**NAICS Industry code based on 2012 NAICS codes**

- Not in universe (less than 16 years old/NILF who last worked more than 5 years ago or never worked)
- Not in universe (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
113. 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 (The Cleaning Of Buildings And Dwellings Is Incidental During Construction And Immediately After Construction)
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
31322. MFG-Fabric Mills, Except Knitting Mills
3133. MFG-Textile And Fabric Finishing And Fabric Coating Mills
31411. MFG-Carpet And Rug Mills
3142. 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
32192M. 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
32411 .MFG-Petroleum Refining
3241M .MFG-Miscellaneous Petroleum And Coal Products
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.
3361M1 .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 Product
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 Vehicle 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
42492 .WHL-Miscellaneous Nondurable Goods Merchant Wholesalers
424M .WHL-Drugs, Sundries, And Chemical And Allied Products Merchant Wholesalers
4251 .WHL-Electronic Markets And Agents And Brokers
42S .WHL-Not Specified 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
44412 .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
4462 .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 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
515 .INF-Broadcasting, Except Internet
5122 .INF-Sound Recording Industries
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

82
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 (Except Cleaning During Construction And Immediately After Construction)
561M .PRF-Other Administrative, And Other Support Services
562 .PRF-Waste Management And Remediation Services
611 .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
NATIVITY Character  1
Nativity
1 .Native
2 .Foreign born

NOP Character  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  Character 1
Own child
0. No (includes GQ)
1. Yes

OCCP Character 4
Occupation recode 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
<table>
<thead>
<tr>
<th>Code</th>
<th>Occupation</th>
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<tbody>
<tr>
<td>0726</td>
<td>.BUS-Fundraisers</td>
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<tr>
<td>0735</td>
<td>.BUS-Market Research Analysts And Marketing Specialists</td>
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<tr>
<td>0740</td>
<td>.BUS-Business Operations Specialists, All Other</td>
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<tr>
<td>0800</td>
<td>.FIN-Accountants And Auditors</td>
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<tr>
<td>0810</td>
<td>.FIN-Appraisers And Assessors Of Real Estate</td>
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<td>0820</td>
<td>.FIN-Budget Analysts</td>
</tr>
<tr>
<td>0830</td>
<td>.FIN-Credit Analysts</td>
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<tr>
<td>0840</td>
<td>.FIN-Financial Analysts</td>
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<tr>
<td>0850</td>
<td>.FIN-Personal Financial Advisors</td>
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<tr>
<td>0860</td>
<td>.FIN-Insurance Underwriters</td>
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<tr>
<td>0900</td>
<td>.FIN-Financial Examiners</td>
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<tr>
<td>0910</td>
<td>.FIN-Credit Counselors And Loan Officers</td>
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<tr>
<td>0930</td>
<td>.FIN-Tax Examiners And Collectors, And Revenue Agents</td>
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<td>.FIN-Tax Preparers</td>
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<td>.FIN-Financial Specialists, All Other</td>
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<tr>
<td>1005</td>
<td>.CMM-Computer And Information Research Scientists</td>
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<td>1006</td>
<td>.CMM-Computer Systems Analysts</td>
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<td>.CMM-Information Security Analysts</td>
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<td>1010</td>
<td>.CMM-Computer Programmers</td>
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<tr>
<td>1020</td>
<td>.CMM-Software Developers, Applications And Systems Software</td>
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<td>.CMM-Web Developers</td>
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<td>1050</td>
<td>.CMM-Computer Support Specialists</td>
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<td>.CMM-Database Administrators</td>
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<td>1105</td>
<td>.CMM-Network And Computer Systems Administrators</td>
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<td>.CMM-Computer Network Architects</td>
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<td>1107</td>
<td>.CMM-Computer Occupations, All Other</td>
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<td>1200</td>
<td>.CMM-Actuaries</td>
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<tr>
<td>1220</td>
<td>.CMM-Operations Research Analysts</td>
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<tr>
<td>1240</td>
<td>.CMM-Miscellaneous Mathematical Science Occupations, Including Mathematicians And Statisticians</td>
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<tr>
<td>1300</td>
<td>.ENG-Architects, Except Naval</td>
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<tr>
<td>1310</td>
<td>.ENG-Surveyors, Cartographers, And Photogrammetrists</td>
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<tr>
<td>1320</td>
<td>.ENG-Aerospace Engineers</td>
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<tr>
<td>1340</td>
<td>.ENG-Biomedical And Agricultural Engineers</td>
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<td>.ENG-Chemical Engineers</td>
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<td>.ENG-Civil Engineers</td>
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<td>.ENG-Computer Hardware Engineers</td>
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<td>.ENG-Electrical And Electronics Engineers</td>
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<tr>
<td>1420</td>
<td>.ENG-Environmental Engineers</td>
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<tr>
<td>1430</td>
<td>.ENG-Industrial Engineers, Including Health And Safety</td>
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<tr>
<td>1440</td>
<td>.ENG-Marine Engineers And Naval Architects</td>
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<tr>
<td>1450</td>
<td>.ENG-Materials Engineers</td>
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<tr>
<td>1460</td>
<td>.ENG-Mechanical Engineers</td>
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<tr>
<td>1520</td>
<td>.ENG-Petroleum, Mining And Geological Engineers, Including Mining Safety Engineers</td>
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<tr>
<td>1530</td>
<td>.ENG-Miscellaneous Engineers, Including Nuclear Engineers</td>
</tr>
<tr>
<td>1540</td>
<td>.ENG-Drafters</td>
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<tr>
<td>1550</td>
<td>.ENG-Engineering Technicians, Except Drafters</td>
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<tr>
<td>1560</td>
<td>.ENG-Surveying And Mapping Technicians</td>
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<tr>
<td>1600</td>
<td>.SCI-Agricultural And Food Scientists</td>
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<td>1610</td>
<td>.SCI-Biological Scientists</td>
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<td>1640</td>
<td>.SCI-Conservation Scientists And Foresters</td>
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<tr>
<td>1650</td>
<td>.SCI-Medical Scientists, And Life Scientists, All Other</td>
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<tr>
<td>1700</td>
<td>.SCI-Astronomers And Physicists</td>
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<tr>
<td>1710</td>
<td>.SCI-Atmospheric And Space Scientists</td>
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<tr>
<td>1720</td>
<td>.SCI-Chemists And Materials Scientists</td>
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<tr>
<td>1740</td>
<td>.SCI-Environmental Scientists And Geoscientists</td>
</tr>
</tbody>
</table>
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
3100 .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
<table>
<thead>
<tr>
<th>Code</th>
<th>Occupation</th>
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<tbody>
<tr>
<td>3740</td>
<td>PRT-Firefighters</td>
</tr>
<tr>
<td>3750</td>
<td>PRT-Fire Inspectors</td>
</tr>
<tr>
<td>3800</td>
<td>PRT-Bailiffs, Correctional Officers, And Jailers</td>
</tr>
<tr>
<td>3820</td>
<td>PRT-Detectives And Criminal Investigators</td>
</tr>
<tr>
<td>3840</td>
<td>PRT-Miscellaneous Law Enforcement Workers</td>
</tr>
<tr>
<td>3850</td>
<td>PRT-Police Officers</td>
</tr>
<tr>
<td>3900</td>
<td>PRT-Animal Control Workers</td>
</tr>
<tr>
<td>3910</td>
<td>PRT-Private Detectives And Investigators</td>
</tr>
<tr>
<td>3930</td>
<td>PRT-Security Guards And Gaming Surveillance Officers</td>
</tr>
<tr>
<td>3940</td>
<td>PRT-Crossing Guards</td>
</tr>
<tr>
<td>3945</td>
<td>PRT-Transportation Security Screeners</td>
</tr>
<tr>
<td>3955</td>
<td>PRT-Lifeguards And Other Recreational, And All Other</td>
</tr>
<tr>
<td></td>
<td>.Protective Service Workers</td>
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<tr>
<td>4000</td>
<td>EAT-Chefs And Head Cooks</td>
</tr>
<tr>
<td>4010</td>
<td>EAT-First-Line Supervisors Of Food Preparation And Serving</td>
</tr>
<tr>
<td></td>
<td>.Workers</td>
</tr>
<tr>
<td>4020</td>
<td>EAT-Cooks</td>
</tr>
<tr>
<td>4030</td>
<td>EAT-Food Preparation Workers</td>
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<tr>
<td>4040</td>
<td>EAT-Bartenders</td>
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<tr>
<td>4050</td>
<td>EAT-Combined Food Preparation And Serving Workers,</td>
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<tr>
<td></td>
<td>.Including Fast Food</td>
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<tr>
<td>4060</td>
<td>EAT-Counter Attendants, Cafeteria, Food Concession, And</td>
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<td>.Coffee Shop</td>
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<tr>
<td>4110</td>
<td>EAT-Waiters And Waitresses</td>
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<tr>
<td>4120</td>
<td>EAT-Food Servers, Nonrestaurant</td>
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<tr>
<td>4130</td>
<td>EAT-Miscellaneous Food Preparation And Serving Related</td>
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<td>.Workers, Including Dining Room And Cafeteria Attendants And</td>
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<td>.Bartender Helpers</td>
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<tr>
<td>4140</td>
<td>EAT-Dishwashers</td>
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<tr>
<td>4150</td>
<td>EAT-Hosts And Hostesses, Restaurant, Lounge, And Coffee</td>
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<td></td>
<td>.Shop</td>
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<tr>
<td>4200</td>
<td>CLN-First-Line Supervisors Of Housekeeping And Janitorial</td>
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<tr>
<td>4210</td>
<td>CLN-First-Line Supervisors Of Landscaping, Lawn Service, And Groundskeeping Workers</td>
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<tr>
<td>4220</td>
<td>CLN-Janitors And Building Cleaners</td>
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<td>CLN-Maids And Housekeeping Cleaners</td>
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<tr>
<td>4240</td>
<td>CLN-Pest Control Workers</td>
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<tr>
<td>4250</td>
<td>CLN-Grounds Maintenance Workers</td>
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<tr>
<td>4300</td>
<td>PRS-First-Line Supervisors Of Gaming Workers</td>
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<td>4320</td>
<td>PRS-First-Line Supervisors Of Personal Service Workers</td>
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<tr>
<td>4340</td>
<td>PRS-Animal Trainers</td>
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<tr>
<td>4350</td>
<td>PRS-Nonfarm Animal Caretakers</td>
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<td>PRS-Gaming Services Workers</td>
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<tr>
<td>4410</td>
<td>PRS-Motion Picture Projectionists</td>
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<td>4420</td>
<td>PRS-Ushers, Lobby Attendants, And Ticket Takers</td>
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<tr>
<td>4430</td>
<td>PRS-Miscellaneous Entertainment Attendants And Related</td>
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<tr>
<td>4460</td>
<td>PRS-Embalmers And Funeral Attendants</td>
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<td>PRS-Morticians, Undertakers, And Funeral Directors</td>
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<td>PRS-Barbers</td>
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<td>4510</td>
<td>PRS-Hairdressers, Hairstylists, And Cosmetologists</td>
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<td>PRS-Miscellaneous Personal Appearance Workers</td>
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<tr>
<td>4530</td>
<td>PRS-Baggage Porters, Bellhops, And Concierges</td>
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<tr>
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<td>PRS-Tour And Travel Guides</td>
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<tr>
<td>4600</td>
<td>PRS-Childcare Workers</td>
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<tr>
<td>4610</td>
<td>PRS-Personal Care Aides</td>
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</tbody>
</table>
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 Vehicles
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
Assemblers
7720 .PRD-Electrical, Electronics, And Electromechanical
Assemblers
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-Prepress Technicians And Workers
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

PAOC Character 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 Numeric 7
Total person's earnings (use ADJINC to adjust to constant dollars)
bbbbbbbb .N/A (less than 15 years old)
0000000 .No earnings
-010000 .Loss of $10000 or more (Rounded & bottom-coded .components)
-009999..-000001 .Loss $1 to $9999 (Rounded components)
0000001 .$1 or break even
0000002..1999998 .$2 to $1999998(Rounded & top-coded components)

PINCP Numeric 7
Total person's income (signed, use ADJINC to adjust to constant dollars)
bbbbbbbb .N/A (less than 15 years old)
0000000 .None
-019998 .Loss of $19999 or more (Rounded & bottom-coded .components)
-000001..-019997 .Loss $1 to $19997 (Rounded components)
0000001 .$1 or break even
0000002..4209995 .$2 to $4209995(Rounded & top-coded components)

POBP Character 3
Place of birth (Recode)
001 .Alabama/AL
002 .Alaska/AK
.Arizona/AZ
.Arkansas/AR
.California/CA
.Colorado/CO
.Connecticut/CT
.Delaware/DE
.District of Columbia/DC
.Florida/FL
.Georgia/GA
.Hawaii/HI
.Idaho/ID
.Illinois/IL
.Indiana/IN
.Iowa/IA
.Kansas/KS
.Kentucky/KY
.Louisiana/LA
>Maine/ME
.Maryland/MD
.Massachusetts/MA
.Michigan/MI
.Minnesota/MN
.Mississippi/MS
.Missouri_MO
.Montana/MT
.Nebraska/NE
.Nebraska/NV
.New Hampshire/NH
.New Jersey/NJ
.New Mexico/NM
.New York/NY
.North Carolina/NC
.North Dakota/ND
.Ohio/OH
.Oklahoma/OK
.Oregon/OR
.Pennsylvania/PA
.Rhode Island/RI
.South Carolina/SC
.South Dakota/SD
.Tennessee/TN
.Texas/TX
.Utah/UT
.Vermont/VT
.Virginia/VA
.Washington/WA
.West Virginia/WV
.Wisconsin/WI
.Wyoming/WY
.American Samoa
.Guam
.Commonwealth of the Northern Mariana Islands
.Puerto Rico
.US Virgin Islands
.Albania
.Austria
.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
142 .Northern Ireland (2017 or later)
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
166 .Europe (2017 or later)
167 .Kosovo (2017 or later)
168 .Montenegro
169 .Other Europe, Not Specified
200 .Afghanistan
202 .Bangladesh
203 .Bhutan
205 .Myanmar
206 .Cambodia
207 .China
208 .Cyprus (2016 or earlier)
209 .Hong Kong
210 .India
211 .Indonesia
212 .Iran
213 .Iraq
214. Israel
215. Japan
216. Jordan
217. Korea
218. Kazakhstan
219. Kyrgyzstan (2017 or later)
222. Kuwait
223. Laos
224. Lebanon
226. Malaysia
228. Mongolia (2017 or later)
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
338. St. Kitts-Nevis (2017 or later)
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
POVPIP  Numeric  3
Income-to-poverty ratio recode
bbb  .N/A
000..500  .Below 501 percent
501 .501 percent or more

**POWPUMA Character 5**
Place of work PUMA based on 2010 Census

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00001</td>
<td>Did not work in the United States or in Puerto Rico</td>
</tr>
<tr>
<td>00100</td>
<td>Assigned Place of work PUMA. Use with POWSP.</td>
</tr>
</tbody>
</table>

**POWSP Character 3**
Place of work - State or foreign country recode

<table>
<thead>
<tr>
<th>Code</th>
<th>State/Foreign Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>Alabama/AL</td>
</tr>
<tr>
<td>002</td>
<td>Alaska/AK</td>
</tr>
<tr>
<td>004</td>
<td>Arizona/AZ</td>
</tr>
<tr>
<td>005</td>
<td>Arkansas/AR</td>
</tr>
<tr>
<td>006</td>
<td>California/CA</td>
</tr>
<tr>
<td>008</td>
<td>Colorado/CO</td>
</tr>
<tr>
<td>009</td>
<td>Connecticut/CT</td>
</tr>
<tr>
<td>010</td>
<td>Delaware/DE</td>
</tr>
<tr>
<td>011</td>
<td>District of Columbia/DC</td>
</tr>
<tr>
<td>012</td>
<td>Florida/FL</td>
</tr>
<tr>
<td>013</td>
<td>Georgia/GA</td>
</tr>
<tr>
<td>015</td>
<td>Hawaii/HI</td>
</tr>
<tr>
<td>016</td>
<td>Idaho/ID</td>
</tr>
<tr>
<td>017</td>
<td>Illinois/IL</td>
</tr>
<tr>
<td>018</td>
<td>Indiana/IN</td>
</tr>
<tr>
<td>019</td>
<td>Iowa/IA</td>
</tr>
<tr>
<td>020</td>
<td>Kansas/KS</td>
</tr>
<tr>
<td>021</td>
<td>Kentucky/KY</td>
</tr>
<tr>
<td>022</td>
<td>Louisiana/LA</td>
</tr>
<tr>
<td>023</td>
<td>Maine/ME</td>
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<td>Maryland/MD</td>
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<td>025</td>
<td>Massachusetts/MA</td>
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<td>026</td>
<td>Michigan/MI</td>
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<tr>
<td>027</td>
<td>Minnesota/MN</td>
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<td>028</td>
<td>Mississippi/MS</td>
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<td>029</td>
<td>Missouri/MO</td>
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<tr>
<td>030</td>
<td>Montana/MT</td>
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<tr>
<td>031</td>
<td>Nebraska/NE</td>
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<td>032</td>
<td>Nevada/NV</td>
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<tr>
<td>033</td>
<td>New Hampshire/NH</td>
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<td>034</td>
<td>New Jersey/NJ</td>
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<td>035</td>
<td>New Mexico/NM</td>
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<td>New York/NY</td>
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<td>North Carolina/NC</td>
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<td>038</td>
<td>North Dakota/ND</td>
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<td>039</td>
<td>Ohio/OH</td>
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<tr>
<td>040</td>
<td>Oklahoma/OK</td>
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<tr>
<td>041</td>
<td>Oregon/OR</td>
</tr>
<tr>
<td>042</td>
<td>Pennsylvania/PA</td>
</tr>
<tr>
<td>044</td>
<td>Rhode Island/RI</td>
</tr>
<tr>
<td>045</td>
<td>South Carolina/SC</td>
</tr>
</tbody>
</table>

100
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 Character 1
Private health insurance coverage recode
1 .With private health insurance coverage
2 .Without private health insurance coverage

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

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

RAC1P Character 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 Character 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  Character  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. Chinese; Filipino; Native Hawaiian
073. 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 Character 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 Character 1**
Asian recode (Asian alone or in combination with one or more other races)
0 .No
1 .Yes

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

**RACNH Character 1**
Native Hawaiian recode (Native Hawaiian alone or in combination with one or more other races)
0 .No
1 .Yes
<table>
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<tr>
<th>Field</th>
<th>Description</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>RACNUM</td>
<td>Character 1 Number of major race groups represented</td>
<td>1..6 .Race groups</td>
</tr>
<tr>
<td>RACPI</td>
<td>Character 1 Other Pacific Islander recode (Other Pacific Islander alone or in combination with one or more other races)</td>
<td>0 .No 1 .Yes</td>
</tr>
<tr>
<td>RACSOR</td>
<td>Character 1 Some other race recode (Some other race alone or in combination with one or more other races)</td>
<td>0 .No 1 .Yes</td>
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<tr>
<td>RACWHT</td>
<td>Character 1 White recode (White alone or in combination with one or more other races)</td>
<td>0 .No 1 .Yes</td>
</tr>
<tr>
<td>RC</td>
<td>Character 1 Related child</td>
<td>0 .No (includes GQ) 1 .Yes</td>
</tr>
<tr>
<td>SCIENGP</td>
<td>Character 1 Field of degree science and engineering flag - NSF definition</td>
<td>b .N/A (less than a bachelor's degree) 1 .Yes 2 .No</td>
</tr>
<tr>
<td>SCIENGRLP</td>
<td>Character 1 Field of degree science and engineering related flag - NSF definition</td>
<td>b .N/A (less than a bachelor's degree) 1 .Yes 2 .No</td>
</tr>
<tr>
<td>SFN</td>
<td>Character 1 Subfamily number</td>
<td>b .N/A (GQ/not in a subfamily) 1 .In subfamily 1 2 .In subfamily 2 3 .In subfamily 3 4 .In subfamily 4</td>
</tr>
</tbody>
</table>
SOC Occupation recode based on 2010 SOC codes

bbbbb .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
111021 .MGR-Advertising And Promotions Managers
111020 .MGR-Marketing And Sales Managers
111031 .MGR-Public Relations And Fundraising Managers
111031 .MGR-Administrative Services Managers
111021 .MGR-Computer And Information Systems Managers
111031 .MGR-Financial Managers
111011 .MGR-Compensation And Benefits Managers
111011 .MGR-Human Resources Managers
111031 .MGR-Training And Development Managers
111011 .MGR-Industrial Production Managers
111031 .MGR-Purchasing Managers
111031 .MGR-Transportation, Storage, And Distribution Managers
111031 .MGR-Farmers, Ranchers, And Other Agricultural Managers
111021 .MGR-Construction Managers
111030 .MGR-Education Administrators
111041 .MGR-Architectural And Engineering Managers
111051 .MGR-Food Service Managers
111071 .MGR-Gaming Managers
111081 .MGR-Lodging Managers
111011 .MGR-Medical And Health Services Managers
111011 .MGR-Natural Sciences Managers
111011 .MGR-Property, Real Estate, And Community Association Managers
111011 .MGR-Social And Community Service Managers
111011 .MGR-Emergency Management Directors
1110XX .MGR-Miscellaneous Managers, Including Funeral Service Managers And Postmasters And Mail Superintendents
111011 .BUS-Agents And Business Managers Of Artists, Performers, And Athletes
111021 .BUS-Buyers And Purchasing Agents, Farm Products
111022 .BUS-Wholesale And Retail Buyers, Except Farm Products
111023 .BUS-Purchasing Agents, Except Wholesale, Retail, And Farm Products
111030 .BUS-Claims Adjusters, Appraisers, Examiners, And Investigators
111041 .BUS-Compliance Officers
111051 .BUS-Cost Estimators
111070 .BUS-Human Resources Workers
111081 .BUS-Logisticians
111111 .BUS-Management Analysts
111121 .BUS-Meeting Convention, And Event Planners
111131 .BUS-Fundraisers
111141 .BUS-Compensation, Benefits, And Job Analysis Specialists
111151 .BUS-Training And Development Specialists
111161 .BUS-Market Research Analysts And Marketing Specialists
111199 .BUS-Business Operations Specialists, All Other
111201 .FIN-Accountants And Auditors
111201 .FIN-Appraisers And Assessors Of Real Estate
111201 .FIN-Budget Analysts
111201 .FIN-Credit Analysts
111201 .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

108
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>194021</td>
<td>SCI-Biological Technicians</td>
</tr>
<tr>
<td>194031</td>
<td>SCI-Chemical Technicians</td>
</tr>
<tr>
<td>1940XX</td>
<td>SCI-Geological And Petroleum Technicians, And Nuclear Technicians</td>
</tr>
<tr>
<td>1940YY</td>
<td>SCI-Miscellaneous Life, Physical, And Social Science Technicians</td>
</tr>
<tr>
<td>211010</td>
<td>CMS-Counselors</td>
</tr>
<tr>
<td>211020</td>
<td>CMS-Social Workers</td>
</tr>
<tr>
<td>211092</td>
<td>CMS-Probation Officers And Correctional Treatment Specialists</td>
</tr>
<tr>
<td>211093</td>
<td>CMS-Social And Human Service Assistants</td>
</tr>
<tr>
<td>21109X</td>
<td>CMS-Miscellaneous Community And Social Service Specialists, Including Health Educators And Community Health Workers</td>
</tr>
<tr>
<td>212011</td>
<td>CMS-Clergy</td>
</tr>
<tr>
<td>212021</td>
<td>CMS-Directors, Religious Activities And Education</td>
</tr>
<tr>
<td>212099</td>
<td>CMS-Religious Workers, All Other</td>
</tr>
<tr>
<td>2310XX</td>
<td>LGL-Lawyers, And Judges, Magistrates, And Other Judicial Workers</td>
</tr>
<tr>
<td>231012</td>
<td>LGL-Judicial Law Clerks</td>
</tr>
<tr>
<td>232011</td>
<td>LGL-Paralegals And Legal Assistants</td>
</tr>
<tr>
<td>232090</td>
<td>LGL-Miscellaneous Legal Support Workers</td>
</tr>
<tr>
<td>251000</td>
<td>EDU-Postsecondary Teachers</td>
</tr>
<tr>
<td>252010</td>
<td>EDU-Preschool And Kindergarten Teachers</td>
</tr>
<tr>
<td>252020</td>
<td>EDU-Elementary And Middle School Teachers</td>
</tr>
<tr>
<td>252030</td>
<td>EDU-Secondary School Teachers</td>
</tr>
<tr>
<td>252050</td>
<td>EDU-Special Education Teachers</td>
</tr>
<tr>
<td>253000</td>
<td>EDU-Other Teachers And Instructors</td>
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<tr>
<td>254010</td>
<td>EDU-Archivists, Curators, And Museum Technicians</td>
</tr>
<tr>
<td>254021</td>
<td>EDU-Librarians</td>
</tr>
<tr>
<td>254031</td>
<td>EDU-Library Technicians</td>
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<tr>
<td>259041</td>
<td>EDU-Teacher Assistants</td>
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<tr>
<td>2590XX</td>
<td>EDU-Other Education, Training, And Library Workers</td>
</tr>
<tr>
<td>271010</td>
<td>ENT-Announcers</td>
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<tr>
<td>271020</td>
<td>ENT-Designers</td>
</tr>
<tr>
<td>272010</td>
<td>ENT-Athletes, Coaches, Umpires, And Related Workers</td>
</tr>
<tr>
<td>272020</td>
<td>ENT-Dancers And Choreographers</td>
</tr>
<tr>
<td>272030</td>
<td>ENT-Musicians, Singers, And Related Workers</td>
</tr>
<tr>
<td>272099</td>
<td>ENT-Entertainers And Performers, Sports And Related Workers, All Other</td>
</tr>
<tr>
<td>273010</td>
<td>ENT-News Analysts, Reporters And Correspondents</td>
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<tr>
<td>273031</td>
<td>ENT-Public Relations Specialists</td>
</tr>
<tr>
<td>273041</td>
<td>ENT-Editors</td>
</tr>
<tr>
<td>273042</td>
<td>ENT-Technical Writers</td>
</tr>
<tr>
<td>273043</td>
<td>ENT-Writers And Authors</td>
</tr>
<tr>
<td>273090</td>
<td>ENT-Miscellaneous Media And Communication Workers</td>
</tr>
<tr>
<td>2740XX</td>
<td>ENT-Broadcast And Sound Engineering Technicians And Radio Operators, And Media And Communication Equipment Workers, All Other</td>
</tr>
<tr>
<td>274021</td>
<td>ENT-Photographers</td>
</tr>
<tr>
<td>274030</td>
<td>ENT-Television, Video, And Motion Picture Camera Operators And Editors</td>
</tr>
<tr>
<td>291011</td>
<td>MED-Chiropractors</td>
</tr>
<tr>
<td>291020</td>
<td>MED-Dentists</td>
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</tbody>
</table>
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.HLS-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
SAL-Counter And Rental Clerks
SAL-Parts Salespersons
SAL-Retail Salespersons
SAL-Advertising Sales Agents
SAL-Insurance Sales Agents
SAL-Securities, Commodities, And Financial Services Sales Agents
SAL-Travel Agents
SAL-Sales Representatives, Services, All Other
SAL-Sales Representatives, Wholesale And Manufacturing
SAL-Models, Demonstrators, And Product Promoters
SAL-Real Estate Brokers And Sales Agents
SAL-Sales Engineers
SAL-Telemarketers
SAL-Door-To-Door Sales Workers, News And Street Vendors, And Related Workers
SAL-Sales And Related Workers, All Other
OFF-First-Line Supervisors Of Office And Administrative Support Workers
OFF-Switchboard Operators, Including Answering Service
OFF-Telephone Operators
OFF-Communications Equipment Operators, All Other
OFF-Bill And Account Collectors
OFF-Billing And Posting Clerks
OFF-Bookkeeping, Accounting, And Auditing Clerks
OFF-Gaming Cage Workers
OFF-Payroll And Timekeeping Clerks
OFF-Procurement Clerks
OFF-Tellers
OFF-Financial Clerks, All Other
OFF-Brokerage Clerks
OFF-Court, Municipal, And License Clerks
OFF-Credit Authorizers, Checkers, And Clerks
OFF-Customer Service Representatives
OFF-Eligibility Interviewers, Government Programs
OFF-File Clerks
OFF-Hotel, Motel, And Resort Desk Clerks
OFF-Interviewers, Except Eligibility And Loan
OFF-Library Assistants, Clerical
OFF-Loan Interviewers And Clerks
OFF-New Accounts Clerks
OFF-Correspondence Clerks And Order Clerks
OFF-Human Resources Assistants, Except Payroll And Timekeeping
OFF-Receptionists And Information Clerks
OFF-Reservation And Transportation Ticket Agents And Travel Clerks
OFF-Information And Record Clerks, All Other
OFF-Cargo And Freight Agents
OFF-Couriers And Messengers
OFF-Dispatchers
OFF-Meter Readers, Utilities
OFF-Postal Service Clerks
OFF-Postal Service Mail Carriers
OFF-Postal Service Mail Sorters, Processors, And Processing Machine Operators
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-Roofer s
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
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 Setters, Metal And Plastic
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
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
519011 .PRD-Chemical Processing Machine Setters, Operators, And .Tenders
519022 .PRD-Crushing, Grinding, Polishing, Mixing, And Blending .Workers
519032 .PRD-Cutting Workers
519042 .PRD-Extruding, Forming, Pressing, And Compacting Machine .Setters, Operators, And Tenders
519052 .PRD-Furnace, Kiln, Oven, Drier, And Kettle Operators And .Tenders
519062 .PRD-Inspectors, Testers, Sorters, Samplers, And Weighers
519072 .PRD-Jewelers And Precious Stone And Metal Workers
519082 .PRD-Medical, Dental, And Ophthalmic Laboratory .Technicians
519112 .PRD-Packing And Filling Machine Operators And Tenders
519122 .PRD-Painting Workers
519152 .PRD-Photographic Process Workers And Processing Machine .Operators
519192 .PRD-Adhesive Bonding Machine Operators And Tenders
519193 .PRD-Depositors, Shapers, And Casters, Except Metal And .Plastic
519194 .PRD-Extruding, Forming, Pressing, And Compacting Machine .Setters, Operators, And Tenders
519195 .PRD-Jewelers And Precious Stone And Metal Workers
519196 .PRD-Paper Goods Machine Setters, Operators, And Tenders
519197 .PRD-Depositors, Shapers, And Casters, Except Metal And .Plastic
519198 .PRD-Depositors, Shapers, And Casters, Except Metal And .Plastic
5191XX .PRD-Miscellaneous Production Workers, Including .Semiconductor Processors
531000 .TRN-Supervisors Of Transportation And Material Moving .Workers
532011 .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
533031 .TRN-Depositors, Shapers, And Casters, Except Metal And .Plastic
533041 .TRN-Depositors, Shapers, And Casters, Except Metal And .Plastic
533091 .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
536020 .TRN-Parking Lot Attendants
536031 .TRN-Automotive And Watercraft Service Attendants
536050 .TRN-Transit 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

VPS Character 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
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 Character 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)
PERSON RECORD-ALLOCATION FLAGS

FAGEP  Character  1
Age allocation flag
0 .No
1 .Yes

FANCP  Character  1
Ancestry allocation flag
0 .No
1 .Yes

FCITP  Character  1
Citizenship allocation flag
0 .No
1 .Yes

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

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

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

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

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

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

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

FDPHYP  Character  1
Ambulatory difficulty allocation flag
0 .No
1 .Yes
FDRATP  Character  1
Disability rating percentage allocation flag
  0 .No
  1 .Yes

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

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

FENG Character  1
Ability to speak English allocation flag
  0 .No
  1 .Yes

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

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

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

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

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

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

FHICOVP Character  1
Health insurance coverage recode allocation flag
  0 .No
  1 .Yes
FHINS1P  Character  1
Insurance through a current or former employer or union allocation flag
  0 .No
  1 .Yes

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

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

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

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

FHINS4P  Character  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  Character  1
TRICARE coverage given through the eligibility coverage edit
  b .Does not have TRICARE coverage (HINS5=2)
  0 .No
  1 .Yes

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

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

FHINS7P  Character  1
Indian health service allocation flag
  0 .No
  1 .Yes
**FHISP**  
Character 1  
Detailed Hispanic origin allocation flag  
0 .No  
1 .Yes  

**FINDP**  
Character 1  
Industry allocation flag  
0 .No  
1 .Yes  

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

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

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

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

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

**FLANP**  
Character 1  
Language other than English spoken at home allocation flag  
0 .No  
1 .Yes  

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

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

**FMARHDP**  
Character 1  
Divorced in the past 12 months allocation flag  
0 .No  
1 .Yes
FMARHMP  Character  1  
Married in the past 12 months allocation flag  
 0 .No  
 1 .Yes  

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

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

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

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

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

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

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

FOCCP  Character  1  
Occupation allocation flag  
 0 .No  
 1 .Yes  

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

FPAP  Character  1  
Public assistance income allocation flag  
 0 .No  
 1 .Yes
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<th>Variable</th>
<th>Description</th>
<th>Option 1</th>
<th>Option 2</th>
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<td>FPERNP</td>
<td>Total person's earnings allocation flag</td>
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<tr>
<td>FPINCP</td>
<td>Total person's income (signed) allocation flag</td>
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<td>FPOBP</td>
<td>Place of birth allocation flag</td>
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<tr>
<td>FPOWSP</td>
<td>Place of work state allocation flag</td>
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<tr>
<td>FPRIVCOVP</td>
<td>Private health insurance coverage recode allocation flag</td>
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<td>FPUBCOVP</td>
<td>Public health coverage recode allocation flag</td>
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<td>FRACP</td>
<td>Detailed race allocation flag</td>
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<td>FRELP</td>
<td>Relationship allocation flag</td>
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<td>FRETP</td>
<td>Retirement income allocation flag</td>
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<td>FSCHGP</td>
<td>Grade attending allocation flag</td>
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<td>FSCHLP</td>
<td>Highest education allocation flag</td>
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FSCHP    Character  1
         School enrollment allocation flag
         0 .No
         1 .Yes

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

FSEXPM    Character  1
         Sex allocation flag
         0 .No
         1 .Yes

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

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

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

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

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

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

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

FYOEP    Character  1
         Year of entry allocation flag
         0 .No
         1 .Yes
### PERSON RECORD—REPLICATE WEIGHTS

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<tr>
<th>PWGTP1</th>
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<tbody>
<tr>
<td>Person Weight replicate 1</td>
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<td>-9999..09999 .Integer weight of person</td>
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<td>PWGTP26</td>
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<tr>
<td>PWGTP28</td>
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-9999..09999 .Integer weight of person

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

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

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

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

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

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

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

PWGTP36  Numeric  5
Person Weight replicate 36
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PWGTP37  Numeric  5
Person Weight replicate 37
-9999..09999 .Integer weight of person

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

PWGTP39  Numeric  5
Person Weight replicate 39
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PWGTP40  Numeric  5
Person Weight replicate 40
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PWGTP41  Numeric  5
Person Weight replicate 41
-9999..09999 .Integer weight of person

PWGTP42  Numeric  5
Person Weight replicate 42
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PWGTP71 Numeric 5
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PWGTP72 Numeric 5
Person Weight replicate 72
-9999..09999 .Integer weight of person

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

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

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

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

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

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

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

PWGTP80 Numeric 5
Person Weight replicate 80
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