2014-2018 ACS PUMS DATA DICTIONARY
January 30, 2020

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
2018GQ0000001..2018GQ9999999 .GQ Unique identifier (after 2017)
2018HU00000001..2018HU9999999 .HU Unique identifier (after 2017)

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
11 .District of Columbia/DC
12 .Florida/FL
13 .Georgia/GA
14 .Hawaii/HI
15 .Idaho/ID
16 .Illinois/IL
17 .Indiana/IN
18 .Iowa/IA
19 .Kansas/KS
20 .Kentucky/KY
21 .Louisiana/LA
22 .Maine/ME
23 .Maryland/MD
24 .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
43 .Rhode Island/RI
44 .South Carolina/SC
45 .South Dakota/SD
46 .Tennessee/TN
47 .Texas/TX
49 .Utah/UT
50 .Vermont/VT
51 .Virginia/VA
53 .Washington/WA
54 .West Virginia/WV
55 .Wisconsin/WI
56 .Wyoming/WY
72 .Puerto Rico/PR

ADJHSG Character 7
Adjustment factor for housing dollar amounts (6 implied decimal places)
1061728 .2014 factor
1059903 .2015 factor
1046406 .2016 factor
1024377 .2017 factor
1000000 .2018 factor
ADJINC  Character  7
Adjustment factor for income and earnings dollar amounts (6 implied
decimal places)
1070673 .2014 factor (1.008425 * 1.06172840)
1061242 .2015 factor (1.001264 * 1.05990255)
1054346 .2016 factor (1.007588 * 1.04640634)
1035838 .2017 factor (1.011189 * 1.02437673)
1013097 .2018 factor (1.013097 * 1.00000000)

WGTP  Numeric  5
Housing Unit Weight
0 .Group Quarter placeholder record
1..9999 .Integer weight of housing unit

NP  Numeric  2
Number of persons associated with this housing record
0 .Vacant unit
1 .One person record (one person in household or any person
    .in group quarters)
2..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

HOUSING RECORD—HOUSING UNIT VARIABLES

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
<table>
<thead>
<tr>
<th>Variable</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BATH</td>
<td>Character</td>
<td>Bathtub or shower</td>
</tr>
<tr>
<td>BDSP</td>
<td>Numeric</td>
<td>Number of bedrooms</td>
</tr>
<tr>
<td>BLD</td>
<td>Character</td>
<td>Units in structure</td>
</tr>
<tr>
<td>BUS</td>
<td>Character</td>
<td>Business or medical office on property</td>
</tr>
<tr>
<td>BROADBND</td>
<td>Character</td>
<td>Cellular data plan for a smartphone or other mobile device</td>
</tr>
<tr>
<td>COMPOTHX</td>
<td>Character</td>
<td>Other computer equipment</td>
</tr>
<tr>
<td>CONP</td>
<td>Numeric</td>
<td>Condo fee (monthly amount, use ADJHSG to adjust CONP to constant dollars)</td>
</tr>
<tr>
<td>DIALUP</td>
<td>Character</td>
<td>Dial-up service</td>
</tr>
</tbody>
</table>

### Definitions:
- **BATH**: Character 1
  - Bathtub or shower
    - b: N/A (GQ)
    - 1: Yes
    - 2: No

- **BDSP**: Numeric 2
  - Number of bedrooms
    - bb: N/A (GQ)
    - 0..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)
    - bbbb: N/A (GQ/vacant units/not owned or being bought)
    - 0..9999: $0 - $9999 (Rounded and top-coded)

- **DIALUP**: Character 1
  - Dial-up service
    - b: N/A (GQ/vacant/no paid access to the internet)
    - 1: Yes
ELEFP  Character  1
Electricity cost flag variable
b  .N/A (GQ/vacant)  1 Included in rent or in condo fee
  2 .No charge or electricity not used
  3 .Valid monthly electricity cost in ELEP

ELEP  Numeric  3
Electricity cost (monthly cost, use ADJHSG to adjust ELEP to constant
dollars)
  bbb  .N/A (GQ/vacant/included in rent or in condo fee/no
  .charge or electricity not used)
  3..999  .$3 to $999 (Rounded and top-coded)

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

FULFP  Character  1
Fuel cost flag variable
b  .N/A (GQ/vacant)
  1 .Included in rent or in condo fee
  2 .No charge or fuel other than gas or electricity not used
  3 .Valid annual fuel cost in FULP

FULP  Numeric  4
Fuel cost (yearly cost for fuels other than gas and electricity, use
ADJHSG to adjust FULP to constant dollars)
  bbbbb  .N/A (GQ/vacant/included in rent or in condo fee/no
  .charge or fuel other than gas or electricity not
  .used)
  3..9999  .$3 to $9999 (Rounded and top-coded)

GASFP  Character  1
Gas cost flag variable
b  .N/A (GQ/vacant)
  1 .Included in rent or in condo fee
  2 .Included in electricity payment
  3 .No charge or gas not used
  4 .Valid monthly gas cost in GASP

GASP  Numeric  3
Gas cost (monthly cost, use ADJHSG to adjust GASP to constant dollars)
  bbb  .N/A (GQ/vacant/included in rent or in condo
  .fee/included in electricity payment/no charge or gas
  .not used)
  4..999  .$4 to $999 (Rounded and top-coded)

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

HISPEED Character 1
Broadband (high speed) Internet service such as cable, fiber optic, or DSL service
b. N/A (GQ/vacant/no paid access to the internet)
1. Yes
2. No

HOTWAT Character 1
Water heater (Puerto Rico only)
b. N/A (GQ)
1. Yes
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, use ADJHSG to adjust INSP to constant dollars)
bbbbb. N/A (GQ/vacant/not owned or being bought)
0. None
1.10000. $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)
0. None
1.99999. $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)
1..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)
0..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)
1..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

SMP Numeric 5
Total payment on all second and junior mortgages and home equity loans
(monthly amount, use ADJHSG to adjust SMP to constant dollars)
bbbb
1. N/A (GQ/vacant/not owned or being bought/ no second
or junior mortgages or home equity loans)
2. $1 to $99999 (Rounded and top-coded)

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

TABLET Character 1
Tablet or other portable wireless computer
b. N/A (GQ/vacant)
1. Yes
2. No

TEL Character 1
Telephone service
b. N/A (GQ/vacant)
1. Yes
2. No
8. Suppressed for data years 2015 and 2016 for selected PUMAs

TEN Character 1
Tenure
b. N/A (GQ/vacant)
1. Owned with mortgage or loan (include home equity loans)
2. Owned free and clear
3. Rented
4. Occupied without payment of rent
TOIL  Character  1
Flush toilet
b .N/A (GQ)
1 .Yes
2 .No
9 .Case is from 2016 or later

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

VALP  Numeric  7
Property value
 bbbbbbbb .N/A (GQ/vacant units, except "for-sale-only" and "sold, not occupied"/not owned or being bought)
1..9999999  $1 to $999999 (Rounded and top-coded)

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

WATFP  Character  1
Water cost flag variable
b .N/A (GQ/vacant)
1 .Included in rent or in condo fee
2 .No charge
3 .Valid annual water cost in WATP

WATP  Numeric  4
Water cost (yearly cost, use ADJHSG to adjust WATP to constant dollars)
 bbbbb .N/A (GQ/vacant/included in rent or in condo fee/no charge)
3..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
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)
bbbbbbbb  .N/A (GQ/vacant)
0  .No family income
-59999  .Loss of $59,999 or more
-59998..-1  .Loss of $1 to $59,998
1..99999999  .Total family income in dollars (Components are rounded)

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

GRNTP  Numeric  5
Gross rent (monthly amount, use ADJHSG to adjust GRNTP to constant dollars)
bbbbb .N/A (GQ/vacant/owned or being bought/occupied 
without rent payment)
1..99999 .$1 - $99999 (Components are rounded)

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

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

HHT Character 1
Household/family type
b .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)
bbbbbbbbb .N/A (GQ/vacant)
0 .No household income
-59999 .Loss of $59,999 or more
-59998..-1 .Loss of $1 to $59,998
1..99999999 .Total household income in dollars (Components 
are rounded)

HUGCL Character 1
Household with grandparent living with grandchildren
b .N/A (GQ/vacant)
0 .Household without grandparent living with grandchildren
1 .Household with grandparent living with grandchildren

HUPAC Character 1
HH presence and age of children
b .N/A (GQ/vacant)
1 .With children under 6 years only
2 .With children 6 to 17 years only
3 .With children under 6 years and 6 to 17 years
4 .No children
<table>
<thead>
<tr>
<th>Character</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HUPAOC</strong> Character 1</td>
<td>HH presence and age of own children</td>
</tr>
<tr>
<td>b .N/A (GQ/vacant)</td>
<td>1 .Presence of own children under 6 years only</td>
</tr>
<tr>
<td>2 .Presence of own children 6 to 17 years only</td>
<td></td>
</tr>
<tr>
<td>3 .Presence of own children under 6 years and 6 to 17 years</td>
<td></td>
</tr>
<tr>
<td>4 .No own children present</td>
<td></td>
</tr>
</tbody>
</table>

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

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

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

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

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

| **NOC** Numeric 2 | Number of own children in household (unweighted) |
| bb .N/A (GQ/vacant) | 0 .No own children |
| 1..19 .Number of own children in household |

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

<table>
<thead>
<tr>
<th>Character</th>
<th>NPP</th>
<th>Grandparent headed household with no parent present</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>a</td>
<td>N/A (GQ/vacant)</td>
</tr>
<tr>
<td></td>
<td>b</td>
<td>N/A (GQ/vacant)</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>Not a grandparent headed household with no parent present</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Grandparent headed household with no parent present</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Character</th>
<th>NR</th>
<th>Presence of nonrelative in household</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>a</td>
<td>N/A (GQ/vacant)</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>1 or more nonrelatives</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Numeric</th>
<th>NRC</th>
<th>Number of related children in household (unweighted)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>a</td>
<td>N/A (GQ/vacant)</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>No related children</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>1 or more related children</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Numeric</th>
<th>OCPIP</th>
<th>Selected monthly owner costs as a percentage of household income during the past 12 months</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>a</td>
<td>N/A (GQ/vacant/not owned or being bought/no household income)</td>
</tr>
<tr>
<td></td>
<td>b</td>
<td>N/A (GQ/vacant/not owned or being bought/no household income)</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>No related children</td>
</tr>
<tr>
<td></td>
<td>1..19</td>
<td>Number of related children in household</td>
</tr>
<tr>
<td></td>
<td>1..100</td>
<td>.1% to 100%</td>
</tr>
<tr>
<td></td>
<td>101</td>
<td>.101% or more</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Character</th>
<th>PARTNER</th>
<th>Unmarried partner household</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>a</td>
<td>N/A (GQ/vacant)</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>No unmarried partner in household</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Male householder, male partner</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Male householder, female partner</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Female householder, female partner</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Female householder, male partner</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Character</th>
<th>PLM</th>
<th>Complete plumbing facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>a</td>
<td>N/A (GQ)</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Yes, has hot and cold running water and a bathtub or shower</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>Case is from Puerto Rico, PLM recode not applicable</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Character</th>
<th>PLMPRP</th>
<th>Complete plumbing facilities for Puerto Rico</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>a</td>
<td>N/A (GQ)</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Yes, has running water, and a bathtub or shower</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>Case is from the United States, PLMPRP not applicable</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Character</th>
<th>PSF</th>
<th>Presence of subfamilies in household</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>a</td>
<td>N/A (GQ/vacant)</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>No subfamilies</td>
</tr>
</tbody>
</table>
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

REMODE 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)
bbbbbb .N/A (GQ/vacant/not owned or being bought)
0 .None
1..99999 .$1 - $99999 (Components are rounded)

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

SRNT Character 1
Specified rental unit
b .N/A (GQ/vacant units, except "for rent" and "rented, not .occupied"/owned or being bought)
0 .A single-family home on 10 or more acres
1 .A single-family home on less than 10 acres or any other type .of building, including mobile homes, with no regard to acreage

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

**SVAL**

**Character 1**

Specified owner unit

b. N/A (GQ/vacant units, except "for sale only" and "sold, not occupied"/not owned or being bought)
0. A single family home on 10 or more acres or any other type of building, including mobile homes, with no regard to acreage
1. A single family home on less than 10 acres

**TAXAMT**

**Numeric 5**

Property taxes (yearly real estate taxes, use ADJHSG to adjust TAXAMT to constant dollars)

b. N/A (GQ/vacant/not owned or being bought)
0..22500. $0 to $22500 (rounded and 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
1 .Yes

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

FCOMP  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

FHOTWATP  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
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
b .N/A (GQ)
0 .No
1 .Yes

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
FSMOCP | 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)
0 .No
1 .Yes

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

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

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

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

**HOUSING RECORD-REPLICATE WEIGHTS**

**WGTP1**  **Numeric 5**
Housing Unit Weight replicate 1
-9999..9999 .Integer weight of housing unit

**WGTP2**  **Numeric 5**
Housing Unit Weight replicate 2
-9999..9999 .Integer weight of housing unit

**WGTP3**  **Numeric 5**
Housing Unit Weight replicate 3
-9999..9999 .Integer weight of housing unit

**WGTP4**  **Numeric 5**
Housing Unit Weight replicate 4
-9999..9999 .Integer weight of housing unit
<table>
<thead>
<tr>
<th>Field</th>
<th>Type</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>WGTP5</td>
<td>Numeric 5</td>
<td>Housing Unit Weight replicate 5</td>
<td>-9999..9999 (Integer weight of housing unit)</td>
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<td>Numeric 5</td>
<td>Housing Unit Weight replicate 6</td>
<td>-9999..9999 (Integer weight of housing unit)</td>
</tr>
<tr>
<td>WGTP7</td>
<td>Numeric 5</td>
<td>Housing Unit Weight replicate 7</td>
<td>-9999..9999 (Integer weight of housing unit)</td>
</tr>
<tr>
<td>WGTP8</td>
<td>Numeric 5</td>
<td>Housing Unit Weight replicate 8</td>
<td>-9999..9999 (Integer weight of housing unit)</td>
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<tr>
<td>WGTP9</td>
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<td>Housing Unit Weight replicate 9</td>
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<td>Housing Unit Weight replicate 12</td>
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<tr>
<td>WGTP13</td>
<td>Numeric 5</td>
<td>Housing Unit Weight replicate 13</td>
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<td>Housing Unit Weight replicate 14</td>
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<td>WGTP15</td>
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<td>WGTP16</td>
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<td>Housing Unit Weight replicate 16</td>
<td>-9999..9999 (Integer weight of housing unit)</td>
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<td>WGTP17</td>
<td>Numeric 5</td>
<td>Housing Unit Weight replicate 17</td>
<td>-9999..9999 (Integer weight of housing unit)</td>
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<td>WGTP18</td>
<td>Numeric 5</td>
<td>Housing Unit Weight replicate 18</td>
<td>-9999..9999 (Integer weight of housing unit)</td>
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</table>
WGTP33  Numeric  5  
Housing Unit Weight replicate 33  
-9999..9999  .Integer weight of housing unit

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

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

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

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

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

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

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

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

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

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

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

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

WGTP46  Numeric  5  
Housing Unit Weight replicate 46  
-9999..9999  .Integer weight of housing unit
WGTP47  Numeric  5  Housing Unit Weight replicate 47  
-9999..9999  .Integer weight of housing unit

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

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

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

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

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

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

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

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

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

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

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

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

WGTP60  Numeric  5  Housing Unit Weight replicate 60  
-9999..9999  .Integer weight of housing unit
WGTP61 Numeric  5  
Housing Unit Weight replicate 61  
-9999..9999  .Integer weight of housing unit

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

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

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

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

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

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

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

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

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

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

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

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

WGTP74 Numeric  5  
Housing Unit Weight replicate 74  
-9999..9999  .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
2018GQ0000001..2018GQ9999999 .GQ Unique identifier (after 2017)
2018HU00000001..2018HU9999999 .HU Unique identifier (after 2017)

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
### ADJINC

**Character 7**

Adjustment factor for income and earnings dollar amounts (6 implied decimal places)

<table>
<thead>
<tr>
<th>Year</th>
<th>Factor</th>
<th>Calculation</th>
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<tbody>
<tr>
<td>2014</td>
<td>1.012425 * 1.06172840</td>
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<tr>
<td>2015</td>
<td>1.001264 * 1.05990255</td>
<td></td>
</tr>
<tr>
<td>2016</td>
<td>1.007588 * 1.04640634</td>
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</tr>
<tr>
<td>2017</td>
<td>1.011189 * 1.02437673</td>
<td></td>
</tr>
<tr>
<td>2018</td>
<td>1.013097 * 1.00000000</td>
<td></td>
</tr>
</tbody>
</table>

### PWGTP

**Numeric 5**

Person weight

<table>
<thead>
<tr>
<th>Weight</th>
<th>Description</th>
</tr>
</thead>
</table>
| 1.0000 | .9999 .Integer weight of person

### PERSON RECORD-PERSON VARIABLES

#### AGE

**Numeric 2**

Age

- 0 .Under 1 year
- 1..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

<table>
<thead>
<tr>
<th>Year</th>
<th>Description</th>
</tr>
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</table>
| 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
| 1958 | .1958
2016 .2016
2017 .2017
2018 .2018

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)
- N/A (Less than 17 years old/never served in military)
  - Yes
  - No

**DREM**

**Character 1**
Cognitive difficulty
- N/A (Less than 5 years old)
  - Yes
  - No

**ENG**

**Character 1**
Ability to speak English
- N/A (less than 5 years old/speaks only English)
  - Very well
  - Well
  - Not well
  - Not at all

**FER**

**Character 1**
Gave birth to child within the past 12 months
- N/A (less than 15 years/greater than 50 years/male)
  - Yes
  - No

**GCL**

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

**GCM**

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

**GCR**

**Character 1**
Grandparents responsible for grandchildren
- N/A (less than 30 years/institutional GQ/grandparent not living with grandchild)
  - Yes
  - 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  

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

HINS6  
**Character 1**  
VA (including those who have ever used or enrolled for VA health care)  
1 .Yes  
2 .No  

HINS7  
**Character 1**  
Indian Health Service  
1 .Yes  
2 .No  

INTP  
**Numeric 6**  
Interest, dividends, and net rental income past 12 months (signed, use ADJINC to adjust to constant dollars)  
  bbbbbbb .N/A (less than 15 years old)  
  0 .None  
  -10000..-4 .Loss $4 to $10000 (Rounded and bottom-coded)  
  000001..999999 .$1 to $999999 (Rounded and top-coded)  

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

JWRIP  
**Numeric 2**  
Vehicle occupancy  
  bb .N/A (not a worker or worker whose means of transportation to work was not car, truck, or van)  
  1 .Drove alone  
  2 .In 2-person carpool  
  3 .In 3-person carpool  
  4 .In 4-person carpool  
  5 .In 5-person carpool
6 .In 6-person carpool
7 .In 7-person carpool
8 .In 8-person carpool
9 .In 9-person carpool
10 .In 10-person or more carpool (Top-coded)

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

LANX 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
8 .Suppressed for data year 2018 for select PUMAs

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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2009 .2009
2010 .2010
2011 .2011
2012 .2012
2013 .2013
2014 .2014
2015 .2015
2016 .2016
2017 .2017
2018 .2018

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

MLPFG 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))
  b .N/A (less than 16 years old/at work/temporarily absent/informed of recall)
   1 .Yes
   2 .No
   3 .Did not report

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

OIP   Numeric  6
All other income past 12 months (use ADJINC to adjust to constant dollars)
  bbbbbbb .N/A (less than 15 years old)
  0 .None
  4..999999 .$4 to $999999 (Rounded and top-coded)

PAP   Numeric  5
Public assistance income past 12 months (use ADJINC to adjust to constant dollars)
  bbbbb .N/A (less than 15 years old)
  0 .None
  4..30000 .$4 to $30000 (Rounded)

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

RETP Numeric 6
Retirement income past 12 months (use ADJINC to adjust to constant dollars)

\[ bbbbb \quad .N/A \text{ (less than 15 years old)} \\
0 \quad .None \\
4..999999 \quad .$4 to $999999 (Rounded and top-coded) \\

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
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<td>Grade 11</td>
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<td>12th grade - no diploma</td>
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<td>Regular high school diploma</td>
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<td>.GED or alternative credential</td>
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<td>15</td>
<td>Some college, but less than 1 year</td>
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<td>16</td>
<td>1 or more years of college credit, no degree</td>
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<td>Self-employment income past 12 months (signed, use ADJINC to adjust SEMP to</td>
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<td>Loss $4 to $10000 (Rounded and bottom-coded)</td>
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<td>Numeric</td>
<td>Supplementary Security Income past 12 months (use ADJINC to adjust SSIP to</td>
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<td>constant dollars)</td>
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<td>$4 to $30000 (Rounded)</td>
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<td>Social Security income past 12 months (use ADJINC to adjust SSP to constant</td>
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<td>dollars)</td>
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<td>$4 to $50000 (Rounded)</td>
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<td>Wages or salary income past 12 months (use ADJINC to adjust WAGP to constant</td>
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<td>dollars)</td>
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<td>$4 to 9999999 (Rounded and top-coded)</td>
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<td>WKHP</td>
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<td>Usual hours worked per week past 12 months</td>
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<td>.1 to 98 usual hours</td>
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<td>.99 or more usual hours</td>
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41
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 months
5 .14 to 26 weeks worked during past 12 months
6 .14 weeks or less worked during past 12 months

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

YOEP  Numeric 4
Year of entry
bbbbb .Not eligible - Born in the US
1929 .1929 or earlier (Bottom-coded)
1930 .1930 - 1934
1935 .1935 - 1938
1939 .1939 - 1940
1941 .1941 - 1942
1943 .1943 - 1944
1945 .1945
1946 .1946
1947 .1947
1948 .1948
1949 .1949
1950 .1950
1951 .1951
1952 .1952
1953 .1953
1954 .1954
1955 .1955
1956 .1956
1957 .1957
1958 .1958
1959 .1959
1960 .1960
1961 .1961
1962 .1962
1963 .1963
1964 .1964
1965 .1965
1966 .1966
1967 .1967
1968 .1968
PERSON RECORD-RECODED PERSON VARIABLES

ANC
Character  1
Ancestry recode
1 .Single
2 .Multiple
### ANC1P  Character  3

Ancestry recode - first entry

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171. Ukrainian
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179. Slavonian
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183. Northern European
185. Southern European
187. Western European
190. Eastern European
194. Germanic
195. European
200. Spaniard
210. Mexican
211. Mexican American
212. Mexicano
213. Chicano
215. Mexican American Indian
218. Mexican State
219. Mexican Indian
221. Costa Rican
222. Guatemalan
223. Honduran
224. Nicaraguan
225. Panamanian
226. Salvadoran
227. Central American
231. Argentinean
232. Bolivian
233. Chilean
234. Colombian
235. Ecuadorian
236. Paraguayan
237. Peruvian
238. Uruguayan
239. Venezuelan
249. South American
250. Latin American
251. Latin
252. Latino
261. Puerto Rican
271. Cuban
275. Dominican
290. Hispanic
291. Spanish
295. Spanish American
300. Bahamian
301. Barbadian
302. Belizean
308. Jamaican
310. Dutch West Indian
314  .Trinidadian Tobagonian  
322  .British West Indian  
325  .Antigua and Barbuda  
329  .Grenadian  
330  .Vincent-Grenadine Islander  
331  .St Lucia Islander  
335  .West Indian  
336  .Haitian  
359  .Other West Indian  
360  .Brazilian  
370  .Guyanese  
400  .Algerian  
402  .Egyptian  
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  .Togolese (2017 or later)  
587  .Other Subsaharan African  
588  .Ugandan  
593  .Zimbabwean (2017 or later)  
598  .Western African  
599  .African
600 .Afghan
603 .Bangladeshi
607 .Bhutanese
609 .Nepali
615 .Asian Indian
618 .Bengali
620 .East Indian
650 .Punjabi
680 .Pakistani
690 .Sri Lankan
700 .Burmese
703 .Cambodian
706 .Chinese
707 .Cantonese
712 .Mongolian
714 .Tibetan
716 .Hong Kong (2017 or later)
720 .Filipino
730 .Indonesian
740 .Japanese
748 .Okinawan
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 .Marshallese
841 .Fijian
850 .Pacific Islander
899 .Other Pacific
900 .Afro American
901 .Afro
902 .African American
903 .Black
904 .Negro
907 .Creole
913 .Central American Indian
914 .South American Indian
917 .Native American
918 .Indian
919 .Cherokee
920 .American Indian
921. Aleut (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)
983. Texas
994. North American
995. Mixture
996. Uncodable entries
997. Other groups
998. Other responses
999. Not reported

**ANC2P Character 3**

Ancestry recode - second entry
000. Suppressed for data year 2018 for select PUMAs
001. Alsatian
003. Austrian
005. Basque
008. Belgian
009. Flemish
011. British
012. British Isles
020. Danish
021. Dutch
022. English
024. Finnish
026. French
032. German
040. Prussian
046. Greek
049. Icelander
050. Irish
051. Italian
068. Sicilian
077. Luxembourger
078. Maltese
082. Norwegian
084. Portuguese
087. Scotch Irish
088. Scottish
089. Swedish
091. Swiss
094. Irish Scotch
097. Welsh
098. Scandinavian
099. Celtic
100. Albanian
102. Belorussian
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
493. Assyrian
494. Chaldean
490. Mideast
495. Arab
496. Arabic
499. Other Arab
508. Cameroononian
510. Cape Verdean
515. Congolese
522. Ethiopian
523. Eritrean
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**DIS**

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**DRIVESP**

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52
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
bbbb .N/A (less than bachelor's degree)
1100 .General Agriculture
1101 .Agriculture Production And Management
1102 .Agricultural Economics
1103 .Animal Sciences
1104 .Food Science
1105 .Plant Science And Agronomy
1106 .Soil Science
1199 .Miscellaneous Agriculture
1301 .Environmental Science
1302 .Forestry
1303 .Natural Resources Management
1401 .Architecture
1501 .Area Ethnic And Civilization Studies
1901 .Communications
1902 .Journalism
1903 .Mass Media
1904 .Advertising And Public Relations
2001 .Communication Technologies
2100 .Computer And Information Systems
2101 .Computer Programming And Data Processing
2102 .Computer Science
2105 .Information Sciences
2106 .Computer Administration Management And Security
2107 .Computer Networking And Telecommunications
2201 . Cosmetology Services And Culinary Arts
2300 . General Education
2301 . Educational Administration And Supervision
2303 . School Student Counseling
2304 . Elementary Education
2305 . Mathematics Teacher Education
2306 . Physical And Health Education Teaching
2307 . Early Childhood Education
2308 . Science And Computer Teacher Education
2309 . Secondary Teacher Education
2310 . Special Needs Education
2311 . Social Science Or History Teacher Education
2312 . Teacher Education: Multiple Levels
2313 . Language And Drama Education
2314 . Art And Music Education
2399 . Miscellaneous Education
2400 . General Engineering
2401 . Aerospace Engineering
2402 . Biological Engineering
2403 . Architectural Engineering
2404 . Biomedical Engineering
2405 . Chemical Engineering
2406 . Civil Engineering
2407 . Computer Engineering
2408 . Electrical Engineering
2409 . Engineering Mechanics Physics And Science
2410 . Environmental Engineering
2411 . Geological And Geophysical Engineering
2412 . Industrial And Manufacturing Engineering
2413 . Materials Engineering And Materials Science
2414 . Mechanical Engineering
2415 . Metallurgical Engineering
2416 . Mining And Mineral Engineering
2417 . Naval Architecture And Marine Engineering
2418 . Nuclear Engineering
2419 . Petroleum Engineering
2499 . Miscellaneous Engineering
2500 . Engineering Technologies
2501 . Engineering And Industrial Management
2502 . Electrical Engineering Technology
2503 . Industrial Production Technologies
2504 . Mechanical Engineering Related Technologies
2599 . Miscellaneous Engineering Technologies
2601 . Linguistics And Comparative Language And Literature
2602 . French German Latin And Other Common Foreign Language Studies
2603 . Other Foreign Languages
2901 . Family And Consumer Sciences
3201 . Court Reporting
3202 . Pre-Law And Legal Studies
3301 . English Language And Literature
3302 . Composition And Rhetoric
3401 . Liberal Arts
3402 . Humanities
3501 . Library Science
3600 . Biology
3601 . Biochemical Sciences
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 and 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
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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
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**HICOV**  
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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. Ecuadorian
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 for 2018 and later based on 2017 IND codes

bbbbb. N/A (less than 16 years old/NILF who last worked more than .5 years ago or never worked)
0170. AGR-Crop Production
0180. AGR-Animal Production And Aquaculture
0190. AGR-Forestry Except Logging
0270. AGR-Logging
0280. AGR-Fishing, Hunting And Trapping
0290. AGR-Support Activities For Agriculture And Forestry
0370. EXT-Oil And Gas Extraction
0380. EXT-Coal Mining
0390. EXT-Metal Ore Mining
0470. EXT-Nonmetallic Mineral Mining And Quarrying
0490. EXT-Support Activities For Mining
0570. UTL-Electric Power Generation, Transmission And Distribution
0580. UTL-Natural Gas Distribution
0590. UTL-Electric And Gas, And Other Combinations
0670. UTL-Water, Steam, Air Conditioning, And Irrigation Systems
0680. UTL-Sewage Treatment Facilities
0690. UTL-Not Specified Utilities
0770. CON-Construction (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
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1470</td>
<td>MFG-Fiber, Yarn, And Thread Mills</td>
</tr>
<tr>
<td>1480</td>
<td>MFG-Fabric Mills, Except Knitting Mills</td>
</tr>
<tr>
<td>1490</td>
<td>MFG-Textile And Fabric Finishing And Fabric Coating Mills</td>
</tr>
<tr>
<td>1570</td>
<td>MFG-Carpet And Rug Mills</td>
</tr>
<tr>
<td>1590</td>
<td>MFG-Textile Product Mills, Except Carpet And Rug</td>
</tr>
<tr>
<td>1670</td>
<td>MFG-Knitting Fabric Mills, And Apparel Knitting Mills</td>
</tr>
<tr>
<td>1691</td>
<td>MFG-Cut And Sew, And Apparel Accessories And Other Apparel</td>
</tr>
<tr>
<td>1770</td>
<td>MFG-Footwear</td>
</tr>
<tr>
<td>1870</td>
<td>MFG-Leather And Hide Tanning And Finishing, And Other Leather And Allied Products</td>
</tr>
<tr>
<td>1880</td>
<td>MFG-Pulp, Paper, And Paperboard Mills</td>
</tr>
<tr>
<td>1890</td>
<td>MFG-Paperboard Container</td>
</tr>
<tr>
<td>1900</td>
<td>MFG-Miscellaneous Paper And Pulp Products</td>
</tr>
<tr>
<td>2070</td>
<td>MFG-Printing And Related Support Activities</td>
</tr>
<tr>
<td>2090</td>
<td>MFG-Petroleum Refining</td>
</tr>
<tr>
<td>2170</td>
<td>MFG-Resin, Synthetic Rubber, And Fibers And Filaments</td>
</tr>
<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>
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<tr>
<td>2980</td>
<td>MFG-Miscellaneous Fabricated Metal Products</td>
</tr>
<tr>
<td>2990</td>
<td>MFG-Not Specified Metal Industries</td>
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<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>3291</td>
<td>MFG-Machinery N.E.C. Or Not Specified</td>
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<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>
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<td>Code</td>
<td>Description</td>
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<td>------</td>
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<tr>
<td>3470</td>
<td>.MFG-Household Appliances</td>
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<tr>
<td>3490</td>
<td>.MFG-Electric Lighting And Electrical Equipment</td>
</tr>
<tr>
<td></td>
<td>.Manufacturing, And Other Electrical Component</td>
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<td>.Manufacturing, N.E.C.</td>
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<tr>
<td>3570</td>
<td>.MFG-Motor Vehicles And Motor Vehicle Equipment</td>
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<tr>
<td>3580</td>
<td>.MFG-Aircraft And Parts</td>
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<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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<tr>
<td>3680</td>
<td>.MFG-Ship And Boat Building</td>
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<tr>
<td>3690</td>
<td>.MFG-Other Transportation Equipment</td>
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<tr>
<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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<tr>
<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>
</tr>
<tr>
<td>3895</td>
<td>.MFG-Furniture And Related Products</td>
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<tr>
<td>3960</td>
<td>.MFG-Medical Equipment And Supplies</td>
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<tr>
<td>3970</td>
<td>.MFG-Sporting And Athletic Goods, And Doll, Toy, And Game</td>
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<tr>
<td></td>
<td>.Manufacturing</td>
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<tr>
<td>3980</td>
<td>.MFG-Miscellaneous Manufacturing, N.E.C.</td>
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<tr>
<td>3990</td>
<td>.MFG-Not Specified Manufacturing Industries</td>
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<tr>
<td>4070</td>
<td>.WHL-Motor Vehicle And Motor Vehicle Parts And Supplies</td>
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<tr>
<td></td>
<td>.Merchant Wholesalers</td>
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<tr>
<td>4080</td>
<td>.WHL-Furniture And Home Furnishing Merchant Wholesalers</td>
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<tr>
<td>4090</td>
<td>.WHL-Lumber And Other Construction Materials Merchant</td>
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<td>.Wholesalers</td>
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<td>4170</td>
<td>.WHL-Professional And Commercial Equipment And Supplies</td>
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<td>.Merchant Wholesalers</td>
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<tr>
<td>4180</td>
<td>.WHL-Metals And Minerals, Except Petroleum, Merchant</td>
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<td>.Wholesalers</td>
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<tr>
<td>4195</td>
<td>.WHL-Household Appliances And Electrical And Electronic</td>
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<td>.Goods Merchant Wholesalers</td>
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<tr>
<td>4265</td>
<td>.WHL-Hardware, And Plumbing And Heating Equipment, And</td>
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<td>.Supplies Merchant Wholesalers</td>
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<tr>
<td>4270</td>
<td>.WHL-Machinery, Equipment, And Supplies Merchant Wholesalers</td>
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<tr>
<td>4280</td>
<td>.WHL-Recyclable Material Merchant Wholesalers</td>
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<tr>
<td>4290</td>
<td>.WHL-Miscellaneous Durable Goods Merchant Wholesalers</td>
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<tr>
<td>4370</td>
<td>.WHL-Paper And Paper Products Merchant Wholesalers</td>
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<tr>
<td>4380</td>
<td>.WHL-Drugs, Sundries, And Chemical And Allied Products</td>
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<td></td>
<td>.Merchant Wholesalers</td>
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<tr>
<td>4390</td>
<td>.WHL-Apparel, Piece Goods, And Notions Merchant Wholesalers</td>
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<tr>
<td>4470</td>
<td>.WHL-Grocery And Related Product Merchant Wholesalers</td>
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<tr>
<td>4480</td>
<td>.WHL-Farm Product Raw Material Merchant Wholesalers</td>
</tr>
<tr>
<td>4490</td>
<td>.WHL-Petroleum And Petroleum Products Merchant Wholesalers</td>
</tr>
<tr>
<td>4560</td>
<td>.WHL-Alcoholic Beverages Merchant Wholesalers</td>
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<tr>
<td>4570</td>
<td>.WHL-Farm Supplies Merchant Wholesalers</td>
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<tr>
<td>4580</td>
<td>.WHL-Miscellaneous Nondurable Goods Merchant Wholesalers</td>
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<tr>
<td>4585</td>
<td>.WHL-Wholesale Electronic Markets And Agents And Brokers</td>
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<tr>
<td>4590</td>
<td>.WHL-Not Specified Wholesale Trade</td>
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<tr>
<td>4670</td>
<td>.RET-Automobile Dealers</td>
</tr>
<tr>
<td>4680</td>
<td>.RET-Other Motor Vehicle Dealers</td>
</tr>
<tr>
<td>4690</td>
<td>.RET-Automotive Parts, Accessories, And Tire Stores</td>
</tr>
<tr>
<td>4770</td>
<td>.RET-Furniture And Home Furnishings Stores</td>
</tr>
<tr>
<td>4780</td>
<td>.RET-Household Appliance Stores</td>
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<tr>
<td>4795</td>
<td>.RET-Electronics Stores</td>
</tr>
<tr>
<td>4870</td>
<td>.RET-Building Material And Supplies Dealers</td>
</tr>
<tr>
<td>4880</td>
<td>.RET-Hardware Stores</td>
</tr>
<tr>
<td>4890</td>
<td>.RET-Lawn And Garden Equipment And Supplies Stores</td>
</tr>
</tbody>
</table>
4971 .RET-Supermarkets and Other Grocery (Except Convenience) Stores
4972 .RET-Convenience Stores
4980 .RET-Specialty Food Stores
4990 .RET-Beer, Wine, And Liquor Stores
5070 .RET-Pharmacies And Drug Stores
5080 .RET-Health And Personal Care, Except Drug, Stores
5090 .RET-Gasoline Stations
5170 .RET-Clothing Stores
5180 .RET-Shoe Stores
5190 .RET-Jewelry, Luggage, And Leather Goods Stores
5275 .RET-Sporting Goods, And Hobby And Toy Stores
5280 .RET-Sewing, Needlework, And Piece Goods Stores
5295 .RET-Musical Instrument And Supplies Stores
5370 .RET-Book Stores And News Dealers
5381 .RET-Department Stores
5391 .RET-General Merchandise Stores, Including Warehouse Clubs and Supercenters
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
5593 .RET-Electronic Shopping And Mail-Order Houses
5670 .RET-Vending Machine Operators
5680 .RET-Fuel Dealers
5690 .RET-Other Direct Selling Establishments
5790 .RET-Not Specified Retail Trade
6070 .TRN-Air Transportation
6080 .TRN-Rail Transportation
6090 .TRN-Water Transportation
6170 .TRN-Truck Transportation
6180 .TRN-Bus Service And Urban Transit
6190 .TRN-Taxi And Limousine Service
6270 .TRN-Pipeline Transportation
6280 .TRN-Scenic And Sightseeing Transportation
6290 .TRN-Services Incidental To Transportation
6370 .TRN-Postal Service
6380 .TRN-Couriers And Messengers
6390 .TRN-Warehousing And Storage
6470 .INF-Newspaper Publishers
6480 .INF-Periodical, Book, And Directory Publishers
6490 .INF-Software Publishers
6570 .INF-Motion Picture And Video Industries
6590 .INF-Sound Recording Industries
6670 .INF-Broadcasting, Except Internet
6672 .INF-Internet Publishing And Broadcasting And Web Search Portals
6680 .INF-Wired Telecommunications Carriers
6690 .INF-Telecommunications, Except Wired Telecommunications Carriers
6695 .INF-Data Processing, Hosting, And Related Services
6770 .INF-Libraries And Archives
6780 .INF-Other Information Services, Except Libraries And Archives, And Internet Publishing And Broadcasting And Web Search Portals
6870 .FIN-Banking And Related Activities
<table>
<thead>
<tr>
<th>Code</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>6880</td>
<td>FIN-Savings Institutions, Including Credit Unions</td>
</tr>
<tr>
<td>6890</td>
<td>FIN-Nondepository Credit And Related Activities</td>
</tr>
<tr>
<td>6970</td>
<td>FIN-Securities, Commodities, Funds, Trusts, And Other Financial Investments</td>
</tr>
<tr>
<td>6991</td>
<td>FIN-Insurance Carriers</td>
</tr>
<tr>
<td>6992</td>
<td>FIN-Agencies, Brokerage, And Other Insurance Related Activates</td>
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<tr>
<td>7071</td>
<td>FIN-Lessors Of Real Estate, And Offices Of Real Estate Agents And Brokers</td>
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<tr>
<td>7072</td>
<td>FIN-Real Estate Property Managers, Offices Of Real Estates Appraisers, And Other Activities Related To Real Estates</td>
</tr>
<tr>
<td>7080</td>
<td>FIN-Automotive Equipment Rental And Leasing</td>
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<tr>
<td>7181</td>
<td>FIN-Other Consumer Goods Rental</td>
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<tr>
<td>7190</td>
<td>FIN-Commercial, Industrial, And Other Intangible Assets Rental And Leasing</td>
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<tr>
<td>7270</td>
<td>PRF-Legal Services</td>
</tr>
<tr>
<td>7280</td>
<td>PRF-Accounting, Tax Preparation, Bookkeeping, And Payroll Services</td>
</tr>
<tr>
<td>7290</td>
<td>PRF-Architectural, Engineering, And Related Services</td>
</tr>
<tr>
<td>7370</td>
<td>PRF-Specialized Design Services</td>
</tr>
<tr>
<td>7380</td>
<td>PRF-Computer Systems Design And Related Services</td>
</tr>
<tr>
<td>7390</td>
<td>PRF-Management, Scientific, And Technical Consulting Services</td>
</tr>
<tr>
<td>7460</td>
<td>PRF-Scientific Research And Development Services</td>
</tr>
<tr>
<td>7470</td>
<td>PRF-Advertising, Public Relations, And Related Services</td>
</tr>
<tr>
<td>7480</td>
<td>PRF-Veterinary Services</td>
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<tr>
<td>7490</td>
<td>PRF-Other Professional, Scientific, And Technical Services</td>
</tr>
<tr>
<td>7570</td>
<td>PRF-Management Of Companies And Enterprises</td>
</tr>
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<td>7580</td>
<td>PRF-Employment Services</td>
</tr>
<tr>
<td>7590</td>
<td>PRF-Business Support Services</td>
</tr>
<tr>
<td>7670</td>
<td>PRF-Travel Arrangements And Reservation Services</td>
</tr>
<tr>
<td>7680</td>
<td>PRF-Investigation And Security Services</td>
</tr>
<tr>
<td>7690</td>
<td>PRF-Services To Buildings And Dwellings (Except Cleaning During Construction And Immediately After Construction)</td>
</tr>
<tr>
<td>7770</td>
<td>PRF-Landscaping Services</td>
</tr>
<tr>
<td>7780</td>
<td>PRF-Other Administrative And Other Support Services</td>
</tr>
<tr>
<td>7790</td>
<td>PRF-Waste Management And Remediation Services</td>
</tr>
<tr>
<td>7860</td>
<td>EDU-Elementary And Secondary Schools</td>
</tr>
<tr>
<td>7870</td>
<td>EDU-Colleges, Universities, And Professional Schools, Including Junior Colleges</td>
</tr>
<tr>
<td>7880</td>
<td>EDU-Business, Technical, And Trade Schools And Training</td>
</tr>
<tr>
<td>7890</td>
<td>EDU-Other Schools And Instruction, And Educational Support Services</td>
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<tr>
<td>7970</td>
<td>MED-Offices Of Physicians</td>
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<td>7980</td>
<td>MED-Offices Of Dentists</td>
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<td>7990</td>
<td>MED-Offices Of Chiropractors</td>
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<tr>
<td>8070</td>
<td>MED-Offices Of Optometrists</td>
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<tr>
<td>8080</td>
<td>MED-Offices Of Other Health Practitioners</td>
</tr>
<tr>
<td>8090</td>
<td>MED-Outpatient Care Centers</td>
</tr>
<tr>
<td>8170</td>
<td>MED-Home Health Care Services</td>
</tr>
<tr>
<td>8180</td>
<td>MED-Other Health Care Services</td>
</tr>
<tr>
<td>8191</td>
<td>MED-General Medical And Surgical Hospitals, And Specialty (Except Psychiatric And Substance Abuse) Hospitals</td>
</tr>
<tr>
<td>8192</td>
<td>MED-Psychiatric And Substance Abuse Hospitals</td>
</tr>
<tr>
<td>8270</td>
<td>MED-Nursing Care Facilities (Skilled Nursing Facilities)</td>
</tr>
<tr>
<td>8290</td>
<td>MED-Residential Care Facilities, Except Skilled Nursing Facilities</td>
</tr>
</tbody>
</table>
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
8561 .ENT-Performing Arts Companies
8562 .ENT-Spectator Sports
8563 .ENT-Promoters Of Performing Arts, Sports, And Similar .Events, Agents And Managers For Artists, Athletes, .Entertainers, And Other Public Figures
8564 .ENT-Independent Artists, Writers, And Performers
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, Dormitories, And Workers' Camps
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
8891 .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 12:39 a.m.
008 .12:40 a.m. to 12:44 a.m.
009 .12:45 a.m. to 12:49 a.m.
010 .12:50 a.m. to 12:59 a.m.
011 .1:00 a.m. to 1:04 a.m.
012 .1:05 a.m. to 1:09 a.m.
013 .1:10 a.m. to 1:14 a.m.
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.
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018 .1:35 a.m. to 1:39 a.m.
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021 .1:50 a.m. to 1:59 a.m.
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023 .2:05 a.m. to 2:09 a.m.
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029 .2:35 a.m. to 2:39 a.m.
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032 .2:50 a.m. to 2:54 a.m.
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050 .4:20 a.m. to 4:24 a.m.
051 .4:25 a.m. to 4:29 a.m.
052 .4:30 a.m. to 4:34 a.m.
053 .4:35 a.m. to 4:39 a.m.
054 .4:40 a.m. to 4:44 a.m.
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<td>04:50 a.m. to 04:54 a.m.</td>
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112 .9:30 a.m. to 9:34 a.m.
113 .9:35 a.m. to 9:39 a.m.
114 .9:40 a.m. to 9:44 a.m.
115 .9:45 a.m. to 9:49 a.m.
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160 .1:30 p.m. to 1:34 p.m.
161 .1:35 p.m. to 1:39 p.m.
162 .1:40 p.m. to 1:44 p.m.
163 .1:45 p.m. to 1:49 p.m.
164 .1:50 p.m. to 1:54 p.m.
165 .1:55 p.m. to 1:59 p.m.
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283. 11:45 p.m. to 11:49 p.m.
284. 11:50 p.m. to 11:54 p.m.
285. 11:55 p.m. to 11:59 p.m.

JWDP  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.
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013. 4:00 a.m. to 4:09 a.m.
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085 .11:00 a.m. to 11:09 a.m.
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107 .2:40 p.m. to 2:49 p.m.
<table>
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**LANP Character 4**

Language other than English spoken at home

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6800 .Aleut languages
6839 .Ojibwa
6930 .Apache languages
6933 .Navajo
6936 .Kiowa-Tanoan languages (2016 or earlier)
7019 .Dakota languages
7032 .Muskogean languages
7039 .Keres
7050 .Cherokee
7059 .Zuni (2016 or earlier)
7060 .Uto-Aztecan languages
7124 .Other Native North American languages
7300 .Other Central and South American languages
9999 .Other and unspecified languages

MIGPUMA  Character  5
Migration PUMA based on 2010 Census definition
bbbbb .N/A (person less than 1 year old/lived in same house 1 year ago)
00001 .Did not live in the United States or in Puerto Rico one year ago
00002 .Lived in Puerto Rico one year ago and current residence is in the U.S.
00100 .70100 .Assigned Migration PUMA. Use with MIGSP.

MIGSP  Character  3
Migration recode - State or foreign country code
bbb .N/A (person less than 1 year old/lived in same house 1 year ago)
001 .Alabama/AL
002 .Alaska/AK
004 .Arizona/AZ
005 .Arkansas/AR
006 .California/CA
008 .Colorado/CO
009 .Connecticut/CT
010 .Delaware/DE
011 .District of Columbia/DC
012 .Florida/FL
013 .Georgia/GA
015 .Hawaii/HI
016 .Idaho/ID
017 .Illinois/IL
018 .Indiana/IN
019 .Iowa/IA
020 .Kansas/KS
021 .Kentucky/KY
022 .Louisiana/LA
023 .Maine/ME
024 .Maryland/MD
025 .Massachusetts/MA
026 .Michigan/MI
027 .Minnesota/MN
028 .Mississippi/MS
029 .Missouri/MO
030 .Montana/MT
031 .Nebraska/NE
032 .Nevada/NV
033 .New Hampshire/NH
034 .New Jersey/NJ
035 .New Mexico/NM
036 .New York/NY
037 .North Carolina/NC
038 .North Dakota/ND
039 .Ohio/OH
040 .Oklahoma/OK
041 .Oregon/OR
042 .Pennsylvania/PA
043 .Rhode Island/RI
044 .South Carolina/SC
045 .South Dakota/SD
046 .Tennessee/TN
047 .Texas/TX
048 .Utah/UT
049 .Vermont/VT
050 .Virginia/VA
051 .Washington/WA
052 .West Virginia/WV
053 .Wisconsin/WI
054 .Wyoming/WY
055 .Puerto Rico
056 .France
057 .Germany
058 .Northern Europe, Not Specified
059 .Eastern Europe, Not Specified
060 .Western Europe or Other Europe, Not Specified
061 .Italy
062 .Spain
063 .United Kingdom, Excluding England
064 .England
065 .Russia
066 .Ukraine (2017 or later)
067 .Afghanistan
068 .China, Hong Kong, Macau and Paracel Islands
069 .India
070 .Iraq (2016 or earlier)
071 .Israel (2017 or later)
072 .Japan
073 .Korea
074 .Nepal
075 .Pakistan
076 .Philippines
077 .Saudi Arabia
078 .Taiwan
079 .Thailand
080 .Turkey
081 .United Arab Emirates (2017 or later)
082 .Vietnam
083 .Eastern Asia, Not Specified
084 .Western Asia, Not Specified
085 .South Central Asia or Asia, Not Specified
086 .Canada
087 .Mexico
088 .El Salvador
313 .Guatemala
314 .Honduras
317 .Central America, Not Specified
327 .Cuba
329 .Dominican Republic
332 .Haiti
333 .Jamaica
344 .Caribbean and North America, Not Specified
362 .Brazil
364 .Colombia
365 .Ecuador (2017 or later)
370 .Peru (2017 or later)
373 .Venezuela (2017 or later)
374 .South America, Not Specified
414 .Egypt
416 .Ethiopia (2017 or later)
427 .Kenya (2017 or later)
440 .Nigeria
467 .Western Africa, Not Specified
468 .Northern Africa or Other Africa, Not Specified
469 .Eastern Africa, Not Specified
501 .Australia
555 .Other US Island Areas, Oceania, Not Specified, or At Sea

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

NAICS  Character 8
North American Industry Classification System (NAICS) recode for 2018
and later based on 2017 NAICS codes
  bbbbbbbb .N/A (less than 16 years old/NILF who last worked more
  .than 5 years ago or never worked)
  111 .AGR-Crop Production
  112 .AGR-Animal Production And Aquaculture
  1133 .AGR-Logging
  113M .AGR-Forestry Except Logging
  114 .AGR-Fishing, Hunting, And Trapping
  115 .AGR-Support Activities For Agriculture And Forestry
  211 .EXT-Oil And Gas Extraction
  2121 .EXT-Coal Mining
  2122 .EXT-Metal Ore Mining
  2123 .EXT-Nonmetallic Mineral Mining And Quarrying
  213 .EXT-Support Activities For Mining
  2211P .UTL-Electric Power Generation, Transmission And
  .Distribution
  2212P .UTL-Natural Gas Distribution
  22132 .UTL-Sewage Treatment Facilities
  2213M .UTL-Water, Steam, Air Conditioning, And Irrigation
  .Systems
  221MP .UTL-Electric And Gas, And Other Combinations
22S  .UTL-Not Specified Utilities
23  .CON-Construction, (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
314Z  .MFG-Textile Product Mills, Except Carpet And Rug
315M  .MFG-Cut And Sew, And Apparel Accessories And Other Apparel
3162  .MFG-Footwear
316M  .MFG-Leather Tanning And Finishing And Other Allied Products Manufacturing
31M  .MFG-Knitting Fabric Mills, And Apparel Knitting Mills
3211  .MFG-Sawmills And Wood Preservation
3212  .MFG-Veneer, Plywood, And Engineered Wood Products
32199M  .MFG-Prefabricated Wood Buildings And Mobile Homes
3219ZM  .MFG-Miscellaneous Wood Products
3221  .MFG-Pulp, Paper, And Paperboard Mills
32221  .MFG-Paperboard Container
3222M  .MFG-Miscellaneous Paper And Pulp Products
3231  .MFG-Printing And Related Support Activities
3241M  .MFG-Miscellaneous Petroleum And Coal Products
32411  .MFG-Petroleum Refining
3252  .MFG-Resin, Synthetic Rubber, And Fibers And Filaments
3253  .MFG-Agricultural Chemicals
3254  .MFG-Pharmaceuticals And Medicines
3255  .MFG-Paint, Coating, And Adhesives
3256  .MFG-Soap, Cleaning Compound, And Cosmetics
325M  .MFG-Industrial And Miscellaneous Chemicals
3261  .MFG-Plastics Products
32621  .MFG-Tires
3262M  .MFG-Rubber Products, Except Tires
32711  .MFG-Pottery, Ceramics, And Plumbing Fixture Manufacturing
327120  .MFG-Clay Building Material And Refractories
3272  .MFG-Glass And Glass Products
3279  .MFG-Miscellaneous Nonmetallic Mineral Products
327M  .MFG-Cement, Concrete, Lime, And Gypsum Products
3313  .MFG-Aluminum Production And Processing
3314  .MFG-Nonferrous Metal, Except Aluminum, Production And Processing
3315  .MFG-Foundries
331M  .MFG-Iron And Steel Mills And Steel Products
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
622M .MED-General Medical And Surgical Hospitals, And
.Specialty (Except Psychiatric And Substance Abuse)
.Hospitals
6222 .MED-Psychiatric And Substance Abuse 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
7111 .ENT-Performing Arts Companies
7112 .ENT-Spectator Sports
711M .ENT-Promoters Of Performing Arts, Sports, And Similar
 EVENTS, AGENTS AND MANAGERS FOR ARTISTS, ATHLETES,
.ENTERTAINERS, AND OTHER PUBLIC FIGURES
7115 .ENT-Independent Artists, Writers, And Performers
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 .Recreational Vehicle Parks And Camps, And Rooming And
.Boating House, Dormitories, And Workers' Camps
7224 .ENT-Drinking Places, Alcoholic Beverages
722Z .ENT-Individuals And Other Food Services
811192 .SRV-Car Washes
8111Z .SRV-Automotive Repair And Maintenance
8112 .SRV-Electronic And Precision Equipment Repair And
.Maintenance
8113 .SRV-Commercial And Industrial Machinery And Equipment
.Repair And Maintenance
8114 .SRV-Personal And Household Goods Repair And Maintenance
812111 .SRV-Barber Shops
812112 .SRV-Beauty Salons
8121M .SRV-Nail Salons And Other Personal Care Services
8122 .SRV-Funeral Homes, Cemeteries And Crematories
8123 .SRV-Drycleaning And Laundry Services
8129 .SRV-Other Personal Services
8131 .SRV-Religious Organizations
81393 .SRV-Labor Unions
8139Z .SRV-Business, Professional, Political, And Similar Organizations
813M .SRV-Civic, Social, Advocacy Organizations, And Grantmaking And Giving Services
814 .SRV-Private Households
92113 .ADM-Public Finance Activities
92119 .ADM-Other General Government And Support
9211MP .ADM-Executive Offices And Legislative Bodies
923 .ADM-Administration Of Human Resource Programs
928110P1 .MIL-U.S. Army
928110P2 .MIL-U.S. Air Force
928110P3 .MIL-U.S. Navy
928110P4 .MIL-U.S. Marines
928110P5 .MIL-U.S. Coast Guard
928110P6 .MIL-U.S. Armed Forces, Branch Not Specified
928110P7 .MIL-Military Reserves Or National Guard
928P .ADM-National Security And International Affairs
92M1 .ADM-Administration Of Environmental Quality And Housing Programs
92M2 .ADM-Administration Of Economic Programs And Space Research
92MP .ADM-Justice, Public Order, And Safety Activities
999920 .Unemployed And Last Worked 5 Years Ago Or Earlier Or Never Worked

**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
b .N/A (in GQ for 2017 and later)
0 .No and GQ records for 2016 and earlier
1 .Yes

**OCCP** Character 4
Occupation recode for 2018 and later based on 2018 OCC codes
0850 .FIN-Personal Financial Advisors
0860 .FIN-Insurance Underwriters
0900 .FIN-Financial Examiners
0910 .FIN-Credit Counselors And Loan Officers
0930 .FIN-Tax Examiners And Collectors, And Revenue Agents
0940 .FIN-Tax Preparers
0960 .FIN-Other Financial Specialists
1005 .CMM-Computer And Information Research Scientists
1006 .CMM-Computer Systems Analysts
1007 .CMM-Information Security Analysts
1010 .CMM-Computer Programmers
1021 .CMM-Software Developers
1022 .CMM-Software Quality Assurance Analysts and Testers
1031 .CMM-Web Developers
1032 .CMM-Web And Digital Interface Designers
1050 .CMM-Computer Support Specialists
1065 .CMM-Database Administrators and Architects
1105 .CMM-Network And Computer Systems Administrators
1106 .CMM-Computer Network Architects
1108 .CMM-Computer Occupations, All Other
1200 .CMM-Actuaries
1220 .CMM-Operations Research Analysts
1240 .CMM-Other Mathematical Science Occupations
1305 .ENG-Architects, Except Landscape And Naval
1306 .ENG-Landscape Architects
1310 .ENG-Surveyors, Cartographers, And Photogrammetrists
1320 .ENG-Aerospace Engineers
1340 .ENG-Biomedical And Agricultural Engineers
1350 .ENG-Chemical Engineers
1360 .ENG-Civil Engineers
1400 .ENG-Computer Hardware Engineers
1410 .ENG-Electrical And Electronics Engineers
1420 .ENG-Environmental Engineers
1430 .ENG-Industrial Engineers, Including Health And Safety
1440 .ENG-Marine Engineers And Naval Architects
1450 .ENG-Materials Engineers
1460 .ENG-Mechanical Engineers
1520 .ENG-Petroleum, Mining And Geological Engineers, Including .Mining Safety Engineers
1530 .ENG-Other Engineers
1541 .ENG-Architectural And Civil Drafters
1545 .ENG-Other Drafters
1551 .ENG-Electrical And Electronic Engineering Technologists and .Technicians
1555 .Other Engineering Technologists And Technicians, Except .Drafters
1560 .ENG-Surveying And Mapping Technicians
1600 .SCI-Agricultural And Food Scientists
1610 .SCI-Biological Scientists
1640 .SCI-Conservation Scientists And Foresters
1650 .SCI-Other Life Scientists
1700 .SCI-Astronomers And Physicists
1710 .SCI-Atmospheric And Space Scientists
1720 .SCI-Chemists And Materials Scientists
1745 .SCI-Environmental Scientists And Specialists, Including .Health
1750 .SCI-Geoscientists And Hydrologists, Except Geographers
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<td>.SCI-Clinical And Counseling Psychologists</td>
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<td>.SCI-Other Psychologists</td>
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<td>.SCI-Urban And Regional Planners</td>
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<td>.SCI-Agricultural And Food Science Technicians</td>
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<td>.SCI-Environmental Science and Geoscience Technicians, And Nuclear Technicians</td>
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<td>.SCI-Other Life, Physical, And Social Science Technicians</td>
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<td>1980</td>
<td>.SCI-Occupational Health And Safety Specialists and Technicians</td>
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<td>.CMS-Substance Abuse And Behavioral Disorder Counselors</td>
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<td>.CMS-Educational, Guidance, And Career Counselors And Advisors</td>
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<td>.CMS-Probation Officers And Correctional Treatment Specialists</td>
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<td>.CMS-Social And Human Service Assistants</td>
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<td>.CMS-Other Community and Social Service Specialists</td>
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<td>.LGL-Lawyers, And Judges, Magistrates, And Other Judicial Workers</td>
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<td>.ENT-Floral Designers</td>
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<tr>
<td>2635</td>
<td>.ENT-Interior Designers</td>
</tr>
</tbody>
</table>
2636 .ENT-Merchandise Displayers And Windows Trimmers
2640 .ENT-Other Designers
2700 .ENT-Actors
2710 .ENT-Producers And Directors
2721 .ENT-Athletes and Sports Competitors
2722 .ENT-Coaches and Scouts
2723 .ENT-Umpires, Referees, And Other Sports Officials
2740 .ENT-Dancers And Choreographers
2751 .ENT-Music Directors and Composers
2752 .ENT-Musicians and Singers
2755 .ENT-Disc Jockeys, Except Radio
2770 .ENT-Entertainers And Performers, Sports and Related .Workers, All Other
2805 .ENT-Broadcast Announcers And Radio Disc Jockeys
2810 .ENT-News Analysts, Reporters And Correspondents
2825 .ENT-Public Relations Specialists
2830 .ENT-Editors
2840 .ENT-Technical Writers
2850 .ENT-Writers And Authors
2861 .ENT-Interpreters and Translators
2862 .ENT-Court Reporters and Simultaneous Captioners
2865 .ENT-Media And Communication Workers, All Other
2905 .ENT-Other Media And Communication Equipment Workers
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
3090 .MED-Physicians
3100 .MED-Surgeons
3110 .MED-Physician Assistants
3120 .MED-Podiatrists
3140 .MED-Audiologists
3150 .MED-Occupational Therapists
3160 .MED-Physical Therapists
3200 .MED-Radiation Therapists
3210 .MED-Recreational Therapists
3220 .MED-Respiratory Therapists
3230 .MED-Speech-Language Pathologists
3245 .MED-Other Therapists
3250 .MED-Veterinarians
3255 .MED-Registered Nurses
3256 .MED-Nurse Anesthetists
3258 .MED-Nurse Practitioners, And Nurse Midwives
3261 .MED-Acupuncturists
3270 .MED-Healthcare Diagnosing Or Treating Practitioners, All .Other
3300 .MED-Clinical Laboratory Technologists And Technicians
3310 .MED-Dental Hygienists
3321 .MED-Cardiovascular Technologists and Technicians
3322 .MED-Diagnostic Medical Sonographers
3323 .MED-Radiologic Technologists And Technicians
3324 .MED-Magnetic Resonance Imaging Technologists
3330 .MED-Nuclear Medicine Technologists and Medical Dosimetrist
3401 .MED-Emergency Medical Technicians
3402 .MED-Paramedics
3421 .MED-Pharmacy Technicians
3422 .MED-Psychiatric Technicians
3423 .MED-Surgical Technologists
3424 .MED-Veterinary Technologists and Technicians
3430 .MED-Dietetic Technicians And Ophthalmic Medical Technicians
3500 .MED-Licensed Practical And Licensed Vocational Nurses
3515 .MED-Medical Records Specialists
3520 .MED-Opticians, Dispensing
3545 .MED-Miscellaneous Health Technologists and Technicians
3550 .MED-Other Healthcare Practitioners and Technical Occupations
3601 .HLS-Home Health Aides
3602 .HLS-Personal Care Aides
3603 .HLS-Nursing Assistants
3605 .HLS-Orderlies and Psychiatric 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-Other Healthcare Support Workers
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
3725 .PRT-First-Line Supervisors of Security And Protective Service Workers, All Other
3740 .PRT-Firefighters
3750 .PRT-Fire Inspectors
3801 .PRT-Bailiffs
3802 .PRT-Correctional Officers and Jailers
3820 .PRT-Detectives And Criminal Investigators
3840 .PRT-Fish And Game Wardens And Parking Enforcement Officers
3870 .PRT-Police Officers
3900 .PRT-Animal Control Workers
3910 .PRT-Private Detectives And Investigators
3930 .PRT-Security Guards And Gaming Surveillance Officers
3940 .PRT-Crossing Guards And Flaggers
3945 .PRT-Transportation Security Screeners
3946 .PRT-School Bus Monitors
3960 .PRT-Other Protective Service Workers
4000 .EAT-Chefs And Head Cooks
4010 .EAT-First-Line Supervisors Of Food Preparation And Serving Workers
4020 .EAT-Cooks
4030 .EAT-Food Preparation Workers
4040 .EAT-Bartenders
4055 .EAT-Fast Food And Counter Workers
4110 .EAT-Waiters And Waitresses
4120 .EAT-Food Servers, Nonrestaurant
4130 .EAT-Dining Room And Cafeteria Attendants And Bartender Helpers
4140 .EAT-Dishwashers
4150 .EAT-Hosts And Hostesses, Restaurant, Lounge, And Coffee Shop
4160 .EAT-Food Preparation and Serving Related Workers, All Other
4200 .CLN-First-Line Supervisors Of Housekeeping And Janitorial Workers
4210 .CLN-First-Line Supervisors Of Landscaping, Lawn Service, And Groundskeeping Workers
4220 .CLN-Janitors And Building Cleaners
4230 .CLN-Maids And Housekeeping Cleaners
4240 .CLN-Pest Control Workers
4250 .CLN-Landscaping And Groundskeeping Workers
4252 .CLN-Tree Trimmers and Pruners
4255 .CLN-Other Grounds Maintenance Workers
4330 .PRS-Supervisors Of Personal Care And Service Workers
4340 .PRS-Animal Trainers
4350 .PRS-Animal Caretakers
4400 .PRS-Gambling Services Workers
4420 .PRS-Ushers, Lobby Attendants, And Ticket Takers
4435 .PRS-Other Entertainment Attendants And Related Workers
4461 .PRS-Embalmers, Crematory Operators, And Funeral Attendants
4465 .PRS-Morticians, Undertakers, And Funeral Arrangers
4500 .PRS-Barbers
4510 .PRS-Hairdressers, Hairstylists, And Cosmetologists
4521 .PRS-Manicurists And Pedicurists
4522 .PRS-Skincare Specialists
4525 .PRS-Other Personal Appearance Workers
4530 .PRS-Baggage Porters, Bellhops, And Concierges
4540 .PRS-Tour And Travel Guides
4600 .PRS-Childcare Workers
4621 .PRS-Exercise Trainers And Group Fitness Instructors
4622 .PRS-Recreation Workers
4640 .PRS-Residential Advisors
4655 .PRS-Personal Care and Service Workers, All Other
4700 .SAL-First-Line Supervisors Of Retail Sales Workers
4710 .SAL-First-Line Supervisors Of Non-Retail Sales Workers
4720 .SAL-Cashiers
4740 .SAL-Counter And Rental Clerks
4750 .SAL-Parts Salespersons
4760 .SAL-Retail Salespersons
4800 .SAL-Advertising Sales Agents
4810 .SAL-Insurance Sales Agents
4820 .SAL-Securities, Commodities, And Financial Services Sales Agents
4830 .SAL-Travel Agents
4840 .SAL-Sales Representatives Of Services, Except Advertising, Insurance, Financial Services, And Travel
4850 .SAL-Sales Representatives, Wholesale And Manufacturing
4900 .SAL-Models, Demonstrators, And Product Promoters
4920 .SAL-Real Estate Brokers And Sales Agents
4930 .SAL-Sales Engineers
4940 .SAL-Telemarketers
4950 .SAL-Door-To-Door Sales Workers, News And Street Vendors, And Related Workers
4965 .SAL-Sales And Related Workers, All Other
5000  .OFF-First-Line Supervisors Of Office And Administrative Support Workers
5010  .OFF-Switchboard Operators, Including Answering Service
5020  .OFF-Telephone Operators
5040  .OFF-Communications Equipment Operators, All Other
5100  .OFF-Bill And Account Collectors
5110  .OFF-Billing And Posting Clerks
5120  .OFF-Bookkeeping, Accounting, And Auditing Clerks
5140  .OFF-Payroll And Timekeeping Clerks
5150  .OFF-Procurement Clerks
5160  .OFF-Tellers
5165  .OFF-Other Financial Clerks
5220  .OFF-Court, Municipal, And License Clerks
5230  .OFF-Credit Authorizers, Checkers, And Clerks
5240  .OFF-Customer Service Representatives
5250  .OFF-Eligibility Interviewers, Government Programs
5260  .OFF-File Clerks
5300  .OFF-Hotel, Motel, And Resort Desk Clerks
5310  .OFF-Interviewers, Except Eligibility And Loan
5320  .OFF-Library Assistants, Clerical
5330  .OFF-Loan Interviewers And Clerks
5340  .OFF-New Accounts Clerks
5350  .OFF-Correspondence Clerks And Order Clerks
5360  .OFF-Human Resources Assistants, Except Payroll And Timekeeping
5400  .OFF-Receptionists And Information Clerks
5410  .OFF-Reservation And Transportation Ticket Agents And Travel Clerks
5420  .OFF-Other Information And Records Clerks
5500  .OFF-Cargo And Freight Agents
5510  .OFF-Couriers And Messengers
5520  .OFF-Public Safety Telecommunicators
5521  .OFF-Dispatchers, Except Police, Fire, And Ambulance
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 Inventory Clerks
5630  .OFF-Weighers, Measurers, Checkers, And Samplers, Recordkeeping
5710  .OFF-Executive Secretaries And Executive Administrative Assistants
5720  .OFF-Legal Secretaries and Administrative Assistants
5730  .OFF-Medical Secretaries and Administrative Assistants
5740  .OFF-Secretaries And Administrative Assistants, Except Legal, Medical, And Executive
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
<table>
<thead>
<tr>
<th>Code</th>
<th>Occupation Description</th>
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<tbody>
<tr>
<td>5940</td>
<td>.OFF-Other Office And Administrative Support Workers</td>
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<tr>
<td>6005</td>
<td>.FFF-First-Line Supervisors Of Farming, Fishing, And Forestry Workers</td>
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<tr>
<td>6010</td>
<td>.FFF-Agricultural Inspectors</td>
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<tr>
<td>6040</td>
<td>.FFF-Graders And Sorters, Agricultural Products</td>
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<td>6050</td>
<td>.FFF-Other Agricultural Workers</td>
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<tr>
<td>6115</td>
<td>.FFF-Fishing And Hunting Workers</td>
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<td>6120</td>
<td>.FFF-Forest And Conservation Workers</td>
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<tr>
<td>6130</td>
<td>.FFF-Logging Workers</td>
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<tr>
<td>6200</td>
<td>.CON-First-Line Supervisors Of Construction Trades And Extraction Workers</td>
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<tr>
<td>6210</td>
<td>.CON-Boilermakers</td>
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<tr>
<td>6220</td>
<td>.CON-Brickmasons, Blockmasons, Stonemasons, And Reinforcing Iron And Rebar Workers</td>
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<td>6230</td>
<td>.CON-Carpenters</td>
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<td>6240</td>
<td>.CON-Carpet, Floor, And Tile Installers And Finishers</td>
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<td>6250</td>
<td>.CON-Cement Masons, Concrete Finishers, And Terrazzo Workers</td>
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<td>.CON-Construction Laborers</td>
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<td>6305</td>
<td>.CON-Construction Equipment Operators</td>
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<td>6330</td>
<td>.CON-Drywall Installers, Ceiling Tile Installers, And Tapers</td>
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<td>.CON-Electricians</td>
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<td>.CON-Glaziers</td>
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<td>6400</td>
<td>.CON-Insulation Workers</td>
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<td>6410</td>
<td>.CON-Painters and Paperhangers</td>
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<td>6441</td>
<td>.CON-Pipelayers</td>
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<td>6442</td>
<td>.CON-Plumbers, Pipefitters, And Steamfitters</td>
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<td>6460</td>
<td>.CON-Plasterers And Stucco Masons</td>
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<td>6515</td>
<td>.CON-Roofers</td>
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<tr>
<td>6520</td>
<td>.CON-Sheet Metal Workers</td>
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<td>6530</td>
<td>.CON-Structural Iron And Steel Workers</td>
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<td>6540</td>
<td>.CON-Solar Photovoltaic Installers</td>
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<td>6600</td>
<td>.CON-Helpers, Construction Trades</td>
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<td>.CON-Construction And Building Inspectors</td>
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<td>6700</td>
<td>.CON-Elevator Installers And Repairers</td>
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<td>.CON-Fence Erectors</td>
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<td>6720</td>
<td>.CON-Hazardous Materials Removal Workers</td>
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<td>.CON-Highway Maintenance Workers</td>
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<td>6740</td>
<td>.CON-Rail-Track Laying And Maintenance Equipment Operators</td>
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<td>6765</td>
<td>.CON-Other Construction And Related Workers</td>
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<tr>
<td>6800</td>
<td>.EXT-Derrick, Rotary Drill, And Service Unit Operators, And Roustabouts, Oil, Gas, And Mining</td>
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<td>6825</td>
<td>.EXT-Surface Mining Machine Operators And Earth Drillers</td>
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<td>6835</td>
<td>.EXT-Explosives Workers, Ordnance Handling Experts, and Blasters</td>
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<td>6850</td>
<td>.EXT-Underground Mining Machine Operators</td>
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<td>.EXT-Other Extraction Workers</td>
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<td>7000</td>
<td>.RPR-First-Line Supervisors Of Mechanics, Installers, And Repairers</td>
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<tr>
<td>7010</td>
<td>.RPR-Computer, Automated Teller, And Office Machine Repairers</td>
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<td>7020</td>
<td>.RPR-Radio And Telecommunications Equipment Installers And Repairers</td>
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<td>7030</td>
<td>.RPR-Avionics Technicians</td>
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<td>7040</td>
<td>.RPR-Electric Motor, Power Tool, And Related Repairers</td>
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<td>7100</td>
<td>.RPR-Other Electrical And Electronic Equipment Mechanics, Installers, And Repairers</td>
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<td>Description</td>
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<tr>
<td>7120</td>
<td>RPR-Electronic Home Entertainment Equipment Installers And Repairers</td>
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<tr>
<td>7130</td>
<td>RPR-Security And Fire Alarm Systems Installers</td>
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<tr>
<td>7140</td>
<td>RPR-Aircraft Mechanics And Service Technicians</td>
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<tr>
<td>7150</td>
<td>RPR-Automotive Body And Related Repairers</td>
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<tr>
<td>7160</td>
<td>RPR-Automotive Glass Installers And Repairers</td>
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<tr>
<td>7200</td>
<td>RPR-Automotive Service Technicians And Mechanics</td>
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<tr>
<td>7210</td>
<td>RPR-Bus And Truck Mechanics And Diesel Engine Specialists</td>
</tr>
<tr>
<td>7220</td>
<td>RPR-Heavy Vehicle And Mobile Equipment Service Technicians And Mechanics</td>
</tr>
<tr>
<td>7240</td>
<td>RPR-Small Engine Mechanics</td>
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<tr>
<td>7260</td>
<td>RPR-Miscellaneous Vehicle And Mobile Equipment Mechanics, Installers, And Repairers</td>
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<tr>
<td>7300</td>
<td>RPR-Control And Valve Installers And Repairers</td>
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<tr>
<td>7315</td>
<td>RPR-Heating, Air Conditioning, And Refrigeration Mechanics And Installers</td>
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<td>7320</td>
<td>RPR-Home Appliance Repairers</td>
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<tr>
<td>7330</td>
<td>RPR-Industrial And Refractory Machinery Mechanics</td>
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<tr>
<td>7340</td>
<td>RPR-Maintenance And Repair Workers, General</td>
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<tr>
<td>7350</td>
<td>RPR-Maintenance Workers, Machinery</td>
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<td>7360</td>
<td>RPR-Millwrights</td>
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<tr>
<td>7410</td>
<td>RPR-Electrical Power-Line Installers And Repairers</td>
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<tr>
<td>7420</td>
<td>RPR-Telecommunications Line Installers And Repairers</td>
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<tr>
<td>7430</td>
<td>RPR-Precision Instrument And Equipment Repairers</td>
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<tr>
<td>7510</td>
<td>RPR-Coin, Vending, And Amusement Machine Servicers And Repairers</td>
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<td>7540</td>
<td>RPR-Locksmiths And Safe Repairers</td>
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<td>7560</td>
<td>RPR-Riggers</td>
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<td>7610</td>
<td>RPR-Helpers--Installation, Maintenance, And Repair Workers</td>
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<td>7640</td>
<td>RPR-Other Installation, Maintenance, And Repair Workers</td>
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<tr>
<td>7700</td>
<td>PRD-First-Line Supervisors Of Production And Operating Workers</td>
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<tr>
<td>7720</td>
<td>PRD-Electrical, Electronics, And Electromechanical Assemblers</td>
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<tr>
<td>7730</td>
<td>PRD-Engine And Other Machine Assemblers</td>
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<tr>
<td>7740</td>
<td>PRD-Structural Metal Fabricators And Fitters</td>
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<td>7750</td>
<td>PRD-Other Assemblers And Fabricators</td>
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<tr>
<td>7800</td>
<td>PRD-Bakers</td>
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<tr>
<td>7810</td>
<td>PRD-Butchers And Other Meat, Poultry, And Fish Processing Workers</td>
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<tr>
<td>7830</td>
<td>PRD-Food And Tobacco Roasting, Baking, And Drying Machine Operators And Tenders</td>
</tr>
<tr>
<td>7840</td>
<td>PRD-Food Batchmakers</td>
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<tr>
<td>7850</td>
<td>PRD-Food Cooking Machine Operators And Tenders</td>
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<tr>
<td>7855</td>
<td>PRD-Food Processing Workers, All Other</td>
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<tr>
<td>7905</td>
<td>PRD-Computer Numerically Controlled Tool Operators And Programmers</td>
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<tr>
<td>7925</td>
<td>PRD-Forming Machine Setters, Operators, And Tenders, Metal And Plastic</td>
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<tr>
<td>7950</td>
<td>PRD-Cutting, Punching, And Press Machine Setters, Operators, And Tenders, Metal And Plastic</td>
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<tr>
<td>8000</td>
<td>. Grinding, Lapping, Polishing, And Buffing Machine Tool</td>
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<td>8025</td>
<td>PRD-Other Machine Tool Setters, Operators, And Tenders, Metal and Plastic</td>
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<tr>
<td>8030</td>
<td>PRD-Machinists</td>
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<tr>
<td>8040</td>
<td>PRD-Metal Furnace Operators, Tenders, Pourers, And Casters</td>
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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
8225 .PRD-Other Metal Workers And Plastic Workers
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
8335 .PRD-Shoe And Leather Workers
8350 .PRD-Tailors, Dressmakers, And Sewers
8365 .PRD-Textile Machine Setters, Operators, And Tenders
8450 .PRD-Upholsterers
8465 .PRD-Other Textile, Apparel, And Furnishings Workers
8500 .PRD-Cabinetmakers And Bench Carpenters
8510 .PRD-Furniture Finishers
8530 .PRD-Sawing Machine Setters, Operators, And Tenders, Wood Exceptional Woodworkers
8540 .PRD-Woodworking Machine Setters, Operators, And Tenders, Wood Except Sawing
8555 .PRD-Other Woodworkers
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-Dental And Ophthalmic Laboratory Technicians And Medical Appliance 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
8990 .PRD-Miscellaneous Production Workers, Including Equipment Operators And Tenders
9005 .TRN-Supervisors Of Transportation And Material Moving Workers
9030 .TRN-Aircraft Pilots And Flight Engineers
9040 .TRN-Air Traffic Controllers And Airfield Operations Specialists
<table>
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<tr>
<th>Code</th>
<th>Occupation Description</th>
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<tbody>
<tr>
<td>9050</td>
<td>.TRN-Flight Attendants</td>
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<td>9110</td>
<td>.TRN-Ambulance Drivers And Attendants, Except Emergency Medical Technicians</td>
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<td>9121</td>
<td>.TRN-Bus Drivers, School</td>
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<td>9122</td>
<td>.TRN-Bus Drivers, Transit And Intercity</td>
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<td>.TRN-Driver/Sales Workers And Truck Drivers</td>
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<td>9141</td>
<td>.TRN-Shuttle Drivers And Chauffeurs</td>
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<td>9142</td>
<td>.TRN-Taxi Drivers</td>
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<tr>
<td>9150</td>
<td>.TRN-Motor Vehicle Operators, All Other</td>
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<tr>
<td>9210</td>
<td>.TRN-Locomotive Engineers And Operators</td>
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<tr>
<td>9240</td>
<td>.TRN-Railroad Conductors And Yardmasters</td>
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<td>9265</td>
<td>.TRN-Other Rail Transportation Workers</td>
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<tr>
<td>9300</td>
<td>.TRN-Sailors And Marine Oilers, And Ship Engineers</td>
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<tr>
<td>9310</td>
<td>.TRN-Ship And Boat Captains And Operators</td>
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<td>9350</td>
<td>.TRN-Parking Lot Attendants</td>
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<tr>
<td>9365</td>
<td>.TRN-Transportation Service Attendants</td>
</tr>
<tr>
<td>9410</td>
<td>.TRN-Transportation Inspectors</td>
</tr>
<tr>
<td>9415</td>
<td>.TRN-Passenger Attendants</td>
</tr>
<tr>
<td>9430</td>
<td>.TRN-Other Transportation Workers</td>
</tr>
<tr>
<td>9510</td>
<td>.TRN-Crane And Tower Operators</td>
</tr>
<tr>
<td>9570</td>
<td>.TRN-Conveyor, Dredge, And Hoist And Winch Operators</td>
</tr>
<tr>
<td>9600</td>
<td>.TRN-Industrial Truck And Tractor Operators</td>
</tr>
<tr>
<td>9610</td>
<td>.TRN-Cleaners Of Vehicles And Equipment</td>
</tr>
<tr>
<td>9620</td>
<td>.TRN-Laborers And Freight, Stock, And Material Movers, Hand</td>
</tr>
<tr>
<td>9630</td>
<td>.TRN-Machine Feeders And Offbearers</td>
</tr>
<tr>
<td>9640</td>
<td>.TRN-Packers And Packagers, Hand</td>
</tr>
<tr>
<td>9645</td>
<td>.TRN-Stockers And Order Fillers</td>
</tr>
<tr>
<td>9650</td>
<td>.TRN-Pumping Station Operators</td>
</tr>
<tr>
<td>9720</td>
<td>.TRN-Refuse And Recyclable Material Collectors</td>
</tr>
<tr>
<td>9760</td>
<td>.TRN-Other Material Moving Workers</td>
</tr>
<tr>
<td>9800</td>
<td>.MIL-Military Officer Special And Tactical Operations Leaders</td>
</tr>
<tr>
<td>9810</td>
<td>.MIL-First-Line Enlisted Military Supervisors</td>
</tr>
<tr>
<td>9825</td>
<td>.MIL-Military Enlisted Tactical Operations And Air/Weapons Specialists And Crew Members</td>
</tr>
<tr>
<td>9830</td>
<td>.MIL-Military, Rank Not Specified</td>
</tr>
<tr>
<td>9920</td>
<td>.Unemployed And Last Worked 5 Years Ago Or Earlier Or Never Worked</td>
</tr>
</tbody>
</table>

### PAOC

**Character 1**

Presence and age of own children

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>b</td>
<td>.N/A (male/female under 16 years old/GQ)</td>
</tr>
<tr>
<td>1</td>
<td>Females with own children under 6 years only</td>
</tr>
<tr>
<td>2</td>
<td>Females with own children 6 to 17 years only</td>
</tr>
<tr>
<td>3</td>
<td>Females with own children under 6 years and 6 to 17 years</td>
</tr>
<tr>
<td>4</td>
<td>Females with no own children</td>
</tr>
</tbody>
</table>

### PERNP

**Numeric 7**

Total person's earnings (use ADJINC to adjust to constant dollars)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>bbbbbbb</td>
<td>.N/A (less than 15 years old)</td>
</tr>
<tr>
<td>0</td>
<td>No earnings</td>
</tr>
<tr>
<td>-10000</td>
<td>Loss of $10000 or more (Rounded and bottom-coded components)</td>
</tr>
<tr>
<td>-9999-1</td>
<td>Loss $1 to $9999 (Rounded components)</td>
</tr>
<tr>
<td>1..1999998</td>
<td>$1 to $1999998 (Rounded and top-coded components)</td>
</tr>
</tbody>
</table>
PINCP Numeric 7
Total person's income (signed, use ADJINC to adjust to constant dollars)

- bbbbbbb .N/A (less than 15 years old)
- 0 .None
- -019998 .Loss of $19998 or more (Rounded and bottom-coded components)
- -19997..-1 .Loss $1 to $19997 (Rounded components)
- 1..4209995 .$1 to $4209995 (Rounded and top-coded components)

POBP Character 3
Place of birth (Recode)

- 001 .Alabama/AL
- 002 .Alaska/AK
- 004 .Arizona/AZ
- 005 .Arkansas/AR
- 006 .California/CA
- 008 .Colorado/CO
- 009 .Connecticut/CT
- 010 .Delaware/DE
- 011 .District of Columbia/DC
- 012 .Florida/FL
- 013 .Georgia/GA
- 015 .Hawaii/HI
- 016 .Idaho/ID
- 017 .Illinois/IL
- 018 .Indiana/IN
- 019 .Iowa/IA
- 020 .Kansas/KS
- 021 .Kentucky/KY
- 022 .Louisiana/LA
- 023 .Maine/ME
- 024 .Maryland/MD
- 025 .Massachusetts/MA
- 026 .Michigan/MI
- 027 .Minnesota/MN
- 028 .Mississippi/MS
- 029 .Missouri/MO
- 030 .Montana/MT
- 031 .Nebraska/NE
- 032 .Nevada/NV
- 033 .New Hampshire/NH
- 034 .New Jersey/NJ
- 035 .New Mexico/NM
- 036 .New York/NY
- 037 .North Carolina/NC
- 038 .North Dakota/ND
- 039 .Ohio/OH
- 040 .Oklahoma/OK
- 041 .Oregon/OR
- 042 .Pennsylvania/PA
- 044 .Rhode Island/RI
- 045 .South Carolina/SC
- 046 .South Dakota/SD
- 047 .Tennessee/TN
- 048 .Texas/TX
049 .Utah/UT
050 .Vermont/VT
051 .Virginia/VA
053 .Washington/WA
054 .West Virginia/WV
055 .Wisconsin/WI
056 .Wyoming/WY
060 .American Samoa
066 .Guam
069 .Commonwealth of the Northern Mariana Islands
072 .Puerto Rico
078 .US Virgin Islands
100 .Albania
102 .Austria
103 .Belgium
104 .Bulgaria
105 .Czechoslovakia
106 .Denmark
108 .Finland
109 .France
110 .Germany
116 .Greece
117 .Hungary
118 .Iceland
119 .Ireland
120 .Italy
126 .Netherlands
127 .Norway
128 .Poland
129 .Portugal
130 .Azores Islands
132 .Romania
134 .Spain
136 .Sweden
137 .Switzerland
138 .United Kingdom, Not Specified
139 .England
140 .Scotland
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 and Barbuda
323. Bahamas
324. Barbados
327. Cuba
Dominica
Dominican Republic
Grenada
Haiti
Jamaica
St. Kitts-Nevis (2017 or later)
St. Lucia
St. Vincent and the Grenadines
Trinidad and Tobago
West Indies
Caribbean, Not Specified
Argentina
Bolivia
Brazil
Chile
Colombia
Ecuador
Guyana
Paraguay
Peru
Uruguay
Venezuela
South America
Americas, Not Specified
Argentina
Algeria
Cameroon
Cabo Verde
Congo
Egypt
Ethiopia
Eritrea
Gambia
Ghana
Guinea
Ivory Coast (2017 or later)
Kenya
Liberia
Libya
Morocco
Nigeria
Rwanda (2017 or later)
Senegal
Sierra Leone
Somalia
South Africa
Sudan
Tanzania
Togo
Tunisia (2017 or later)
Uganda
Democratic Republic of Congo (Zaire)
Zambia
Zimbabwe
Africa
South Sudan (2017 or later)
Northern Africa, Not Specified
Western Africa, Not Specified
468 .Other Africa, Not Specified
469 .Eastern Africa, Not Specified
501 .Australia
508 .Fiji
511 .Marshall Islands
512 .Micronesia
515 .New Zealand
523 .Tonga
527 .Samoa
554 .Other US Island Areas, Oceania, Not Specified, or at Sea

POVPIP    Numeric  3
| Income-to-poverty ratio recode |
| bbb | N/A |
| 0..500 | Below 501 percent |
| 501 | .501 percent or more |

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

POWSP    Character  3
| Place of work - State or foreign country recode |
| bbb | N/A (not a worker--not in the labor force, including persons under 16 years; unemployed; employed, with a job not at work; Armed Forces, with a job but not at work) |
| 001 | Alabama/AL |
| 002 | Alaska/AK |
| 004 | Arizona/AZ |
| 005 | Arkansas/AR |
| 006 | California/CA |
| 008 | Colorado/CO |
| 009 | Connecticut/CT |
| 010 | Delaware/DE |
| 011 | District of Columbia/DC |
| 012 | Florida/FL |
| 013 | Georgia/GA |
| 015 | Hawaii/HI |
| 016 | Idaho/ID |
| 017 | Illinois/IL |
| 018 | Indiana/IN |
| 019 | Iowa/IA |
| 020 | Kansas/KS |
| 021 | Kentucky/KY |
| 022 | Louisiana/LA |
| 023 | Maine/ME |
| 024 | Maryland/MD |
| 025 | Massachusetts/MA |
| 026 | Michigan/MI |
| 027 | Minnesota/MN |
| 028 | Mississippi/MS |
| 029 | Missouri/MO |
030 .Montana/MT
031 .Nebraska/NE
032 .Nevada/NV
033 .New Hampshire/NH
034 .New Jersey/NJ
035 .New Mexico/NM
036 .New York/NY
037 .North Carolina/NC
038 .North Dakota/ND
039 .Ohio/OH
040 .Oklahoma/OK
041 .Oregon/OR
042 .Pennslyvania/PA
044 .Rhode Island/RI
045 .South Carolina/SC
046 .South Dakota/SD
047 .Tennessee/TN
048 .Texas/TX
049 .Utah/UT
050 .Vermont/VT
051 .Virginia/VA
053 .Washington/WA
054 .West Virginia/WV
055 .Wisconsin/WI
056 .Wyoming/WY
072 .Puerto Rico
166 .Europe
251 .Eastern Asia
254 .Other Asia, Not Specified
301 .Canada
303 .Mexico
399 .Americas, Not Specified
555 .Other US Island Areas Not Specified, Africa, Oceania, at Sea, or Abroad, Not Specified

PRIVCOV  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**

<table>
<thead>
<tr>
<th>RAC2P Character 2</th>
<th>Recoded detailed race code</th>
</tr>
</thead>
<tbody>
<tr>
<td>01. <strong>White alone</strong></td>
<td></td>
</tr>
<tr>
<td>02. <strong>Black or African American alone</strong></td>
<td></td>
</tr>
<tr>
<td>03. <strong>Apache alone</strong></td>
<td></td>
</tr>
<tr>
<td>04. <strong>Blackfeet alone</strong></td>
<td></td>
</tr>
<tr>
<td>05. <strong>Cherokee alone</strong></td>
<td></td>
</tr>
<tr>
<td>06. <strong>Cheyenne alone</strong></td>
<td></td>
</tr>
<tr>
<td>07. <strong>Chickasaw alone</strong></td>
<td></td>
</tr>
<tr>
<td>08. <strong>Chippewa alone</strong></td>
<td></td>
</tr>
<tr>
<td>09. <strong>Choctaw alone</strong></td>
<td></td>
</tr>
<tr>
<td>10. <strong>Comanche alone</strong></td>
<td></td>
</tr>
<tr>
<td>11. <strong>Creek alone</strong></td>
<td></td>
</tr>
<tr>
<td>12. <strong>Crow alone</strong></td>
<td></td>
</tr>
<tr>
<td>13. <strong>Hopi alone</strong></td>
<td></td>
</tr>
<tr>
<td>14. <strong>Iroquois alone</strong></td>
<td></td>
</tr>
<tr>
<td>15. <strong>Lumbee alone</strong></td>
<td></td>
</tr>
<tr>
<td>16. <strong>Mexican American Indian alone</strong></td>
<td></td>
</tr>
<tr>
<td>17. <strong>Navajo alone</strong></td>
<td></td>
</tr>
<tr>
<td>18. <strong>Pima alone</strong></td>
<td></td>
</tr>
<tr>
<td>19. <strong>Potawatomi alone</strong></td>
<td></td>
</tr>
<tr>
<td>20. <strong>Pueblo alone</strong></td>
<td></td>
</tr>
<tr>
<td>21. <strong>Puget Sound Salish alone</strong></td>
<td></td>
</tr>
<tr>
<td>22. <strong>Seminole alone</strong></td>
<td></td>
</tr>
<tr>
<td>23. <strong>Sioux alone</strong></td>
<td></td>
</tr>
<tr>
<td>24. <strong>South American Indian alone</strong></td>
<td></td>
</tr>
<tr>
<td>25. <strong>Tohono O'Odham alone</strong></td>
<td></td>
</tr>
<tr>
<td>26. <strong>Yaqui alone</strong></td>
<td></td>
</tr>
<tr>
<td>27. <strong>Other specified American Indian tribes alone</strong></td>
<td></td>
</tr>
<tr>
<td>28. <strong>All other specified American Indian tribe combinations</strong></td>
<td></td>
</tr>
<tr>
<td>29. <strong>American Indian, tribe not specified</strong></td>
<td></td>
</tr>
<tr>
<td>30. <strong>Alaskan Athabascan alone</strong></td>
<td></td>
</tr>
<tr>
<td>31. <strong>Tlingit-Haida alone</strong></td>
<td></td>
</tr>
<tr>
<td>32. <strong>Inupiat alone</strong></td>
<td></td>
</tr>
<tr>
<td>33. <strong>Yup'ik alone</strong></td>
<td></td>
</tr>
<tr>
<td>34. <strong>Aleut alone</strong></td>
<td></td>
</tr>
<tr>
<td>35. <strong>Other Alaska Native</strong></td>
<td></td>
</tr>
<tr>
<td>36. <strong>Other American Indian and Alaska Native specified</strong></td>
<td></td>
</tr>
<tr>
<td>37. <strong>American Indian and Alaska Native, not specified</strong></td>
<td></td>
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<tr>
<td>38. <strong>Asian Indian alone</strong></td>
<td></td>
</tr>
<tr>
<td>39. <strong>Bangladeshi alone</strong></td>
<td></td>
</tr>
<tr>
<td>40. <strong>Bhutanese alone</strong></td>
<td></td>
</tr>
<tr>
<td>41. <strong>Burmese alone</strong></td>
<td></td>
</tr>
<tr>
<td>42. <strong>Cambodian alone</strong></td>
<td></td>
</tr>
<tr>
<td>43. <strong>Chinese, except Taiwanese, alone</strong></td>
<td></td>
</tr>
<tr>
<td>44. <strong>Taiwanese alone</strong></td>
<td></td>
</tr>
<tr>
<td>45. <strong>Filipino alone</strong></td>
<td></td>
</tr>
<tr>
<td>Character 3</td>
<td>Recoded detailed race code</td>
</tr>
<tr>
<td>-------------</td>
<td>---------------------------</td>
</tr>
<tr>
<td>001</td>
<td>White alone</td>
</tr>
<tr>
<td>002</td>
<td>Black or African American alone</td>
</tr>
<tr>
<td>003</td>
<td>American Indian and Alaska Native alone</td>
</tr>
<tr>
<td>004</td>
<td>Asian Indian alone</td>
</tr>
<tr>
<td>005</td>
<td>Chinese alone</td>
</tr>
<tr>
<td>006</td>
<td>Filipino alone</td>
</tr>
<tr>
<td>007</td>
<td>Japanese alone</td>
</tr>
<tr>
<td>008</td>
<td>Korean alone</td>
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<tr>
<td>009</td>
<td>Vietnamese alone</td>
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<tr>
<td>010</td>
<td>Other Asian alone</td>
</tr>
<tr>
<td>011</td>
<td>Native Hawaiian alone</td>
</tr>
<tr>
<td>012</td>
<td>Guamanian or Chamorro alone</td>
</tr>
<tr>
<td>013</td>
<td>Samoan alone</td>
</tr>
<tr>
<td>014</td>
<td>Other Pacific Islander alone</td>
</tr>
<tr>
<td>015</td>
<td>Some Other Race alone</td>
</tr>
<tr>
<td>016</td>
<td>White; Black or African American</td>
</tr>
<tr>
<td>017</td>
<td>White; American Indian and Alaska Native</td>
</tr>
<tr>
<td>018</td>
<td>White; Asian Indian</td>
</tr>
<tr>
<td>019</td>
<td>White; Chinese</td>
</tr>
<tr>
<td>020</td>
<td>White; Filipino</td>
</tr>
<tr>
<td>021</td>
<td>White; Japanese</td>
</tr>
<tr>
<td>022</td>
<td>White; Korean</td>
</tr>
<tr>
<td>023</td>
<td>White; Vietnamese</td>
</tr>
<tr>
<td>024</td>
<td>White; Other Asian</td>
</tr>
<tr>
<td>025</td>
<td>White; Native Hawaiian</td>
</tr>
<tr>
<td>026</td>
<td>White; Guamanian or Chamorro</td>
</tr>
<tr>
<td>027</td>
<td>White; Samoan</td>
</tr>
<tr>
<td>028</td>
<td>White; Other Pacific Islander</td>
</tr>
<tr>
<td>029</td>
<td>White; Some Other Race</td>
</tr>
<tr>
<td>030</td>
<td>Black or African American; American Indian and Alaska Native</td>
</tr>
<tr>
<td>031</td>
<td>Black or African American; Asian Indian</td>
</tr>
</tbody>
</table>
032 .Black or African American; Chinese
033 .Black or African American; Filipino
034 .Black or African American; Japanese
035 .Black or African American; Korean
036 .Black or African American; Other Asian
037 .Black or African American; Other Pacific Islander
038 .Black or African American; Some Other Race
039 .American Indian and Alaska Native; Asian Indian
040 .American Indian and Alaska Native; Filipino
041 .American Indian and Alaska Native; Some Other Race
042 .Asian Indian; Other Asian
043 .Asian Indian; Some Other Race
044 .Chinese; Filipino
045 .Chinese; Japanese
046 .Chinese; Korean
047 .Chinese; Vietnamese
048 .Chinese; Other Asian
049 .Chinese; Native Hawaiian
050 .Filipino; Japanese
051 .Filipino; Native Hawaiian
052 .Filipino; Other Pacific Islander
053 .Filipino; Some Other Race
054 .Japanese; Korean
055 .Japanese; Native Hawaiian
056 .Vietnamese; Other Asian
057 .Other Asian; Other Pacific Islander
058 .Other Asian; Some Other Race
059 .Other Pacific Islander; Some Other Race
060 .White; Black or African American; American Indian and Alaska .Native
061 .White; Black or African American; Filipino
062 .White; Black or African American; Some Other Race
063 .White; American Indian and Alaska Native; Filipino
064 .White; American Indian and Alaska Native; Some Other Race
065 .White; Chinese; Filipino
066 .White; Chinese; Japanese
067 .White; Chinese; Native Hawaiian
068 .White; Filipino; Native Hawaiian
069 .White; Japanese; Native Hawaiian
070 .White; Other Asian; Some Other Race
071 .Chinese; Filipino; Native Hawaiian
072 .White; Chinese; Filipino; Native Hawaiian
073 .White; Chinese; Japanese; Native Hawaiian
074 .Black or African American; Asian groups
075 .Black or African American; Native Hawaiian and Other Pacific Islander groups
076 .Asian Indian; Asian groups
077 .Filipino; Asian groups
078 .White; Black or African American; Asian groups
079 .White; American Indian and Alaska Native; Asian groups
080 .White; Native Hawaiian and Other Pacific Islander groups; .and/or Some Other Race
081 .White; Black or African American; American Indian and Alaska .Native; Asian groups
082 .White; Black or African American; American Indian and Alaska .Native; and/or Native Hawaiian and Other Pacific Islander .groups; and/or Some Other Race
White; Black or African American; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race

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

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

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

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

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

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

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

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

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

Chinese; Japanese; Native Hawaiian; and/or other Asian and/or Pacific Islander groups

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

Filipino; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race

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

Korean; and/or Vietnamese; and/or Other Asian; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race

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

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

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

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

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

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

RC  Character  1
Related child
  b .N/A (in GQ for 2017 and later)
  0 .No and GQ records for 2016 and earlier
  1 .Yes

SCIENGP  Character  1
Field of degree science and engineering flag - NSF definition
  b .N/A (less than a bachelor's degree)
  1 .Yes
  2 .No

SCIENGRLP  Character  1
Field of degree science and engineering related flag - NSF definition
  b .N/A (less than a bachelor's degree)
  1 .Yes
  2 .No

SFN  Character  1
Subfamily number

106
b .N/A (GQ/not in a subfamily)
1 .In subfamily 1
2 .In subfamily 2
3 .In subfamily 3
4 .In subfamily 4

SFR

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

SOCP

Character 6
Standard Occupational Classification (SOC) codes for 2018 and later based on 2018 SOC codes

bbbbbb .N/A (less than 16 years old/NILF who last worked more than 5 years ago or never worked)
1110XX .MGR-Chief Executives And Legislators
111021 .MGR-General And Operations Managers
112011 .MGR-Advertising And Promotions Managers
112021 .MGR-Marketing Managers
112022 .MGR-Sales Managers
112030 .MGR-Public Relations And Fundraising Managers
113012 .MGR-Administrative Services Managers
113013 .MGR-Facilities Managers
113021 .MGR-Computer And Information Systems Managers
113031 .MGR-Financial Managers
113111 .MGR-Compensation And Benefits Managers
113121 .MGR-Human Resources Managers
113131 .MGR-Training And Development Managers
113051 .MGR-Industrial Production Managers
113061 .MGR-Purchasing Managers
113071 .MGR-Transportation, Storage, And Distribution Managers
119013 .MGR-Farmers, Ranchers, And Other Agricultural Managers
119021 .MGR-Construction Managers
119030 .MGR-Education And Childcare Administrators
119041 .MGR-Architectural And Engineering Managers
119051 .MGR-Food Service Managers
119070 .MGR-Entertainment And Recreation Managers
119081 .MGR-Lodging Managers
119111 .MGR-Medical And Health Services Managers
119121 .MGR-Natural Sciences Managers
119141 .MGR-Property, Real Estate, And Community Association Managers
119151 .MGR-Social And Community Service Managers
119161 .MGR-Emergency Management Directors
1191XX .MGR-Other Managers
131011 .BUS-Agents And Business Managers Of Artists, Performers, And Athletes
131021 .BUS-Buyers And Purchasing Agents, Farm Products
131022 .BUS-Wholesale And Retail Buyers, Except Farm Products
131023 .BUS-Purchasing Agents, Except Wholesale, Retail, And Farm Products
131030 .BUS-Claims Adjusters, Appraisers, Examiners, And Investigators
131041 .BUS-Compliance Officers
131051 .BUS-Cost Estimators
131070 .BUS-Human Resources Workers
131081 .BUS-Logisticians
131082 .BUS-Project Management Specialists
131111 .BUS-Management Analysts
131121 .BUS-Meeting Convention, And Event Planners
131131 .BUS-Fundraisers
131141 .BUS-Compensation, Benefits, And Job Analysis Specialists
131151 .BUS-Training And Development Specialists
131161 .BUS-Market Research Analysts And Marketing Specialists
131199 .BUS-Business Operations Specialists, All Other
132011 .FIN-Accountants And Auditors
132020 .FIN-Property Appraisers And Assessors
132031 .FIN-Budget Analysts
132041 .FIN-Credit Analysts
132051 .FIN-Financial Analysts
132052 .FIN-Personal Financial Advisors
132053 .FIN-Insurance Underwriters
132061 .FIN-Financial Examiners
132070 .FIN-Credit Counselors And Loan Officers
132081 .FIN-Tax Examiners And Collectors, And Revenue Agents
132082 .FIN-Tax Preparers
1320XX .FIN-Other Financial Specialists
151221 .CMM-Computer And Information Research Scientists
151211 .CMM-Computer Systems Analysts
151212 .CMM-Information Security Analysts
151251 .CMM-Computer Programmers
151252 .CMM-Software Developers
151253 .CMM-Software Quality Assurance Analysts And Testers
151254 .CMM-Web Developers
151255 .CMM-Web And Digital Interface Designers
151230 .CMM-Computer Support Specialists
15124X .CMM-Database Administrators And Architects
151244 .CMM-Network And Computer Systems Administrators
151241 .CMM-Computer Network Architects
151299 .CMM Computer Occupations, All Other
152011 .CMM-Actuaries
152031 .CMM-Operations Research Analysts
1520XX .CMM-Other Mathematical Science Occupations
171011 .ENG-Architects, Except Landscape And Naval
171012 .ENG-Landscape Architects
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-Other Engineers
173011 ENG-Architectural And Civil Drafters
17301X ENG-Other Drafters
173023 ENG-Electrical and Electronic Engineering Technologists And Technicians
17302X ENG-Other Engineering Technologists And 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
192041 SCI-Environmental Scientists And Specialists, Including Health
19204X .SCI-Geoscientists And Hydrologists, Except Geographers
192099 SCI-Physical Scientists, All Other
193011 SCI-Economists
193033 SCI-Clinical And Counseling Psychologists
193034 SCI-School Psychologists
19303X SCI-Other Psychologists
193051 SCI-Urban And Regional Planners
1930XX .Other Social Scientists
194010 SCI Agricultural And Food Science Technicians
194021 SCI-Biological Technicians
194031 SCI-Chemical Technicians
1940XX SCI-Environmental Science And Geoscience Technicians, And Nuclear Technicians
1940YY SCI-Other Life, Physical, And Social Science Technicians
195010 SCI-Occupational Health And Safety Specialists And Technicians
211011 CMS-Substance Abuse And Behavioral Disorder Counselors
211012 CMS-Educational, Guidance, And Career Counselors And Advisors
211013 CMS-Marriage And Family Therapists
211014 CMS-Mental Health Counselors
211015 CMS-Rehabilitation Counselors
211019 CMS-Counselors, All Other
211021 CMS-Child, Family, And School Social Workers
211022 CMS-Healthcare Social Workers
211023 CMS-Mental Health And Substance Abuse Social Workers
211029 CMS-Social Workers All Other
211092 CMS-Probation Officers And Correctional Treatment Specialists
211093 CMS-Social And Human Service Assistants
21109X CMS-Other Community And Social Service Specialists
212011 CMS-Clergy
212021 CMS-Directors, Religious Activities And Education
212099 CMS-Religious Workers, All Other
2310XX LGL-Lawyers, And Judges, Magistrates, And Other Judicial Workers
231012 LGL-Judicial Law Clerks
232011 LGL-Paralegals And Legal Assistants
232093 .LGL-Title Examiners, Abstractors, And Searchers
232099 .LGL-Legal Support Workers, All Other
251000 .EDU-Postsecondary Teachers
252010 .EDU-Pre-school And Kindergarten Teachers
252020 .EDU-Elementary And Middle School Teachers
252030 .EDU-Secondary School Teachers
252050 .EDU-Special Education Teachers
253041 .EDU-Tutors
2530XX .EDU-Other Teachers And Instructors
254010 .EDU-Archivists, Curators, And Museum Technicians
254022 .EDU-Librarians And Media Collections Specialists
254031 .EDU-Library Technicians
259040 .EDU-Teaching Assistants
2590XX .EDU-Other Educational Instruction and Library Workers
271010 .ENT-Artists And Related Workers
271021 .ENT-Commercial And Industrial Designers
271022 .ENT-Fashion Designers
271023 .ENT-Floral Designers
271024 .ENT-Graphic Designers
271025 .ENT-Interior Designers
271026 .ENT-Merchandise Displayers And Windows Trimmers
27102X .ENT-Other Designers
272011 .ENT-Actors
272012 .ENT-Producers And Directors
272021 .ENT-Athletes And Sports Competitors
272022 .ENT-Coaches And Scouts
272023 .ENT-Umpires, Referees, And Other Sports Officials
272030 .ENT-Dancers And Choreographers
272041 .ENT-Music Directors And Composers
272042 .ENT-Musicians And Singers
272091 .ENT-Disc Jockeys, Except Radio
272099 .ENT-Entertainers And Performers, Sports And Related Workers, All Other
273011 .ENT-Broadcast Announcers And Radio Disc Jockeys
273023 .ENT-News Analysts, Reporters, And Journalists
273031 .ENT-Public Relations Specialists
273041 .ENT-Editors
273042 .ENT-Technical Writers
273043 .ENT-Writers And Authors
273091 .ENT-Interpreters And Translators
273092 .ENT-Court Reporters And Simultaneous Captioners
273099 .ENT-Media And Communications Workers, All Other
2740XX .ENT-Other Media And Communication Equipment Workers
274021 .ENT-Photographers
274030 .ENT-Television, Video, And Motion Picture Camera Operators And Editors
291000 .MED-Chiropractors
291020 .MED-Dentists
291031 .MED-Dietitians And Nutritionists
291041 .MED-Optometrists
291051 .MED-Pharmacists
291210 .MED-Physicians
291240 .MED-Surgeons
291071 .MED-Physician Assistants
291081 .MED-Podiatrists
291122 .MED-Occupational Therapists
291123 .MED-Physical Therapists

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<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>291124</td>
<td>MED-Radiation Therapists</td>
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<td>MED-Recreational Therapists</td>
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<td>291127</td>
<td>MED-Speech-Language Pathologists</td>
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<td>MED-Other Therapists</td>
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<td>MED-Veterinarians</td>
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<td>MED-Registered Nurses</td>
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<td>MED-Nurse Anesthetists</td>
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<td>MED-Audiologists</td>
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<td>MED-Nurse Practitioners And Nurse Midwives</td>
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<td>MED-Acupuncturists</td>
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<td>MED-Healthcare Diagnosing Or Treating Practitioners, All Other</td>
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<td>MED-Clinical Laboratory Technologists And Technicians</td>
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<td>MED-Cardiovascular Technologists And Technicians</td>
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<td>292032</td>
<td>MED-Diagnostic Medical Sonographers</td>
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<td>MED-Radiologic Technologists And Technicians</td>
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<td>292035</td>
<td>MED-Magnetic Resonance Imaging Technologists</td>
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<td>MED-Nuclear Medicine Technologists And Medical Dosimetrists</td>
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<td>MED-Emergency Medical Technicians</td>
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<td>MED-Pharmacy Technicians</td>
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<td>MED-Surgical Technologists</td>
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<td>MED-Dietetic Technicians And Ophthalmic Medical Technicians</td>
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<td>MED-Licensed Practical And Licensed Vocational Nurses</td>
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<td>MED-Medical Records Specialists</td>
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<td>MED-Opticians, Dispensing</td>
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<td>MED-Miscellaneous Health Technologists And Technicians</td>
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<td>MED-Other Healthcare Practitioners And Technical Occupations</td>
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<td>311121</td>
<td>HLS-Home Health Aides</td>
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<td>HLS-Personal Care Aides</td>
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<td>HLS-Nursing Assistants</td>
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<td>31113X</td>
<td>HLS-Orderlies And Psychiatric Aides</td>
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<td>HLS-Occupational Therapy Assistants And Aides</td>
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<td>HLS-Veterinary Assistants And Laboratory Animal Caretakers</td>
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<td>HLS-Other Healthcare Support Workers</td>
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<td>331011</td>
<td>PRT-First-Line Supervisors Of Correctional Officers</td>
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<tr>
<td>331012</td>
<td>PRT-First-Line Supervisors Of Police And Detectives</td>
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<tr>
<td>331021</td>
<td>PRT-First-Line Supervisors Of Fire Fighting And Prevention Workers</td>
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<td>331090</td>
<td>PRT-Miscellaneous First-Line Supervisors, Protective Service Workers</td>
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<td>332011</td>
<td>PRT-Firefighters</td>
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<td>332020</td>
<td>.PRT-Fire Inspectors</td>
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<td>333011</td>
<td>.PRT-Bailiffs</td>
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<td>333012</td>
<td>.PRT-Correctional Officers And Jailers</td>
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<tr>
<td>333021</td>
<td>.PRT-Detectives And Criminal Investigators</td>
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<tr>
<td>3330XX</td>
<td>.PRT-Fish And Game Wardens And Parking Enforcement Officers</td>
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<td>.PRT-Police Officers</td>
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<td>.PRT-Animal Control Workers</td>
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<td>339021</td>
<td>.PRT-Private Detectives And Investigators</td>
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<td>.PRT-Security Guards And Gaming Surveillance Officers</td>
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<td>.PRT-Crossing Guards And Flaggers</td>
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<td>.PRT-Transportation Security Screeners</td>
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<td>.EAT-Chefs And Head Cooks</td>
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<td>.EAT-First-Line Supervisors Of Food Preparation And Serving Workers</td>
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<td>.EAT-Cooks</td>
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<td>.EAT-Food Preparation Workers</td>
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<td>.EAT-Bartenders</td>
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<td>353023</td>
<td>.EAT-Fast Food And Counter Workers</td>
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<td>.EAT-Waiters And Waitresses</td>
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<td>.EAT-Food Servers, Nonrestaurant</td>
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<td>.EAT-Dining Room And Cafeteria Attendants And Bartender Helpers.</td>
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<td>.EAT-Dishwashers</td>
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<td>.EAT-Hosts And Hostesses, Restaurant, Lounge, And Coffee Shop</td>
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<td>.EAT-Food Preparation And Serving Related Workers, All Other.</td>
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<td>.CLN-First-Line Supervisors Of Housekeeping And Janitorial Workers</td>
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<td>.CLN-First-Line Supervisors Of Landscaping, Lawn Service, And Groundskeeping Workers</td>
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<td>.CLN-Janitors And Building Cleaners</td>
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<td>.CLN-Tree Trimmers And Pruners</td>
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<td>.PRS-Supervisors Of Personal Care And Service Workers</td>
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<td>.PRS-Animal Trainers</td>
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<td>.PRS-Ushers, Lobby Attendants, And Ticket Takers</td>
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<td>.PRS-Other Entertainment Attendants And Related Workers</td>
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<td>.PRS-Morticians, Undertakers, And Funeral Arrangers</td>
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<td>.PRS-Embalmers, Crematory Operators, And Funeral Attendants</td>
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<td>.PRS-Barbers</td>
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<td>.PRS-Hairdressers, Hairstylists, And Cosmetologists</td>
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<td>.PRS-Baggage Porters, Bellhops, And Concierges</td>
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<td>.PRS-Tour And Travel Guides</td>
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<td>399031</td>
<td>.PRS-Exercise Trainers And Group Fitness Instructors</td>
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<td>.SAL-Insurance Sales Agents</td>
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<td>.SAL-Securities, Commodities, And Financial Services Sales</td>
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<td>.SAL-Sales Representatives, Wholesale And Manufacturing</td>
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<td>.SAL-Models, Demonstrators, And Product Promoters</td>
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<td>.OFF-Switchboard Operators, Including Answering Service</td>
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<td>.OFF-Telephone Operators</td>
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<td>.OFF-Communications Equipment Operators, All Other</td>
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<td>.OFF-Bill And Account Collectors</td>
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<td>.OFF-Billing And Posting Clerks</td>
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<td>.OFF-Bookkeeping, Accounting, And Auditing Clerks</td>
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<td>.OFF-Payroll And Timekeeping Clerks</td>
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<td>433061</td>
<td>.OFF-Procurement Clerks</td>
</tr>
<tr>
<td>433071</td>
<td>.OFF-Tellers</td>
</tr>
<tr>
<td>4330XX</td>
<td>.OFF-Other Financial Clerks</td>
</tr>
<tr>
<td>434031</td>
<td>.OFF-Court, Municipal, And License Clerks</td>
</tr>
<tr>
<td>434041</td>
<td>.OFF-Credit Authorizers, Checkers, And Clerks</td>
</tr>
<tr>
<td>434051</td>
<td>.OFF-Customer Service Representatives</td>
</tr>
<tr>
<td>434061</td>
<td>.OFF-Eligibility Interviewers, Government Programs</td>
</tr>
<tr>
<td>434071</td>
<td>.OFF-File Clerks</td>
</tr>
<tr>
<td>434081</td>
<td>.OFF-Hotel, Motel, And Resort Desk Clerks</td>
</tr>
<tr>
<td>434111</td>
<td>.OFF-Interviewers, Except Eligibility And Loan</td>
</tr>
<tr>
<td>434121</td>
<td>.OFF-Library Assistants, Clerical</td>
</tr>
<tr>
<td>434131</td>
<td>.OFF-Loan Interviewers And Clerks</td>
</tr>
<tr>
<td>434141</td>
<td>.OFF-New Accounts Clerks</td>
</tr>
<tr>
<td>434XXX</td>
<td>.OFF-Correspondence Clerks And Order Clerks</td>
</tr>
<tr>
<td>434161</td>
<td>.OFF-Human Resources Assistants, Except Payroll And Timekeeping</td>
</tr>
<tr>
<td>434171</td>
<td>.OFF-Receptionists And Information Clerks</td>
</tr>
<tr>
<td>434181</td>
<td>.OFF-Reservation And Transportation Ticket Agents And Travel Clerks</td>
</tr>
<tr>
<td>434YYY</td>
<td>.OFF-Other Information And Records Clerks</td>
</tr>
<tr>
<td>435011</td>
<td>.OFF-Cargo And Freight Agents</td>
</tr>
<tr>
<td>435021</td>
<td>.OFF-Couriers And Messengers</td>
</tr>
<tr>
<td>435031</td>
<td>.OFF-Public Safety Telecommunicators</td>
</tr>
</tbody>
</table>
435032 .OFF-Dispatchers, Except Police, Fire, And Ambulance
435041 .OFF-Meter Readers, Utilities
435051 .OFF-Postal Service Clerks
435052 .OFF-Postal Service Mail Carriers
435053 .OFF-Postal Service Mail Sorters, Processors, And Processing Machine Operators
435061 .OFF-Production, Planning, And Expediting Clerks
435071 .OFF-Shipping, Receiving, And Traffic Clerks
435111 .OFF-Weighers, Measurers, Checkers, And Sampers, Recordkeeping
436011 .OFF-Executive Secretaries And Executive Administrative Assistants
436012 .OFF-Legal Secretaries And Administrative Assistants
436013 .OFF-Medical Secretaries And Administrative Assistants
436014 .OFF-Secretaries And Administrative, Except Legal, Medical, And Executive
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-Other Office And Administrative Support Workers
451011 .FFF-First-Line Supervisors Of Farming, Fishing, And Forestry Workers
452011 .FFF-Agricultural Inspectors
452041 .FFF-Graders And Sorters, Agricultural Products
4520XX .FFF-Other Agricultural Workers
453031 .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-Carpert, Floor, And Tile Installers And Finishers
472050 .CON-Cement Masons, Concrete Finishers, And Terrazzo Workers
472061 .CON-Construction Laborers
472070 .CON-Construction 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
472151 .CON-Pipelayers
472152 .CON-Plumbers, Pipefitters, And Steamfitters
472161 .CON-Plasterers And Stucco Masons
472181 .CON-Roofers
472211 .CON-Sheet Metal Workers
472221 .CON-Structural Iron And Steel Workers
472231 .CON-Solar Photovoltaic Installers
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>4990XX</td>
<td>RPR-Other Installation, Maintenance, And Repair Workers</td>
</tr>
<tr>
<td>511011</td>
<td>PRD-First-Line Supervisors Of Production And Operating</td>
</tr>
<tr>
<td>.Workers</td>
<td></td>
</tr>
<tr>
<td>512020</td>
<td>PRD-Electrical, Electronics, And Electromechanical</td>
</tr>
<tr>
<td>.Assemblers</td>
<td></td>
</tr>
<tr>
<td>512031</td>
<td>PRD-Engine And Other Machine Assemblers</td>
</tr>
<tr>
<td>512041</td>
<td>PRD-Structural Metal Fabricators And Fitters</td>
</tr>
<tr>
<td>5120XX</td>
<td>PRD-Other Assemblers and Fabricators</td>
</tr>
<tr>
<td>513011</td>
<td>PRD-Bakers</td>
</tr>
<tr>
<td>513020</td>
<td>PRD-Butchers And Other Meat, Poultry, And Fish Processing</td>
</tr>
<tr>
<td>.Workers</td>
<td></td>
</tr>
<tr>
<td>513091</td>
<td>PRD-Food And Tobacco Roasting, Baking, And Drying Machine</td>
</tr>
<tr>
<td>.Operators And Tenders</td>
<td></td>
</tr>
<tr>
<td>513092</td>
<td>PRD-Food Batchmakers</td>
</tr>
<tr>
<td>513093</td>
<td>PRD-Food Cooking Machine Operators And Tenders</td>
</tr>
<tr>
<td>513099</td>
<td>PRD-Food Processing Workers, All Other</td>
</tr>
<tr>
<td>519160</td>
<td>PRD-Computer Numerically Controlled Tool Operators And</td>
</tr>
<tr>
<td>.Programmers</td>
<td></td>
</tr>
<tr>
<td>514020</td>
<td>PRD-Forming Machine Setters, Operators, And Tenders,</td>
</tr>
<tr>
<td>.Metal And Plastic</td>
<td></td>
</tr>
<tr>
<td>514031</td>
<td>PRD-Cutting, Punching, And Press Machine Setters,</td>
</tr>
<tr>
<td>.Operators, And Tenders, Metal And Plastic</td>
<td></td>
</tr>
<tr>
<td>514033</td>
<td>PRD-Grinding, Lapping, Polishing, And Buffing Machine Tool</td>
</tr>
<tr>
<td>.Setters, Operators, And Tenders, Metal and Plastic</td>
<td></td>
</tr>
<tr>
<td>51403X</td>
<td>PRD-Other Machine Tool Setters, Operators, And Tenders,</td>
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<tr>
<td>.Metal And Plastic</td>
<td></td>
</tr>
<tr>
<td>514041</td>
<td>PRD-Machinists</td>
</tr>
<tr>
<td>514050</td>
<td>PRD-Metal Furnace Operators, Tenders, Pourers, And</td>
</tr>
<tr>
<td>.Casters</td>
<td></td>
</tr>
<tr>
<td>5140XX</td>
<td>PRD-Model Makers, Patternmakers, And Molding Machine</td>
</tr>
<tr>
<td>.Setters, Metal And Plastic</td>
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</tr>
<tr>
<td>514111</td>
<td>PRD-Tool And Die Makers</td>
</tr>
<tr>
<td>514120</td>
<td>PRD-Welding, Soldering, And Brazing Workers</td>
</tr>
<tr>
<td>514XXX</td>
<td>PRD-Other Metal Workers And Plastic Workers</td>
</tr>
<tr>
<td>515111</td>
<td>PRD-Prepress Technicians And Workers</td>
</tr>
<tr>
<td>515112</td>
<td>PRD-Printing Press Operators</td>
</tr>
<tr>
<td>515113</td>
<td>PRD-Print Binding And Finishing Workers</td>
</tr>
<tr>
<td>516011</td>
<td>PRD-Laundry And Dry-Cleaning Workers</td>
</tr>
<tr>
<td>516021</td>
<td>PRD-Pressers, Textile, Garment, And Related Materials</td>
</tr>
<tr>
<td>516031</td>
<td>PRD-Sewing Machine Operators</td>
</tr>
<tr>
<td>516040</td>
<td>PRD-Shoe And Leather Workers</td>
</tr>
<tr>
<td>516050</td>
<td>PRD-Tailors, Dressmakers, And Sewers</td>
</tr>
<tr>
<td>516060</td>
<td>PRD-Textile Machine Setters, Operators, And Tenders</td>
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<tr>
<td>516093</td>
<td>PRD-Upholsterers</td>
</tr>
<tr>
<td>51609X</td>
<td>PRD-Other Textile, Apparel, And Furnishing Workers</td>
</tr>
<tr>
<td>517011</td>
<td>PRD-Cabinetmakers And Bench Carpenters</td>
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<tr>
<td>517021</td>
<td>PRD-Furniture Finishers</td>
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<tr>
<td>517041</td>
<td>PRD-Sawing Machine Setters, Operators, And Tenders, Wood</td>
</tr>
<tr>
<td>517042</td>
<td>PRD-Woodworking Machine Setters, Operators, And Tenders,</td>
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<tr>
<td>.Except Sawing</td>
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<tr>
<td>5170XX</td>
<td>PRD-Other Woodworkers</td>
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<tr>
<td>518010</td>
<td>PRD-Power Plant Operators, Distributors, And Dispatchers</td>
</tr>
<tr>
<td>518021</td>
<td>PRD-Stationary Engineers And Boiler Operators</td>
</tr>
<tr>
<td>518031</td>
<td>PRD-Water And Wastewater Treatment Plant And System</td>
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<tr>
<td>.Operators</td>
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</tr>
<tr>
<td>518090</td>
<td>PRD-Miscellaneous Plant And System Operators</td>
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<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>519010</td>
<td>.PRD-Chemical Processing Machine Setters, Operators, And Tenders</td>
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<tr>
<td>519010</td>
<td>.PRD-Crushing, Grinding, Polishing, Mixing, And Blending Workers</td>
</tr>
<tr>
<td>519030</td>
<td>.PRD-Cutting Workers</td>
</tr>
<tr>
<td>519041</td>
<td>.PRD-Extruding, Forming, Pressing, And Compacting Machine Setters, Operators, And Tenders</td>
</tr>
<tr>
<td>519051</td>
<td>.PRD-Furnace, Kiln, Oven, Drier, And Kettle Operators And Tenders</td>
</tr>
<tr>
<td>519061</td>
<td>.PRD-Inspectors, Testers, Sorters, Samplers, And Weighers</td>
</tr>
<tr>
<td>519071</td>
<td>.PRD-Jewelers And Precious Stone And Metal Workers</td>
</tr>
<tr>
<td>519080</td>
<td>.Dental And Ophthalmic Laboratory Technicians And Medical Appliance Technicians</td>
</tr>
<tr>
<td>519111</td>
<td>.PRD-Packaging And Filling Machine Operators And Tenders</td>
</tr>
<tr>
<td>519120</td>
<td>.PRD-Painting Workers</td>
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<tr>
<td>519151</td>
<td>.PRD-Photographic Process Workers And Processing Machine Operators</td>
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<tr>
<td>519191</td>
<td>.PRD-Adhesive Bonding Machine Operators And Tenders</td>
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<tr>
<td>519194</td>
<td>.PRD-Etchers And Engravers</td>
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<tr>
<td>519195</td>
<td>.PRD-Molders, Shapers, And Casters, Except Metal And Plastic</td>
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<tr>
<td>519196</td>
<td>.PRD-Paper Goods Machine Setters, Operators, And Tenders</td>
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<tr>
<td>519197</td>
<td>.PRD-Tire Builders</td>
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<td>519198</td>
<td>.PRD-Helpers-Production Workers</td>
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<tr>
<td>5191XX</td>
<td>.PRD-Miscellaneous Production Workers, Including Equipment Operators and Tenders</td>
</tr>
<tr>
<td>531000</td>
<td>.TRN-Supervisors Of Transportation And Material Moving Workers</td>
</tr>
<tr>
<td>532010</td>
<td>.TRN-Aircraft Pilots And Flight Engineers</td>
</tr>
<tr>
<td>532020</td>
<td>.TRN-Air Traffic Controllers And Airfield Operations Specialists</td>
</tr>
<tr>
<td>532031</td>
<td>.TRN-Flight Attendants</td>
</tr>
<tr>
<td>533011</td>
<td>.TRN-Ambulance Drivers And Attendants, Except Emergency Medical Technicians</td>
</tr>
<tr>
<td>533051</td>
<td>.TRN-Bus Drivers, School</td>
</tr>
<tr>
<td>533052</td>
<td>.TRN-Bus Drivers, Transit And Intercity</td>
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<tr>
<td>533030</td>
<td>.TRN- Driver/Sales Workers And Truck Drivers</td>
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<tr>
<td>533053</td>
<td>.TRN-Shuttle Drivers and Chauffeurs</td>
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<tr>
<td>533054</td>
<td>.TRN-Taxi Drivers</td>
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<tr>
<td>533099</td>
<td>.TRN-Motor Vehicle Operators, All Other</td>
</tr>
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<td>534010</td>
<td>.TRN-Locomotive Engineers And Operators</td>
</tr>
<tr>
<td>534031</td>
<td>.TRN-Railroad Conductors And Yardmasters</td>
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<tr>
<td>5340XX</td>
<td>.TRN-Other Rail Transportation Workers</td>
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<tr>
<td>5350XX</td>
<td>.TRN-Sailors And Marine Oilers, And Ship Engineers</td>
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<tr>
<td>535020</td>
<td>.TRN-Ship And Boat Captains And Operators</td>
</tr>
<tr>
<td>536021</td>
<td>.TRN-Parking Lot Attendants</td>
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<tr>
<td>536030</td>
<td>.TRN-Transportation Service Attendants</td>
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<tr>
<td>536051</td>
<td>.TRN-Transportation Inspectors</td>
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<td>536061</td>
<td>.TRN-Passenger Attendants</td>
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<td>.TRN-Other Transportation Workers</td>
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<td>537021</td>
<td>.TRN-Crane And Tower Operators</td>
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<tr>
<td>5370XX</td>
<td>.TRN-Conveyor, Dredge, And Hoist And Winch Operators</td>
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<td>537051</td>
<td>.TRN-Industrial Truck And Tractor Operators</td>
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<tr>
<td>537061</td>
<td>.TRN-Cleaners Of Vehicles And Equipment</td>
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<tr>
<td>537062</td>
<td>.TRN-Laborers And Freight, Stock, And Material Movers, Hand</td>
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<tr>
<td>537063</td>
<td>.TRN-Machine Feeders And Offbearers</td>
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</tbody>
</table>
537064 .TRN-Packers And Packagers, Hand
537065 .TRN-Stockers And Order Fillers
537070 .TRN-Pumping Station Operators
537081 .TRN-Refuse And Recyclable Material Collectors
5371XX .TRN-Other Material Moving Workers
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)
 01 .Gulf War: 9/2001 or later
 03 .Gulf War: 9/2001 or later and Gulf War: 8/1990 – 8/2001 and
  Vietnam Era
 06 .Vietnam Era
 07 .Vietnam Era and Korean War
 08 .Vietnam Era, Korean War, and WWII
 09 .Korean War
 10 .Korean War and WWII
 11 .WWII
 12 .Between Gulf War and Vietnam Era only
 13 .Between Vietnam Era and Korean War only
 14 .Between Korean War and World War II only
 15 .Pre-WWII only

WAOB Character 1
World area of birth
 1 .US state (POB = 001-059)
 2 .PR and US Island Areas (POB = 061-099, also includes POB=060
 for 2017 or earlier)
 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, also includes POB=060 for
 2018 or later)

PERSON RECORD-ALLOCATION FLAGS

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

FANCP Character 1
Ancestry allocation flag
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

FENGP  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

FHIISP  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

FJWMNFP  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

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

FPINCP  Character  1
Total person's income (signed) allocation flag
0 .No
1 .Yes
FPOBP  Character  1  
Place of birth allocation flag  
0 .No  
1 .Yes  

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

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

FFUBCOVP  Character  1  
Public health coverage recode allocation flag  
0 .No  
1 .Yes  

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

FRELP  Character  1  
Relationship allocation flag  
0 .No  
1 .Yes  

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

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

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

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

FSEMP  Character  1  
Self-employment income allocation flag  
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**PERSON RECORD-REPLICATE WEIGHTS**

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Person Weight replicate 33
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Person Weight replicate 35
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Person Weight replicate 36
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