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
2020GQ0000001..2020GQ9999999 . GQ Unique identifier
2020HU0000001..2020HU9999999 . HU Unique identifier

DIVISION  Character  1
Division code based on 2010 Census definitions
0 . Puerto Rico
1 . New England (Northeast region)
2 . Middle Atlantic (Northeast region)
3 . East North Central (Midwest region)
4 . West North Central (Midwest region)
5 . South Atlantic (South region)
6 . East South Central (South region)
7 . West South Central (South Region)
8 . Mountain (West region)
9 . Pacific (West region)

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

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

ST  Character  2
State Code based on 2010 Census definitions
01 . Alabama/AL
02 . Alaska/AK
04 . Arizona/AZ
05 . Arkansas/AR
06 . California/CA
08 . Colorado/CO
09 . Connecticut/CT
10 .Delaware/DE
11 .District of Columbia/DC
12 .Florida/FL
13 .Georgia/GA
15 .Hawaii/HI
16 .Idaho/ID
17 .Illinois/IL
18 .Indiana/IN
19 .Iowa/IA
20 .Kansas/KS
21 .Kentucky/KY
22 .Louisiana/LA
23 .Maine/ME
24 .Maryland/MD
25 .Massachusetts/MA
26 .Michigan/MI
27 .Minnesota/MN
28 .Mississippi/MS
29 .Missouri/MO
30 .Montana/MT
31 .Nebraska/NE
32 .Nevada/NV
33 .New Hampshire/NH
34 .New Jersey/NJ
35 .New Mexico/NM
36 .New York/NY
37 .North Carolina/NC
38 .North Dakota/ND
39 .Ohio/Oh
40 .Oklahoma/OK
41 .Oregon/OR
42 .Pennsylvania/PA
44 .Rhode Island/RI
45 .South Carolina/SC
46 .South Dakota/SD
47 .Tennessee/TN
48 .Texas/TX
49 .Utah/UT
50 .Vermont/VT
51 .Virginia/VA
53 .Washington/WA
54 .West Virginia/WV
55 .Wisconsin/WI
56 .Wyoming/WY
72 .Puerto Rico/PR

ADJHSG Character 7
Adjustment factor for housing dollar amounts (6 implied decimal places)
1000000 .2020 factor (1.000000)

ADJINC Character 7
Adjustment factor for income and earnings dollar amounts (6 implied decimal places)
1006149 .2020 factor (1.006149)

WGTP Numeric 5
Housing Unit Weight
0 .Group quarters place holder record
1..9999 .Integer weight of housing unit

NP  Numeric  2
Number of persons in this household
0 .Vacant unit
1 .One person in household or any person in group quarters
2..20 .Number of persons in household

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

HOUSING RECORD—HOUSING UNIT VARIABLES

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

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

AGS  Character  1
Sales of Agriculture Products (yearly sales, no adjustment factor is applied)
b .N/A (GQ/vacant/not a one family house or mobile home/less than .1 acre)
1 .None
2 .$ 1 - $ 999
3 .$ 1000 - $ 2499
4 .$ 2500 - $ 4999
5 .$ 5000 - $ 9999
6 .$10000+

BATH  Character  1
Bathtub or shower
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.

**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

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

**CONP**  **Numeric 4**
Condominium 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
2 .No

**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 4**
Electricity cost (monthly cost, use ADJHSG to adjust ELEP to constant dollars)
bbbb .N/A (GQ/vacant/included in rent or in condo fee/no charge or electricity not used)
3..9999 .$3 to $9999 (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 4**  
Gas cost (monthly cost, use ADJHSG to adjust GASP to constant dollars)
- bbbbb .N/A (GQ/vacant/included in rent or in condo fee/included in electricity payment/no charge or gas not used)
- 4..9999 .$4 to $9999 (Rounded and top-coded)

**HFL**  
**Character 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, 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)
1..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)

N/A (GQ/vacant/not owned or being bought/no second or junior mortgages or home equity loans)
1..99999 .$1 to $99999 (Rounded and top-coded)

STOV  Character  1
Stove or range

N/A (GQ)
1 .Yes
2 .No

TABLET  Character  1
Tablet or other portable wireless computer

N/A (GQ/vacant)
1 .Yes
2 .No

TEL  Character  1
Telephone service

N/A (GQ/vacant)
1 .Yes
2 .No

TEN  Character  1
Tenure

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

VACDUR  Character  1
Vacancy duration

N/A (GQ/occupied)
1 .Less than 1 month
2 .1 up to 2 months
3 .2 up to 4 months
4 .4 up to 6 months
5 .6 up to 12 months
6 .12 up to 24 months
7 .24 months or more

VACOTH  Character  2
Other vacancy status

N/A (GQ/occupied/vacant with a response for VACS besides 'other vacant')
01 .Foreclosure
02 .Personal/family reasons
03 .Legal proceedings
04 .Preparing to rent/sell
05 .Held for storage of household furniture
06 .Needs repairs
07 .Currently being repaired/renovated
08 .Specific use housing
<table>
<thead>
<tr>
<th>VACS Character 1</th>
<th>Vacancy status</th>
</tr>
</thead>
<tbody>
<tr>
<td>b</td>
<td>N/A (GQ/occupied)</td>
</tr>
<tr>
<td>1</td>
<td>For rent</td>
</tr>
<tr>
<td>2</td>
<td>Rented, not occupied</td>
</tr>
<tr>
<td>3</td>
<td>For sale only</td>
</tr>
<tr>
<td>4</td>
<td>Sold, not occupied</td>
</tr>
<tr>
<td>5</td>
<td>For seasonal/recreational/occasional use</td>
</tr>
<tr>
<td>6</td>
<td>For migrant workers</td>
</tr>
<tr>
<td>7</td>
<td>Other vacant</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VALP Numeric 7</th>
<th>Property value</th>
</tr>
</thead>
<tbody>
<tr>
<td>bbbbbbbb</td>
<td>N/A (GQ/vacant units, except 'for-sale-only' and 'sold, not occupied'/not owned or being bought)</td>
</tr>
<tr>
<td>1..9999999</td>
<td>$1 to $9999999 (Rounded and top-coded)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VEH Character 1</th>
<th>Vehicles (1 ton or less) available</th>
</tr>
</thead>
<tbody>
<tr>
<td>b</td>
<td>N/A (GQ/vacant)</td>
</tr>
<tr>
<td>0</td>
<td>No vehicles</td>
</tr>
<tr>
<td>1</td>
<td>1 vehicle</td>
</tr>
<tr>
<td>2</td>
<td>2 vehicles</td>
</tr>
<tr>
<td>3</td>
<td>3 vehicles</td>
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<td>4</td>
<td>4 vehicles</td>
</tr>
<tr>
<td>5</td>
<td>5 vehicles</td>
</tr>
<tr>
<td>6</td>
<td>6 or more vehicles</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WATFP Character 1</th>
<th>Water cost flag variable</th>
</tr>
</thead>
<tbody>
<tr>
<td>b</td>
<td>N/A (GQ/vacant)</td>
</tr>
<tr>
<td>1</td>
<td>Included in rent or in condo fee</td>
</tr>
<tr>
<td>2</td>
<td>No charge</td>
</tr>
<tr>
<td>3</td>
<td>Valid annual water cost in WATP</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WATP Numeric 4</th>
<th>Water cost (yearly cost, use ADJHSG to adjust WATP to constant dollars)</th>
</tr>
</thead>
<tbody>
<tr>
<td>bbbbb</td>
<td>N/A (GQ/vacant/included in rent or in condo fee/no charge)</td>
</tr>
<tr>
<td>3..9999</td>
<td>$3 to $9999 (Rounded and top-coded)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>YBL Character 2</th>
<th>When structure first built</th>
</tr>
</thead>
<tbody>
<tr>
<td>bb</td>
<td>N/A (GQ)</td>
</tr>
<tr>
<td>01</td>
<td>1939 or earlier</td>
</tr>
<tr>
<td>02</td>
<td>1940 to 1949</td>
</tr>
<tr>
<td>03</td>
<td>1950 to 1959</td>
</tr>
<tr>
<td>04</td>
<td>1960 to 1969</td>
</tr>
<tr>
<td>05</td>
<td>1970 to 1979</td>
</tr>
<tr>
<td>06</td>
<td>1980 to 1989</td>
</tr>
<tr>
<td>07</td>
<td>1990 to 1999</td>
</tr>
</tbody>
</table>
08 .2000 to 2004
09 .2005
10 .2006
11 .2007
12 .2008
13 .2009
14 .2010
15 .2011
16 .2012
17 .2013
18 .2014
19 .2015
20 .2016
21 .2017
22 .2018
23 .2019
24 .2020

HOUSING RECORD-HOUSEHOLD VARIABLES

CPLT Character 1
Couple Type
b .N/A (GQ/vacant/non-couple households)
1 .Opposite-sex husband/wife/spouse household
2 .Same-sex husband/wife/spouse household
3 .Opposite-sex unmarried partner household
4 .Same-sex unmarried partner household

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 7
Family income (past 12 months, use ADJINC to adjust FINCP to constant dollars)
bbbbbbb .N/A (GQ/vacant)
0 .No family income
-59999 .Loss of -$59,999 or more
-59998..-1 .Loss of $1 to -$59,998
1..9999999 .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)
- N/A (GQ/vacant/owned or being bought/occupied without rent payment)
- $1 - $99999 (Components are rounded)

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

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

**HHLANP**  
**Character 4**  
Detailed household language
- N/A (GQ/vacant)
- 1000 .Jamaican Creole English
- 1025 .Other English-based Creole languages
- 1055 .Haitian
- 1069 .Kabuverdianu
- 1110 .German
- 1120 .Swiss German
- 1125 .Pennsylvania German
- 1130 .Yiddish
- 1132 .Dutch
- 1134 .Afrikaans
- 1140 .Swedish
- 1141 .Danish
- 1142 .Norwegian
- 1155 .Italian
- 1170 .French
- 1175 .Cajun French
- 1200 .Spanish
- 1210 .Portuguese
- 1220 .Romanian
- 1231 .Irish
- 1235 .Greek
- 1242 .Albanian
- 1250 .Russian
- 1260 .Ukrainian
- 1262 .Czech
- 1263 .Slovak
- 1270 .Polish
1273. Bulgarian
1274. Macedonian
1275. Serbocroatian
1276. Bosnian
1277. Croatian
1278. Serbian
1281. Lithuanian
1283. Latvian
1288. Armenian
1290. Farsi
1292. Dari
1315. Kurdish
1327. Pashto
1340. India N.E.C.
1350. Hindi
1360. Urdu
1380. Bengali
1420. Punjabi
1435. Konkani
1440. Marathi
1450. Gujarati
1500. Nepali
1525. Pakistan N.E.C.
1530. Sinhala
1540. Other Indo-Iranian languages
1564. Other Indo-European languages
1565. Finnish
1582. Hungarian
1675. Turkish
1690. Mongolian
1730. Telugu
1737. Kannada
1750. Malayalam
1765. Tamil
1900. Khmer
1960. Vietnamese
1970. Chinese
2000. Mandarin
2030. Min Nan Chinese
2050. Cantonese
2100. Tibetan
2160. Burmese
2270. Chin languages
2350. Karen languages
2430. Thai
2475. Lao
2525. Iu Mien
2535. Hmong
2560. Japanese
2575. Korean
2715. Malay
2770. Indonesian
2850. Other languages of Asia
2910. Filipino
2920. Tagalog
2950. Cebuano
3150. Ilocano
3190 .Other Philippine languages
3220 .Chamorro
3270 .Marshallese
3350 .Chuukese
3420 .Samoa
3500 .Tongan
3570 .Hawaiian
3600 .Other Eastern Malayo-Polynesian languages
4500 .Arabic
4545 .Hebrew
4560 .Assyrian Neo-Aramaic
4565 .Chaldean Neo-Aramaic
4590 .Amharic
4640 .Tigrinya
4830 .Oromo
4840 .Somali
4880 .Other Afro-Asiatic languages
4900 .Nilo-Saharan languages
5150 .Swahili
5345 .Ganda
5525 .Shona
5645 .Other Bantu languages
5845 .Manding languages
5900 .Other Mande languages
5940 .Fulah
5950 .Wolof
6120 .Akan (incl. Twi)
6205 .Ga
6230 .Gbe languages
6290 .Yoruba
6300 .Edoid languages
6370 .Igbo
6500 .Other Niger-Congo languages
6795 .Other languages of Africa
6800 .Aleut languages
6839 .Ojibwa
6930 .Apache languages
6933 .Navajo
7019 .Dakota languages
7032 .Muskogeian languages
7039 .Keres
7050 .Cherokee
7060 .Uto-Aztecan languages
7124 .Other Native North American languages
7300 .Other Central and South American languages
9500 .English only household
9999 .Other and unspecified languages

HHH  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

**HHT2**

**Character 2**
Household/family type (includes cohabiting)

bb .N/A (GQ/vacant)
01. Married couple household with children of the householder less than 18
02. Married couple household, no children of the householder less than 18
03. Cohabiting couple household with children of the householder less than 18
04. Cohabiting couple household, no children of the householder less than 18
05. Female householder, no spouse/partner present, living alone
06. Female householder, no spouse/partner present, with children of the householder less than 18
07. Female householder, no spouse/partner present, with relatives, no children of the householder less than 18
08. Female householder, no spouse/partner present, only nonrelatives present
09. Male householder, no spouse/partner present, living alone
10. Male householder, no spouse/partner present, with children of the householder less than 18
11. Male householder, no spouse/partner present, with relatives, no children of the householder less than 18
12. Male householder, no spouse/partner present, only nonrelatives present

**HINCP**

**Numeric 7**
Household income (past 12 months, use ADJINC to adjust HINCP to constant dollars)

bbbbbbb .N/A (GQ/vacant)
0. No household income
-59999 .Loss of -$59,999 or more
-59998...-1 .Loss of $1 to -$59,998
1..9999999 .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

**HUPAOC**

**Character 1**
HH presence and age of own children

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

**HUPARC**

**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)
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

**NPP**

**Character 1**

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

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

NRC **Numeric 2**
Number of related children in household (unweighted)
b .N/A (GQ/vacant)
0 .No related children
1..19 .Number of related children in household

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

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

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

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

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

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

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

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

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

SMOCP  
Numeric  5
Selected monthly owner costs (use ADJHSG to adjust SMOCP to constant dollars)
b bbbb .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-only' 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.

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)
- N/A (GQ/vacant/not owned or being bought)
- $0 to $57500 (rounded and top-coded)

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

**WKEXREL**  Character  2
Work experience of householder and spouse
- N/A (GQ/vacant/not a family)
- Householder and spouse worked FT
- Householder worked FT; spouse worked less than FT
- Householder worked FT; spouse did not work
- Householder worked less than FT; spouse worked FT
- Householder worked less than FT; spouse worked less than FT
- Householder worked less than FT; spouse did not work
- Householder did not work; spouse worked FT
- Householder did not work; spouse did not work
- Male householder worked FT; no spouse present
- Male householder worked less than FT; no spouse present
- Male householder did not work; no spouse present
- Female householder worked FT; no spouse present
- Female householder worked less than FT; no spouse present
- Female householder did not work; no spouse present

**WORKSTAT**  Character  2
Work status of householder or spouse in family households
- N/A (GQ/not a family household/same-sex married-couple families)
- Husband and wife both in labor force, both employed or in Armed Forces
- Husband and wife both in labor force, husband employed or in Armed Forces, wife unemployed
- Husband in labor force and wife not in labor force, husband employed or in Armed Forces
- Husband and wife both in labor force, husband unemployed, wife employed or in Armed Forces
- Husband and wife both in labor force, husband unemployed, wife unemployed
- Husband in labor force, husband unemployed, wife not in labor force
- Husband not in labor force, wife in labor force, wife employed or in Armed Forces
- Husband not in labor force, wife in labor force, wife unemployed
- Neither husband nor wife in labor force
- Male householder with no wife present, householder in labor force, employed or in Armed Forces
- 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

FROADBNDP   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
FCONP  Character 1
Condominium fee (monthly amount) 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 cost (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 cost (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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**FRNTMP** Character 1
Meals included in rent allocation flag
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 for Puerto Rico
 b .N/A (GQ)
 0 .No
 1 .Yes

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

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

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

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  

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

FVACOTHLP  Character  1  
Other vacancy 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 cost (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 Weight replicate 1  
-9999..9999 .Integer weight of housing unit

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

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

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

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

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

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

**WGTP8**  
Numeric 5  
Housing Weight replicate 8  
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WGTP24 Numeric 5
Housing Weight replicate 24
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WGTP25 Numeric 5
Housing Weight replicate 25
-9999..9999 . Integer weight of housing unit

WGTP26 Numeric 5
Housing Weight replicate 26
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WGTP27 Numeric 5
Housing Weight replicate 27
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WGTP28 Numeric 5
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WGTP30 Numeric 5
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WGTP31 Numeric 5
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WGTP32 Numeric 5
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WGTP33 Numeric 5
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WGTP34 Numeric 5
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WGTP35 Numeric 5
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WGTP36 Numeric 5
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WGTP38 Numeric 5
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WGTP47 Numeric 5
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WGTP50 Numeric 5
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<td></td>
</tr>
</tbody>
</table>
WGTP65  Numeric  5
Housing Weight replicate 65
-9999..9999  Integer weight of housing unit

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

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

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

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

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

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

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

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

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

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

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

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

WGTP78  Numeric  5
Housing Weight replicate 78
-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
2020GQ0000001..2020GQ9999999 .GQ Unique identifier
2020HU0000001..2020HU9999999 .HU Unique identifier

DIVISION Character 1
Division code based on 2010 Census definitions
0 .Puerto Rico
1 .New England (Northeast region)
2 .Middle Atlantic (Northeast region)
3 .East North Central (Midwest region)
4 .West North Central (Midwest region)
5 .South Atlantic (South region)
6 .East South Central (South region)
7 .West South Central (South Region)
8 .Mountain (West region)
9 .Pacific (West region)

SPORDER Numeric 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
<table>
<thead>
<tr>
<th></th>
<th>State/Abbreviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>02</td>
<td>Alaska/AK</td>
</tr>
<tr>
<td>04</td>
<td>Arizona/AZ</td>
</tr>
<tr>
<td>05</td>
<td>Arkansas/AR</td>
</tr>
<tr>
<td>06</td>
<td>California/CA</td>
</tr>
<tr>
<td>08</td>
<td>Colorado/CO</td>
</tr>
<tr>
<td>09</td>
<td>Connecticut/CT</td>
</tr>
<tr>
<td>10</td>
<td>Delaware/DE</td>
</tr>
<tr>
<td>11</td>
<td>District of Columbia/DC</td>
</tr>
<tr>
<td>12</td>
<td>Florida/FL</td>
</tr>
<tr>
<td>13</td>
<td>Georgia/GA</td>
</tr>
<tr>
<td>15</td>
<td>Hawaii/HI</td>
</tr>
<tr>
<td>16</td>
<td>Idaho/ID</td>
</tr>
<tr>
<td>17</td>
<td>Illinois/IL</td>
</tr>
<tr>
<td>18</td>
<td>Indiana/IN</td>
</tr>
<tr>
<td>19</td>
<td>Iowa/IA</td>
</tr>
<tr>
<td>20</td>
<td>Kansas/KS</td>
</tr>
<tr>
<td>21</td>
<td>Kentucky/KY</td>
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<td>22</td>
<td>Louisiana/LA</td>
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<td>Maine/ME</td>
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<td>Maryland/MD</td>
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<td>Montana/MT</td>
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<td>Nebraska/NE</td>
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<td>New Hampshire/NH</td>
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<td>34</td>
<td>New Jersey/NJ</td>
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<td>35</td>
<td>New Mexico/NM</td>
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<td>New York/NY</td>
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<td>37</td>
<td>North Carolina/NC</td>
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<td>38</td>
<td>North Dakota/ND</td>
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<td>39</td>
<td>Ohio/OH</td>
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<td>Oklahoma/OK</td>
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<td>Oregon/OR</td>
</tr>
<tr>
<td>42</td>
<td>Pennsylvania/PA</td>
</tr>
<tr>
<td>44</td>
<td>Rhode Island/RI</td>
</tr>
<tr>
<td>45</td>
<td>South Carolina/SC</td>
</tr>
<tr>
<td>46</td>
<td>South Dakota/SD</td>
</tr>
<tr>
<td>47</td>
<td>Tennessee/TN</td>
</tr>
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<td>48</td>
<td>Texas/TX</td>
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<td>Utah/UT</td>
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<td>50</td>
<td>Vermont/VT</td>
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<td>51</td>
<td>Virginia/VA</td>
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<td>53</td>
<td>Washington/WA</td>
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<td>54</td>
<td>West Virginia/WV</td>
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<tr>
<td>55</td>
<td>Wisconsin/WI</td>
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<tr>
<td>56</td>
<td>Wyoming/WY</td>
</tr>
<tr>
<td>72</td>
<td>Puerto Rico/PR</td>
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</tbody>
</table>

**ADJINC Character 7**

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

1006149 .2020 factor (1.006149)
<table>
<thead>
<tr>
<th>Variable</th>
<th>Type</th>
<th>Value(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PWGTP</td>
<td>Numeric 5</td>
<td>Person's weight</td>
</tr>
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<td></td>
<td></td>
<td>Integer weight of person</td>
</tr>
<tr>
<td>AGEP</td>
<td>Numeric 2</td>
<td>Age</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Under 1 year</td>
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<tr>
<td></td>
<td></td>
<td>.1 to 99 years (Top-coded)</td>
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<tr>
<td>CIT</td>
<td>Character 1</td>
<td>Citizenship status</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Born in the United States</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Born in Puerto Rico, Guam, the U.S. Virgin Islands, or Northern Marianas</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Born abroad of U.S. citizen parent or parents</td>
</tr>
<tr>
<td></td>
<td></td>
<td>U.S. citizen by naturalization</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Not a U.S. citizen</td>
</tr>
<tr>
<td>CITWP</td>
<td>Numeric 4</td>
<td>Year of naturalization write-in</td>
</tr>
<tr>
<td></td>
<td></td>
<td>N/A (Not eligible - not naturalized)</td>
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<tr>
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<td></td>
<td>.1944 or earlier (Bottom-coded)</td>
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<tr>
<td></td>
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1981 1981
1982 1982
1983 1983
1984 1984
1985 1985
1986 1986
1987 1987
1988 1988
1989 1989
1990 1990
1991 1991
1992 1992
1993 1993
1994 1994
1995 1995
1996 1996
1997 1997
1998 1998
1999 1999
2000 2000
2001 2001
2002 2002
2003 2003
2004 2004
2005 2005
2006 2006
2007 2007
2008 2008
2009 2009
2010 2010
2011 2011
2012 2012
2013 2013
2014 2014
2015 2015
2016 2016
2017 2017
2018 2018
2019 2019
2020 2020

COW Character 1

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

<table>
<thead>
<tr>
<th>DDRS</th>
<th>Character 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self-care difficulty</td>
<td></td>
</tr>
<tr>
<td>b .N/A (Less than 5 years old)</td>
<td>1. Yes</td>
</tr>
<tr>
<td>2. No</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>DEAR</th>
<th>Character 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hearing difficulty</td>
<td></td>
</tr>
<tr>
<td>1. Yes</td>
<td></td>
</tr>
<tr>
<td>2. No</td>
<td></td>
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<table>
<thead>
<tr>
<th>DEYE</th>
<th>Character 1</th>
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<tbody>
<tr>
<td>Vision difficulty</td>
<td></td>
</tr>
<tr>
<td>1. Yes</td>
<td></td>
</tr>
<tr>
<td>2. No</td>
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</table>

<table>
<thead>
<tr>
<th>DOUT</th>
<th>Character 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Independent living difficulty</td>
<td></td>
</tr>
<tr>
<td>b .N/A (Less than 15 years old)</td>
<td>1. Yes</td>
</tr>
<tr>
<td>2. No</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
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<th>Character 1</th>
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<tbody>
<tr>
<td>Ambulatory difficulty</td>
<td></td>
</tr>
<tr>
<td>b .N/A (Less than 5 years old)</td>
<td>1. Yes</td>
</tr>
<tr>
<td>2. No</td>
<td></td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>DRAX</th>
<th>Character 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Veteran service connected disability rating (checkbox)</td>
<td></td>
</tr>
<tr>
<td>b .N/A (Less than 17 years old/never served in military)</td>
<td>1. Yes</td>
</tr>
<tr>
<td>2. No</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DREM</th>
<th>Character 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cognitive difficulty</td>
<td></td>
</tr>
<tr>
<td>b .N/A (Less than 5 years old)</td>
<td>1. Yes</td>
</tr>
<tr>
<td>2. No</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ENG</th>
<th>Character 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ability to speak English</td>
<td></td>
</tr>
<tr>
<td>b .N/A (less than 5 years old/speaks only English)</td>
<td>1. Yes</td>
</tr>
<tr>
<td>2. No</td>
<td></td>
</tr>
</tbody>
</table>
1. Very well
2. Well
3. Not well
4. Not at all

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

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

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

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

HIMRKS Character 1
Subsidized Marketplace Coverage
0. Categorically ineligible for subsidy
1. Direct purchase coverage, with premium subsidy
2. Direct purchase coverage, without a premium subsidy

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 (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)
bbbbbN/A (less than 15 years old)
0 .None
-10000..-4 .Loss of $4 to $10000 (Rounded and bottom-coded)
4..999999 $.4 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)

JWTRNS  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
03. Subway or elevated rail
04. Long-distance train or commuter rail
05. Light rail, streetcar, or trolley
06. Ferryboat
07. Taxicab
08. Motorcycle
09. Bicycle
10. Walked
11. Worked from home
12. Other method

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

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

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

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

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

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

MARHYP Numeric 4
Year last married
b.b.b. N/A (age less than 15 years; never married)
1942 .1942 or earlier (Bottom-coded)
1943 .1943
1944 .1944
2002 .2002
2003 .2003
2004 .2004
2005 .2005
2006 .2006
2007 .2007
2008 .2008
2009 .2009
2010 .2010
2011 .2011
2012 .2012
2013 .2013
2014 .2014
2015 .2015
2016 .2016
2017 .2017
2018 .2018
2019 .2019
2020 .2020

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)
   bbbbbb .N/A (less than 15 years old)
   0 .None
   4..30000 $.4 to $30000 (Rounded and top-coded)

RELSHIPP  Character 2
Relationship
   20 .Reference person
   21 .Opposite-sex husband/wife/spouse
   22 .Opposite-sex unmarried partner
   23 .Same-sex husband/wife/spouse
   24 .Same-sex unmarried partner
   25 .Biological son or daughter
   26 .Adopted son or daughter
   27 .Stepson or stepdaughter
   28 .Brother or sister
   29 .Father or mother
   30 .Grandchild
   31 .Parent-in-law
   32 .Son-in-law or daughter-in-law
   33 .Other relative
   34 .Roommate or housemate
   35 .Foster child
   36 .Other nonrelative
   37 .Institutionalized group quarters population
   38 .Noninstitutionalized group quarters population

RETP  Numeric 6
Retirement income past 12 months (use ADJINC to adjust to constant dollars)
   bbbbbb .N/A (less than 15 years old)
   0 .None
4..999999 $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 or college or home school

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

SCHL  Character  2
Educational attainment
bb .N/A (less than 3 years old)
01 .No schooling completed
02 .Nursery school, preschool
03 .Kindergarten
04 .Grade 1
05 .Grade 2
06 .Grade 3
07 .Grade 4
08 .Grade 5
09 .Grade 6
10 .Grade 7
11 .Grade 8
12 .Grade 9
13 .Grade 10
14 .Grade 11
15 .12th grade - no diploma
16 .Regular high school diploma
17 .GED or alternative credential
18 .Some college, but less than 1 year
19 .1 or more years of college credit, no degree
20 .Associate's degree
21 .Bachelor's degree
22 .Master's degree
23 .Professional degree beyond a bachelor's degree
24 .Doctorate degree
SEMP  Numeric  6
Self-employment income past 12 months (signed, use ADJINC to adjust
SEMP to constant dollars)
  bbbbbb .N/A (less than 15 years old)
  0 .None
  -10000..-4 .Loss of $4 to $10000 (Rounded and bottom-coded)
  4..999999 .$ 4 to $999999 (Rounded and top-coded)

SEX  Character  1
Sex
  1 .Male
  2 .Female

SSIP  Numeric  5
Supplementary Security Income past 12 months (use ADJINC to adjust SSIP
to constant dollars)
  bbbbbb .N/A (less than 15 years old)
  0 .None
  4..30000 .$4 to $30000 (Rounded and top-coded)

SSP  Numeric  5
Social Security income past 12 months (use ADJINC to adjust SSP to
constant dollars)
  bbbbbb .N/A (less than 15 years old)
  0 .None
  4..50000 .$4 to $50000 (Rounded and top-coded)

WAGP  Numeric  6
Wages or salary income past 12 months (use ADJINC to adjust WAGP to
constant dollars)
  bbbbbb .N/A (less than 16 years old/did not work during the past
  .12 months)
  0 .None
  4..999999 .$4 to 999999 (Rounded and top-coded)

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

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

WKWN  Numeric  2
Weeks worked during past 12 months
  bb .N/A (less than 16 years old/did not work during the past
  .12 months)
  1..52 .1 to 52 weeks worked during past 12 months

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

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### PERSON RECORD—RECODED PERSON VARIABLES

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

**ANC1P**  
Character 3  
Recoded Detailed Ancestry - first entry  
001 .Alsatian  
003 .Austrian  
005 .Basque  
008 .Belgian  
009 .Flemish  
011 .British  
012 .British Isles  
020 .Danish  
021 .Dutch  
022 .English  
024 .Finnish  
026 .French  
032 .German  
040 .Prussian  
046 .Greek
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
406. Moroccan
411. North African
416. Iranian
417. Iraqi
419. Israeli
421. Jordanian
423. Kuwaiti
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
529  Ghanaian
530  Guinean
534  Kenyan
541  Liberian
553  Nigerian
564  Senegalese
566  Sierra Leonean
568  Somali
570  South African
576  Sudanese
586  Togo
587  Other Subsaharan African
588  Ugandan
593  Zimbabwean
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
720  Filipino
730  Indonesian
740  Japanese
748  Okinawan
750  Korean
Laotian
Hmong
Malaysian
Thai
Taiwanese
Vietnamese
Asian
Other Asian
Australian
New Zealander
Polynesian
Hawaiian
Samoan
Tongan
Micronesians
Guamanian
Chamorro
Palauan
Marshallese
Fijian
Pacific Islander
Other Pacific
Afro American
Afro
African American
Black
Negro
Creole
Central American Indian
South American Indian
Native American
Indian
Cherokee
American Indian
Eskimo
White
Anglo
Appalachian
Pennsylvania German
Canadian
French Canadian
Acadian
Cajun
American
United States
New Mexico
Texas
North American
Mixture
Uncodable entries
Other groups
Other responses
Not reported

ANC2P Character 3
Recoded Detailed Ancestry - second entry
001 .Alsatan
177  .Bosnian and Herzegovinian  
178  .Slavic  
179  .Slavonian  
181  .Central European  
183  .Northern European  
185  .Southern European  
187  .Western European  
190  .Eastern European  
194  .Germanic  
195  .European  
200  .Spaniard  
210  .Mexican  
211  .Mexican American  
212  .Mexicano  
213  .Chicano  
215  .Mexican American Indian  
218  .Mexican State  
219  .Mexican Indian  
221  .Costa Rican  
222  .Guatemalan  
223  .Honduran  
224  .Nicaraguan  
225  .Panamanian  
226  .Salvadoran  
227  .Central American  
231  .Argentinean  
232  .Bolivian  
233  .Chilean  
234  .Colombian  
235  .Ecuadorean  
236  .Paraguayan  
237  .Peruvian  
238  .Uruguayan  
239  .Venezuelan  
249  .South American  
250  .Latin American  
251  .Latin  
252  .Latino  
261  .Puerto Rican  
271  .Cuban  
275  .Dominican  
290  .Hispanic  
291  .Spanish  
295  .Spanish American  
300  .Bahamian  
301  .Barbadian  
302  .Belizean  
308  .Jamaican  
310  .Dutch West Indian  
314  .Trinidadian Tobagonian  
322  .British West Indian  
325  .Antigua and Barbuda  
329  .Grenadian  
330  .Vincent-Grenadine Islander  
331  .St Lucia Islander  
335  .West Indian  
336  .Haitian
359. Other West Indian
360. Brazilian
370. Guyanese
400. Algerian
402. Egyptian
404. Libyan
406. Moroccan
411. North African
416. Iranian
417. Iraqi
419. Israeli
421. Jordanian
423. Kuwaiti
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
529. Ghanaian
530. Guinean
534. Kenyan
541. Liberian
553. Nigerian
564. Senegalese
566. Sierra Leonean
568. Somali
570. South African
576. Sudanese
586. Togo
587. Other Subsaharan African
588. Ugandan
593. Zimbabwean
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
720. Filipino
730. Indonesian
740. Japanese
748. Okinawan
750. Korean
765. Laotian
768. Hmong
770. Malaysian
776. Thai
782. Taiwanese
785. Vietnamese
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
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
922. Eskimo
924. White
925. Anglo
927. Appalachian
929. Pennsylvania German
931. Canadian
935. French Canadian
936. Acadian
937. Cajun
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<td>Without a disability</td>
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<td>DRIVESP</td>
<td>Number of vehicles calculated from JWRI</td>
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<td>b</td>
<td>N/A (Nonworker or worker who does not drive to work)</td>
</tr>
<tr>
<td>1</td>
<td>1.000 vehicles (Drove alone)</td>
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<td>0.500 vehicles (In a 2-person carpool)</td>
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<tr>
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<td>0.333 vehicles (In a 3-person carpool)</td>
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<tr>
<td>4</td>
<td>0.250 vehicles (In a 4-person carpool)</td>
</tr>
<tr>
<td>5</td>
<td>0.200 vehicles (In a 5- or 6-person carpool)</td>
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<tr>
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<td>0.143 vehicles (In a 7-or-more person carpool)</td>
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<td>Employment status of parents</td>
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<tr>
<td>b</td>
<td>N/A (not own child of householder, and not child in subfamily)</td>
</tr>
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<td>1</td>
<td>Living with two parents: Both parents in labor force</td>
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<tr>
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<td>Living with two parents: Father only in labor force</td>
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<tr>
<td>3</td>
<td>Living with two parents: Mother only in labor force</td>
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<td>Living with two parents: Neither parent in labor force</td>
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<td>6</td>
<td>Living with father: Not in labor force</td>
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Armed forces, at work
Armed forces, with a job but not at work
Not in labor force

FOD1P Character 4
Recode field of degree - first entry

N/A (less than bachelor's degree)

100 .General Agriculture
101 .Agriculture Production And Management
102 .Agricultural Economics
103 .Animal Sciences
104 .Food Science
105 .Plant Science And Agronomy
106 .Soil Science
109 .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
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
5009 .Multi-Disciplinary Or General Science
5102 .Nuclear, Industrial Radiology, And Biological Technologies
5200 .Psychology
5201 .Educational Psychology
5202 .Clinical Psychology
5203 .Counseling Psychology
5205 .Industrial And Organizational Psychology
5206 .Social Psychology
5299 .Miscellaneous Psychology
5301 .Criminal Justice And Fire Protection
5401 .Public Administration
5402 .Public Policy
5403 .Human Services And Community Organization
5404 .Social Work
5500 .General Social Sciences
5501 .Economics
5502 .Anthropology And Archeology
5503 .Criminology
5504 .Geography
5505 .International Relations
5506 .Political Science And Government
5507 .Sociology
5599 .Miscellaneous Social Sciences
5601 .Construction Services
5701 .Electrical, Mechanical, And Precision Technologies And Production
5901 .Transportation Sciences And Technologies
6000 .Fine Arts
6001 .Drama And Theater Arts
6002 .Music
6003 .Visual And Performing Arts
6004 .Commercial Art And Graphic Design
6005 .Film Video And Photographic Arts
6006 .Art History And Criticism
6007 .Studio Arts
6099 .Miscellaneous Fine Arts
6100 .General Medical And Health Services
6102 .Communication Disorders Sciences And Services
6103 .Health And Medical Administrative Services
6104 .Medical Assisting Services
6105 .Medical Technologies Technicians
6106 .Health And Medical Preparatory Programs
6107 .Nursing
6108 .Pharmacy Pharmaceutical Sciences And Administration
6109 .Treatment Therapy Professions
6110 .Community And Public Health
6199 .Miscellaneous Health Medical Professions
6200 .General Business
6201 .Accounting
6202 .Actuarial Science
6203 .Business Management And Administration

58
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
2304 .Elementary Education
2305 .Mathematics Teacher Education
2306 .Physical And Health Education Teaching
2307 .Early Childhood Education
2308 .Science And Computer Teacher Education
2309 .Secondary Teacher Education
2310 .Special Needs Education
2311 .Social Science Or History Teacher Education
2312 .Teacher Education: Multiple Levels
2313 .Language And Drama Education
2314 .Art And Music Education
2399 .Miscellaneous Education
2400 .General Engineering
2401 .Aerospace Engineering
2402 . Biological Engineering
2403 . Architectural Engineering
2404 . Biomedical Engineering
2405 . Chemical Engineering
2406 . Civil Engineering
2407 . Computer Engineering
2408 . Electrical Engineering
2409 . Engineering Mechanics Physics And Science
2410 . Environmental Engineering
2411 . Geological And Geophysical Engineering
2412 . Industrial And Manufacturing Engineering
2413 . Materials Engineering And Materials Science
2414 . Mechanical Engineering
2415 . Metallurgical Engineering
2416 . Mining And Mineral Engineering
2417 . Naval Architecture And Marine Engineering
2418 . Nuclear Engineering
2419 . Petroleum Engineering
2499 . Miscellaneous Engineering
2500 . Engineering Technologies
2501 . Engineering And Industrial Management
2502 . Electrical Engineering Technology
2503 . Industrial Production Technologies
2504 . Mechanical Engineering Related Technologies
2599 . Miscellaneous Engineering Technologies
2601 . Linguistics And Comparative Language And Literature
2602 . French German Latin And Other Common Foreign Language Studies
2603 . Other Foreign Languages
2901 . Family And Consumer Sciences
3201 . Court Reporting
3202 . Pre-Law And Legal Studies
3301 . English Language And Literature
3302 . Composition And Rhetoric
3401 . Liberal Arts
3402 . Humanities
3501 . Library Science
3600 . Biology
3601 . Biochemical Sciences
3602 . Botany
3603 . Molecular Biology
3604 . Ecology
3605 . Genetics
3606 . Microbiology
3607 . Pharmacology
3608 . Physiology
3609 . Zoology
3611 . Neuroscience
3699 . Miscellaneous Biology
3700 . Mathematics
3701 . Applied Mathematics
3702 . Statistics And Decision Science
3801 . Military Technologies
4000 . Multi/Interdisciplinary Studies
4001 . Intercultural And International Studies
4002 . Nutrition Sciences
4005 . Mathematics And Computer Science
4006 .Cognitive Science And Biopsychology
4007 .Interdisciplinary Social Sciences
4101 .Physical Fitness Parks Recreation And Leisure
4801 .Philosophy And Religious Studies
4901 .Theology And Religious Vocations
5000 .Physical Sciences
5001 .Astronomy And Astrophysics
5002 .Atmospheric Sciences And Meteorology
5003 .Chemistry
5004 .Geology And Earth Science
5005 .Geosciences
5006 .Oceanography
5007 .Physics
5008 .Materials Science
5098 .Multi-Disciplinary Or General Science
5102 .Nuclear, Industrial Radiology, And Biological Technologies
5200 .Psychology
5201 .Educational Psychology
5202 .Clinical Psychology
5203 .Counseling Psychology
5205 .Industrial And Organizational Psychology
5206 .Social Psychology
5299 .Miscellaneous Psychology
5301 .Criminal Justice And Fire Protection
5401 .Public Administration
5402 .Public Policy
5403 .Human Services And Community Organization
5404 .Social Work
5500 .General Social Sciences
5501 .Economics
5502 .Anthropology And Archeology
5503 .Criminology
5504 .Geography
5505 .International Relations
5506 .Political Science And Government
5507 .Sociology
5599 .Miscellaneous Social Sciences
5601 .Construction Services
5701 .Electrical, Mechanical, And Precision Technologies And Production
5901 .Transportation Sciences And Technologies
6000 .Fine Arts
6001 .Drama And Theater Arts
6002 .Music
6003 .Visual And Performing Arts
6004 .Commercial Art And Graphic Design
6005 .Film Video And Photographic Arts
6006 .Art History And Criticism
6007 .Studio Arts
6099 .Miscellaneous Fine Arts
6100 .General Medical And Health Services
6102 .Communication Disorders Sciences And Services
6103 .Health And Medical Administrative Services
6104 .Medical Assisting Services
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6106 .Health And Medical Preparatory Programs
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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

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

**HISP Character 2**
Recoded detailed Hispanic origin
01  .Not Spanish/Hispanic/Latino
02  .Mexican
03  .Puerto Rican
04  .Cuban
05  .Dominican
06  .Costa Rican
07  .Guatemalan
08  .Honduran
09  .Nicaraguan
10  .Panamanian
11  .Salvadoran
12  .Other Central American
13  .Argentinean
14  .Bolivian
15  .Chilean
16  .Colombian
17  .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
bbbb  .N/A (less than 16 years old/NILF who last worked more than .5 years ago or never worked)
0170  .AGR-Crop Production
<table>
<thead>
<tr>
<th>Code</th>
<th>Industry Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0180</td>
<td>AGR-Animal Production And Aquaculture</td>
</tr>
<tr>
<td>0190</td>
<td>AGR-Forestry Except Logging</td>
</tr>
<tr>
<td>0270</td>
<td>AGR-Logging</td>
</tr>
<tr>
<td>0280</td>
<td>AGR-Fishing, Hunting And Trapping</td>
</tr>
<tr>
<td>0290</td>
<td>AGR-Support Activities For Agriculture And Forestry</td>
</tr>
<tr>
<td>0370</td>
<td>EXT-Oil And Gas Extraction</td>
</tr>
<tr>
<td>0380</td>
<td>EXT-Coal Mining</td>
</tr>
<tr>
<td>0390</td>
<td>EXT-Metal Ore Mining</td>
</tr>
<tr>
<td>0470</td>
<td>EXT-Nonmetallic Mineral Mining And Quarrying</td>
</tr>
<tr>
<td>0490</td>
<td>EXT-Support Activities For Mining</td>
</tr>
<tr>
<td>0570</td>
<td>UTL-Electric Power Generation, Transmission And Distribution</td>
</tr>
<tr>
<td>0580</td>
<td>UTL-Natural Gas Distribution</td>
</tr>
<tr>
<td>0590</td>
<td>UTL-Electric And Gas, And Other Combinations</td>
</tr>
<tr>
<td>0670</td>
<td>UTL-Water, Steam, Air-Conditioning, And Irrigation Systems</td>
</tr>
<tr>
<td>0680</td>
<td>UTL-Sewage Treatment Facilities</td>
</tr>
<tr>
<td>0690</td>
<td>UTL-Not Specified Utilities</td>
</tr>
<tr>
<td>0770</td>
<td>CON-Construction (The Cleaning Of Buildings And Dwellings Is Incidental During Construction And Immediately After Construction)</td>
</tr>
<tr>
<td>1070</td>
<td>MFG-Animal Food, Grain And Oilseed Milling</td>
</tr>
<tr>
<td>1080</td>
<td>MFG-Sugar And Confectionery Products</td>
</tr>
<tr>
<td>1090</td>
<td>MFG-Fruit And Vegetable Preserving And Specialty Food</td>
</tr>
<tr>
<td>1170</td>
<td>MFG-Dairy Product</td>
</tr>
<tr>
<td>1180</td>
<td>MFG-Animal Slaughtering And Processing</td>
</tr>
<tr>
<td>1190</td>
<td>MFG-Retail Bakeries</td>
</tr>
<tr>
<td>1270</td>
<td>MFG-Bakeries And Tortilla, Except Retail Bakeries</td>
</tr>
<tr>
<td>1280</td>
<td>MFG-Seafood And Other Miscellaneous Foods, N.E.C.</td>
</tr>
<tr>
<td>1290</td>
<td>MFG-Not Specified Food Industries</td>
</tr>
<tr>
<td>1370</td>
<td>MFG-Beverage</td>
</tr>
<tr>
<td>1390</td>
<td>MFG-Tobacco</td>
</tr>
<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>1790</td>
<td>MFG-Leather And Hide Tanning And Finishing, And Other Leather And Allied Product</td>
</tr>
<tr>
<td>1870</td>
<td>MFG-Pulp, Paper, And Paperboard Mills</td>
</tr>
<tr>
<td>1880</td>
<td>MFG-Paperboard Container</td>
</tr>
<tr>
<td>1890</td>
<td>MFG-Miscellaneous Paper And Pulp Products</td>
</tr>
<tr>
<td>1990</td>
<td>MFG-Printing And Related Support Activities</td>
</tr>
<tr>
<td>2070</td>
<td>MFG-Petroleum Refining</td>
</tr>
<tr>
<td>2090</td>
<td>MFG-Miscellaneous Petroleum And Coal Products</td>
</tr>
<tr>
<td>2170</td>
<td>MFG-Resin, Synthetic Rubber, And Fibers And Filaments</td>
</tr>
<tr>
<td>2180</td>
<td>MFG-Agricultural Chemical</td>
</tr>
<tr>
<td>2190</td>
<td>MFG-Pharmaceutical And Medicine</td>
</tr>
<tr>
<td>2270</td>
<td>MFG-Paint, Coating, And Adhesive</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 Product</td>
</tr>
<tr>
<td>2380</td>
<td>MFG-Tire</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</td>
</tr>
</tbody>
</table>
2480 .MFG-Clay Building Material And Refractories
2490 .MFG-Glass And Glass Product
2570 .MFG-Cement, Concrete, Lime, And Gypsum Product
2590 .MFG-Miscellaneous Nonmetallic Mineral Product
2670 .MFG-Iron And Steel Mills And Steel Product
2680 .MFG-Aluminum Production And Processing
2690 .MFG-Nonferrous Metal (Except Aluminum) Production And Processing
2770 .MFG-Foundries
2780 .MFG-Metal Forgings And Stampings
2790 .MFG-Cutlery And Hand Tool
2870 .MFG-Structural Metals, And Boiler, Tank, And Shipping Container
2880 .MFG-Machine Shops; Turned Product; Screw, Nut, And Bolt Activities
2890 .MFG-Coating, Engraving, Heat Treating, And Allied Activities
2970 .MFG-Ordnance
2980 .MFG-Miscellaneous Fabricated Metal Products
2990 .MFG-Not Specified Metal Industries
3070 .MFG-Agricultural Implement
3080 .MFG-Construction, And Mining And Oil And Gas Field Machinery
3095 .MFG-Commercial And Service Industry Machinery
3170 .MFG-Metalworking Machinery
3180 .MFG-Engine, Turbine, And Power Transmission Equipment
3291 .MFG-Machinery, N.E.C. Or Not Specified
3365 .MFG-Computer And Peripheral Equipment
3370 .MFG-Communications, Audio, And Video Equipment
3380 .MFG-Navigational, Measuring, Electromedical, And Control Instruments
3390 .MFG-Electronic Component And Product, N.E.C.
3470 .MFG-Household Appliance
3490 .MFG-Electric Lighting And Electrical Equipment, And Other Electrical Component, N.E.C.
3570 .MFG-Motor Vehicles And Motor Vehicle Equipment
3580 .MFG-Aircraft And Parts
3590 .MFG-Aerospace Products And Parts
3670 .MFG-Railroad Rolling Stock
3680 .MFG-Ship And Boat Building
3690 .MFG-Other Transportation Equipment
3770 .MFG-Sawmills And Wood Preservation
3780 .MFG-Veneer, Plywood, And Engineered Wood Products
3790 .MFG-Prefabricated Wood Buildings And Mobile Homes
3875 .MFG-Miscellaneous Wood Products
3895 .MFG-Furniture And Related Product
3960 .MFG-Medical Equipment And Supplies
3970 .MFG-Sporting And Athletic Goods, And Doll, Toy And Game
3980 .MFG-Miscellaneous Manufacturing, N.E.C.
3990 .MFG-Not Specified Manufacturing Industries
4070 .WHL-Motor Vehicle And Motor Vehicle Parts And Supplies Merchant Wholesalers
4080 .WHL-Furniture And Home Furnishing Merchant Wholesalers
4090 .WHL-Lumber And Other Construction Materials Merchant Wholesalers
4170 .WHL-Professional And Commercial Equipment And Supplies Merchant Wholesalers
<table>
<thead>
<tr>
<th>Code</th>
<th>Industry Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7570</td>
<td>.PRF-Management Of Companies And Enterprises</td>
</tr>
<tr>
<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>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>7900</td>
<td>.EDU-Other Schools And Instruction, And Educational Support Services</td>
</tr>
<tr>
<td>7970</td>
<td>.MED-Offices Of Physicians</td>
</tr>
<tr>
<td>7980</td>
<td>.MED-Offices Of Dentists</td>
</tr>
<tr>
<td>7990</td>
<td>.MED-Offices Of Chiropractors</td>
</tr>
<tr>
<td>8070</td>
<td>.MED-Offices Of Optometrists</td>
</tr>
<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>
<tr>
<td>8370</td>
<td>.SCA-Individual And Family Services</td>
</tr>
<tr>
<td>8380</td>
<td>.SCA-Community Food And Housing, And Emergency Services</td>
</tr>
<tr>
<td>8390</td>
<td>.SCA-Vocational Rehabilitation Services</td>
</tr>
<tr>
<td>8470</td>
<td>.SCA-Child Day Care Services</td>
</tr>
<tr>
<td>8561</td>
<td>.ENT-Performing Arts Companies</td>
</tr>
<tr>
<td>8562</td>
<td>.ENT-Spectator Sports</td>
</tr>
<tr>
<td>8563</td>
<td>.ENT-Promoters Of Performing Arts, Sports, And Similar Events, Agents And Managers For Artists, Athletes, Entertainers, And Other Public Figures</td>
</tr>
<tr>
<td>8564</td>
<td>.ENT-Independent Artists, Writers, And Performers</td>
</tr>
<tr>
<td>8570</td>
<td>.ENT-Museums, Art Galleries, Historical Sites, And Similar Institutions</td>
</tr>
<tr>
<td>8580</td>
<td>.ENT-Bowling Centers</td>
</tr>
<tr>
<td>8590</td>
<td>.ENT-Other Amusement, Gambling, And Recreation Industries</td>
</tr>
<tr>
<td>8660</td>
<td>.ENT-Traveler Accommodation</td>
</tr>
<tr>
<td>8670</td>
<td>.ENT-Recreational Vehicle Parks And Camps, And Rooming And Boarding Houses, Dormitories, And Workers' Camps</td>
</tr>
<tr>
<td>8680</td>
<td>.ENT-Restaurants And Other Food Services</td>
</tr>
<tr>
<td>8690</td>
<td>.ENT-Drinking Places, Alcoholic Beverages</td>
</tr>
<tr>
<td>8770</td>
<td>.SRV-Automotive Repair And Maintenance</td>
</tr>
<tr>
<td>8780</td>
<td>.SRV-Car Washes</td>
</tr>
<tr>
<td>8790</td>
<td>.SRV-Electronic And Precision Equipment Repair And Maintenance</td>
</tr>
<tr>
<td>8870</td>
<td>.SRV-Commercial And Industrial Machinery And Equipment, Repair And Maintenance</td>
</tr>
<tr>
<td>8891</td>
<td>.SRV-Personal And Household Goods Repair And Maintenance</td>
</tr>
<tr>
<td>8970</td>
<td>.SRV-Barber Shops</td>
</tr>
</tbody>
</table>
8980 .SRV-Beauty Salons
8990 .SRV-Nail Salons And Other Personal Care Services
9070 .SRV-Drycleaning And Laundry Services
9080 .SRV-Funeral Homes, And 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-Armed Forces, Branch Not Specified
9870 .MIL-Military Reserves Or National Guard
9920 .Unemployed, With No Work Experience In The Last 5 Years 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.
  017  .1:30 a.m. to 1:34 a.m.
  018  .1:35 a.m. to 1:39 a.m.
  019  .1:40 a.m. to 1:44 a.m.
  020  .1:45 a.m. to 1:49 a.m.
  021  .1:50 a.m. to 1:59 a.m.
  022  .2:00 a.m. to 2:04 a.m.
  023  .2:05 a.m. to 2:09 a.m.
<table>
<thead>
<tr>
<th>Time</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>024</td>
<td>2:10 a.m. to 2:14 a.m.</td>
</tr>
<tr>
<td>025</td>
<td>2:15 a.m. to 2:19 a.m.</td>
</tr>
<tr>
<td>026</td>
<td>2:20 a.m. to 2:24 a.m.</td>
</tr>
<tr>
<td>027</td>
<td>2:25 a.m. to 2:29 a.m.</td>
</tr>
<tr>
<td>028</td>
<td>2:30 a.m. to 2:34 a.m.</td>
</tr>
<tr>
<td>029</td>
<td>2:35 a.m. to 2:39 a.m.</td>
</tr>
<tr>
<td>030</td>
<td>2:40 a.m. to 2:44 a.m.</td>
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JWDP Character 3

Time of departure for work - hour and minute
bbb N/A (not a worker; worker who worked at home)
001 12:00 a.m. to 12:29 a.m.
002 12:30 a.m. to 12:59 a.m.
003 1:00 a.m. to 1:29 a.m.
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005 2:00 a.m. to 2:29 a.m.
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<td>to 06:39 a.m.</td>
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<td>06:40 a.m.</td>
<td>to 06:44 a.m.</td>
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<td>06:45 a.m.</td>
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<td>06:55 a.m.</td>
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078 9:55 a.m. to 9:59 a.m.
079 10:00 a.m. to 10:09 a.m.
080 10:10 a.m. to 10:19 a.m.
081 10:20 a.m. to 10:29 a.m.
082 10:30 a.m. to 10:39 a.m.
083 10:40 a.m. to 10:49 a.m.
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091 12:00 p.m. to 12:09 p.m.
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10:40 p.m. to 10:49 p.m.
10:50 p.m. to 10:59 p.m.
11:00 p.m. to 11:29 p.m.
11:30 p.m. to 11:59 p.m.

LANP  Character  4
Language spoken at home

N/A (GQ/vacant)
Jamaican Creole English
Other English-based Creole languages
Haitian
Kabuverdianu
German
Swiss German
Pennsylvania German
Yiddish
Dutch
Afrikaans
Swedish
Danish
Norwegian
Italian
French
Cajun French
Spanish
Portuguese
Romanian
Irish
Greek
Albanian
Russian
Ukrainian
Czech
Slovak
Polish
Bulgarian
Macedonian
Serbocroatian
Bosnian
Croatian
Serbian
Lithuanian
Latvian
Armenian
1290 .Farsi
1292 .Dari
1315 .Kurdish
1327 .Pashto
1340 .India N.E.C.
1350 .Hindi
1360 .Urdu
1380 .Bengali
1420 .Punjabi
1435 .Konkani
1440 .Marathi
1450 .Gujarati
1500 .Nepali
1525 .Pakistan N.E.C.
1530 .Sinhala
1540 .Other Indo-Iranian languages
1564 .Other Indo-European languages
1565 .Finnish
1582 .Hungarian
1675 .Turkish
1690 .Mongolian
1730 .Telugu
1737 .Kannada
1750 .Malayalam
1765 .Tamil
1900 .Khmer
1960 .Vietnamese
1970 .Chinese
2000 .Mandarin
2030 .Min Nan Chinese
2050 .Cantonese
2100 .Tibetan
2160 .Burmese
2270 .Chin languages
2350 .Karen languages
2430 .Thai
2475 .Lao
2525 .Iu Mien
2535 .Mong
2560 .Japanese
2575 .Korean
2715 .Malay
2770 .Indonesian
2850 .Other languages of Asia
2910 .Filipino
2920 .Tagalog
2950 .Cebuano
3150 .Ilocano
3190 .Other Philippine languages
3220 .Chamorro
3270 .Marshallese
3350 .Chuukese
3420 .Samoan
3500 .Tongan
3570 .Hawaiian
3600 .Other Eastern Malayo-Polynesian languages
4500 .Arabic
<table>
<thead>
<tr>
<th>Character 5 (MIGPUMA)</th>
<th>Migration PUMA based on 2010 Census definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>bbbbb</td>
<td>N/A (person less than 1 year old/lived in same house 1 year ago)</td>
</tr>
<tr>
<td>000001</td>
<td>Did not live in the United States or in Puerto Rico one year ago</td>
</tr>
<tr>
<td>000002</td>
<td>Lived in Puerto Rico one year ago and current residence is in the U.S.</td>
</tr>
<tr>
<td>00100..70100</td>
<td>Assigned Migration PUMA. Use with MIGSP.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Character 3 (MIGSP)</th>
<th>Migration recode - State or foreign country code</th>
</tr>
</thead>
<tbody>
<tr>
<td>bbb .N/A</td>
<td>(person less than 1 year old/lived in same house 1 year ago)</td>
</tr>
<tr>
<td>001 .Alabama/AL</td>
<td></td>
</tr>
<tr>
<td>002 .Alaska/AK</td>
<td></td>
</tr>
<tr>
<td>004 .Arizona/AZ</td>
<td></td>
</tr>
<tr>
<td>005 .Arkansas/AR</td>
<td></td>
</tr>
<tr>
<td>006 .California/CA</td>
<td></td>
</tr>
<tr>
<td>Code</td>
<td>State/Region</td>
</tr>
<tr>
<td>------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>008</td>
<td>Colorado/CO</td>
</tr>
<tr>
<td>009</td>
<td>Connecticut/CT</td>
</tr>
<tr>
<td>010</td>
<td>Delaware/DE</td>
</tr>
<tr>
<td>011</td>
<td>District of Columbia/DC</td>
</tr>
<tr>
<td>012</td>
<td>Florida/FL</td>
</tr>
<tr>
<td>013</td>
<td>Georgia/GA</td>
</tr>
<tr>
<td>015</td>
<td>Hawaii/HI</td>
</tr>
<tr>
<td>016</td>
<td>Idaho/ID</td>
</tr>
<tr>
<td>017</td>
<td>Illinois/IL</td>
</tr>
<tr>
<td>018</td>
<td>Indiana/IN</td>
</tr>
<tr>
<td>019</td>
<td>Iowa/IA</td>
</tr>
<tr>
<td>020</td>
<td>Kansas/KS</td>
</tr>
<tr>
<td>021</td>
<td>Kentucky/KY</td>
</tr>
<tr>
<td>022</td>
<td>Louisiana/LA</td>
</tr>
<tr>
<td>023</td>
<td>Maine/ME</td>
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<tr>
<td>024</td>
<td>Maryland/MD</td>
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<td>025</td>
<td>Massachusetts/MA</td>
</tr>
<tr>
<td>026</td>
<td>Michigan/MI</td>
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<tr>
<td>027</td>
<td>Minnesota/MN</td>
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<tr>
<td>028</td>
<td>Mississippi/MS</td>
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<tr>
<td>029</td>
<td>Missouri/MO</td>
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<tr>
<td>030</td>
<td>Montana/MT</td>
</tr>
<tr>
<td>031</td>
<td>Nebraska/NE</td>
</tr>
<tr>
<td>032</td>
<td>Nevada/NV</td>
</tr>
<tr>
<td>033</td>
<td>New Hampshire/NH</td>
</tr>
<tr>
<td>034</td>
<td>New Jersey/NJ</td>
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<tr>
<td>035</td>
<td>New Mexico/NM</td>
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<tr>
<td>036</td>
<td>New York/NY</td>
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<tr>
<td>037</td>
<td>North Carolina/NC</td>
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<tr>
<td>038</td>
<td>North Dakota/ND</td>
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<tr>
<td>039</td>
<td>Ohio/ OH</td>
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<tr>
<td>040</td>
<td>Oklahoma/OK</td>
</tr>
<tr>
<td>041</td>
<td>Oregon/OR</td>
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<tr>
<td>042</td>
<td>Pennsylvania/PA</td>
</tr>
<tr>
<td>044</td>
<td>Rhode Island/RI</td>
</tr>
<tr>
<td>045</td>
<td>South Carolina/SC</td>
</tr>
<tr>
<td>046</td>
<td>South Dakota/SD</td>
</tr>
<tr>
<td>047</td>
<td>Tennessee/TN</td>
</tr>
<tr>
<td>048</td>
<td>Texas/TX</td>
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<tr>
<td>049</td>
<td>Utah/UT</td>
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<tr>
<td>050</td>
<td>Vermont/VT</td>
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<td>051</td>
<td>Virginia/VA</td>
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<tr>
<td>053</td>
<td>Washington/WA</td>
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<td>West Virginia/WV</td>
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<td>Wisconsin/WI</td>
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<tr>
<td>056</td>
<td>Wyoming/WY</td>
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<td>072</td>
<td>Puerto Rico</td>
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<td>109</td>
<td>France</td>
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<td>110</td>
<td>Germany</td>
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<tr>
<td>111</td>
<td>Northern Europe, Not Specified</td>
</tr>
<tr>
<td>113</td>
<td>Eastern Europe, Not Specified</td>
</tr>
<tr>
<td>114</td>
<td>Western Europe or Other Europe, Not Specified</td>
</tr>
<tr>
<td>120</td>
<td>Italy</td>
</tr>
<tr>
<td>134</td>
<td>Spain</td>
</tr>
<tr>
<td>138</td>
<td>United Kingdom, Excluding England</td>
</tr>
<tr>
<td>139</td>
<td>England</td>
</tr>
<tr>
<td>163</td>
<td>Russia</td>
</tr>
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</table>

79
164 .Ukraine  
200 .Afghanistan  
207 .China, Hong Kong, Macau And Paracel Islands  
210 .India  
214 .Israel  
215 .Japan  
217 .Korea  
229 .Nepal  
231 .Pakistan  
233 .Philippines  
235 .Saudi Arabia  
240 .Taiwan  
242 .Thailand  
243 .Turkey  
245 .United Arab Emirates  
247 .Vietnam  
251 .Eastern Asia, Not Specified  
252 .Western Asia, Not Specified  
253 .South Central Asia or Asia, Not Specified  
301 .Canada  
303 .Mexico  
312 .El Salvador  
313 .Guatemala  
314 .Honduras  
317 .Central America, Not Specified  
327 .Cuba  
329 .Dominican Republic  
332 .Haiti  
333 .Jamaica  
344 .Caribbean and North America, Not Specified  
362 .Brazil  
364 .Colombia  
365 .Ecuador  
370 .Peru  
373 .Venezuela  
374 .South America, Not Specified  
414 .Egypt  
416 .Ethiopia  
427 .Kenya  
440 .Nigeria  
467 .Western Africa, Not Specified  
468 .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
NAICSP Character 8

North American Industry Classification System (NAICS) recode for 2018 and later based on 2017 NAICS codes

b b b b b b b b b b b b b b . 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 Food
3115 . MFG-Dairy Product
3116 . MFG-Animal Slaughtering And Processing
311811 . MFG-Retail Bakeries
3118Z . MFG-Bakeries And Tortilla, Except Retail Bakeries
311M1 . MFG-Animal Food, Grain And Oilseed Milling
311M2 . MFG-Seafood And Other Miscellaneous Foods, N.E.C.
311S . MFG-Not Specified Food Industries
3121 . MFG-Beverage
3122 . MFG-Tobacco
3131 . MFG-Fiber, Yarn, And Thread Mills
3132Z . MFG-Fabric Mills, Except Knitting 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 And Hide Tanning And Finishing, And Other Leather And Allied Product
31M . MFG-Knitting Fabric Mills, And Apparel Knitting Mills
3211 . MFG-Sawmills And Wood Preservation
3212 . MFG-Veneer, Plywood, And Engineered Wood Products
32199M . MFG-Prefabricated Wood Buildings And Mobile Homes
32192M . MFG-Miscellaneous Wood Products
3221 . MFG-Pulp, Paper, And Paperboard Mills
32221 . MFG-Paperboard Container
3222M . MFG-Miscellaneous Paper And Pulp Products
3231 .MFG-Printing And Related Support Activities
3241M .MFG-Miscellaneous Petroleum And Coal Products
32411 .MFG-Petroleum Refining
3252 .MFG-Resin, Synthetic Rubber, And Fibers And Filaments
3253 .MFG-Agricultural Chemical
3254 .MFG-Pharmaceutical And Medicine
3255 .MFG-Paint, Coating, And Adhesive
3256 .MFG-Soap, Cleaning Compound, And Cosmetics
325M .MFG-Industrial And Miscellaneous Chemicals
3261 .MFG-Plastics Product
32621 .MFG-Tire
3262M .MFG-Rubber Products, Except Tires
32711 .MFG-Pottery, Ceramics, And Plumbing Fixture
327120 .MFG-Clay Building Material And Refractories
3272 .MFG-Glass And Glass Product
3279 .MFG-Miscellaneous Nonmetallic Mineral Product
327M .MFG-Cement, Concrete, Lime, And Gypsum Product
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 Product
3321 .MFG-Metal Forgings And Stampings
3322 .MFG-Cutlery And Hand Tool
3327 .MFG-Machine Shops; Turned Product; Screw, Nut, And Bolt
3328 .MFG-Coating, Engraving, Heat Treating, And Allied Activities
33299M .MFG-Ordnance
332M .MFG-Structural Metals, And Boiler, Tank, And Shipping Container
332MZ .MFG-Miscellaneous Fabricated Metal Products
33311 .MFG-Agricultural Implement
3331M .MFG-Construction, And Mining And Oil And Gas Field Machinery
3333 .MFG-Commercial And Service Industry Machinery
3335 .MFG-Metalworking Machinery
3336 .MFG-Engine, Turbine, And Power Transmission Equipment
333MS .MFG-Machinery, N.E.C. Or Not Specified
3341 .MFG-Computer And Peripheral Equipment
3345 .MFG-Navigational, Measuring, Electromedical, And Control Instruments
334M1 .MFG-Communications, Audio, And Video Equipment
334M2 .MFG-Electronic Component And Product, N.E.C.
3352 .MFG-Household Appliance
335M .MFG-Electric Lighting And Electrical Equipment, And Other Electrical Component, N.E.C.
33641M1 .MFG-Aircraft And Parts
33641M2 .MFG-Aerospace Products And Parts
3365 .MFG-Railroad Rolling Stock
3366 .MFG-Ship And Boat Building
3369 .MFG-Other Transportation Equipment
336M .MFG-Motor Vehicles And Motor Vehicle Equipment
337 .MFG-Furniture And Related Product
3391 .MFG-Medical Equipment And Supplies
3399M .MFG-Sporting And Athletic Goods, And Doll, Toy And Game
33992M .MFG-Miscellaneous Manufacturing, N.E.C.
33MS .MFG-Not Specified Metal Industries
<table>
<thead>
<tr>
<th>3MS</th>
<th>.MFG-Not Specified Manufacturing Industries</th>
</tr>
</thead>
<tbody>
<tr>
<td>4231</td>
<td>.WHL-Motor Vehicle And Motor Vehicle Parts And Supplies Merchant Wholesalers</td>
</tr>
<tr>
<td>4232</td>
<td>.WHL-Furniture And Home Furnishing Merchant Wholesalers</td>
</tr>
<tr>
<td>4233</td>
<td>.WHL-Lumber And Other Construction Materials Merchant Wholesalers</td>
</tr>
<tr>
<td>4234</td>
<td>.WHL-Professional And Commercial Equipment And Supplies Merchant Wholesalers</td>
</tr>
<tr>
<td>4235</td>
<td>.WHL-Metals And Minerals, Except Petroleum, Merchant Wholesalers</td>
</tr>
<tr>
<td>4236</td>
<td>.WHL-Household Appliances And Electrical And Electronic Goods Merchant Wholesalers</td>
</tr>
<tr>
<td>4237</td>
<td>.WHL-Hardware, And Plumbing And Heating Equipment, And Supplies Merchant Wholesalers</td>
</tr>
<tr>
<td>4238</td>
<td>.WHL-Machinery, Equipment, And Supplies Merchant Wholesalers</td>
</tr>
<tr>
<td>42393</td>
<td>.WHL-Recyclable Material Merchant Wholesalers</td>
</tr>
<tr>
<td>42392</td>
<td>.WHL-Miscellaneous Durable Goods Merchant Wholesalers</td>
</tr>
<tr>
<td>4241</td>
<td>.WHL-Paper And Paper Products Merchant Wholesalers</td>
</tr>
<tr>
<td>4243</td>
<td>.WHL-Apparel, Piece Goods, And Notions Merchant Wholesalers</td>
</tr>
<tr>
<td>4244</td>
<td>.WHL-Grocery And Related Product Merchant Wholesalers</td>
</tr>
<tr>
<td>4245</td>
<td>.WHL-Farm Product Raw Material Merchant Wholesalers</td>
</tr>
<tr>
<td>4247</td>
<td>.WHL-Petroleum And Petroleum Products Merchant Wholesalers</td>
</tr>
<tr>
<td>4248</td>
<td>.WHL-Alcoholic Beverages Merchant Wholesalers</td>
</tr>
<tr>
<td>42491</td>
<td>.WHL-Farm Supplies Merchant Wholesalers</td>
</tr>
<tr>
<td>42492</td>
<td>.WHL-Miscellaneous Nondurable Goods Merchant Wholesalers</td>
</tr>
<tr>
<td>424M</td>
<td>.WHL-Drugs, Sundries, And Chemical And Allied Products Merchant Wholesalers</td>
</tr>
<tr>
<td>4251</td>
<td>.WHL-Wholesale Electronic Markets And Agents And Brokers</td>
</tr>
<tr>
<td>42S</td>
<td>.WHL-Not Specified Wholesale Trade</td>
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<tr>
<td>4411</td>
<td>.RET-Automobile Dealers</td>
</tr>
<tr>
<td>4412</td>
<td>.RET-Other Motor Vehicle Dealers</td>
</tr>
<tr>
<td>4413</td>
<td>.RET-Automotive Parts, Accessories, And Tire Stores</td>
</tr>
<tr>
<td>442</td>
<td>.RET-Furniture And Home Furnishings Stores</td>
</tr>
<tr>
<td>443141</td>
<td>.RET-Household Appliance Stores</td>
</tr>
<tr>
<td>443142</td>
<td>.RET-Electronics Stores</td>
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<tr>
<td>44413</td>
<td>.RET-Hardware Stores</td>
</tr>
<tr>
<td>44412</td>
<td>.RET-Building Material And Supplies Dealers</td>
</tr>
<tr>
<td>4442</td>
<td>.RET-Lawn And Garden Equipment And Supplies Stores</td>
</tr>
<tr>
<td>44511</td>
<td>.RET-Supermarkets And Other Grocery (Except Convenience) Stores</td>
</tr>
<tr>
<td>44512</td>
<td>.RET-Convenience Stores</td>
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<tr>
<td>4452</td>
<td>.RET-Specialty Food Stores</td>
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<tr>
<td>4453</td>
<td>.RET-Beer, Wine, And Liquor Stores</td>
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<tr>
<td>44611</td>
<td>.RET-Pharmacies And Drug Stores</td>
</tr>
<tr>
<td>4462</td>
<td>.RET-Health And Personal Care, Except Drug, Stores</td>
</tr>
<tr>
<td>447</td>
<td>.RET-Gasoline Stations</td>
</tr>
<tr>
<td>44821</td>
<td>.RET-Shoe Stores</td>
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<tr>
<td>4483</td>
<td>.RET-Jewelry, Luggage, And Leather Goods Stores</td>
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<tr>
<td>4481</td>
<td>.RET-Clothing Stores</td>
</tr>
<tr>
<td>45113</td>
<td>.RET-Sewing, Needlework, And Piece Goods Stores</td>
</tr>
<tr>
<td>45114</td>
<td>.RET-Musical Instrument And Supplies Stores</td>
</tr>
<tr>
<td>4511M</td>
<td>.RET-Sporting Goods, And Hobby And Toy Stores</td>
</tr>
<tr>
<td>45121</td>
<td>.RET-Book Stores And News Dealers</td>
</tr>
<tr>
<td>45221</td>
<td>.RET-Department Stores</td>
</tr>
</tbody>
</table>
712 .ENT-Museums, Art Galleries, Historical Sites, And Similar Institutions
71395 .ENT-Bowling Centers
7132 .ENT-Other Amusement, Gambling, And Recreation Industries
7211 .ENT-Traveleer Accommodation
721M .ENT-Recreational Vehicle Parks And Camps, And Rooming And Boarding Houses, Dormitories, And Workers' Camps
7224 .ENT-Drinking Places, Alcoholic Beverages
7222 .ENT-Restaurants And Other Food Services
811192 .SRV-Car Washes
81112 .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, And Cemeteries And Crematories
8123 .SRV-Drycleaning And Laundry Services
8129 .SRV-Other Personal Services
8131 .SRV-Religious Organizations
81393 .SRV-Labor Unions
81392 .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-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, With No Work Experience In The Last 5 Years 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)
0 .No
1 .Yes

OCCP
Character 4
Occupation recode for 2018 and later based on 2018 OCC codes
bbbb .N/A (less than 16 years old/NILF who last worked more than .5 years ago or never worked)
0010 .MGR-Chief Executives And Legislators
0020 .MGR-General And Operations Managers
0040 .MGR-Advertising And Promotions Managers
0051 .MGR-Marketing Managers
0052 .MGR-Sales Managers
0060 .MGR-Public Relations And Fundraising Managers
0101 .MGR-Administrative Services Managers
0102 .MGR-Facilities Managers
0110 .MGR-Computer And Information Systems Managers
0120 .MGR-Financial Managers
0135 .MGR-Compensation And Benefits Managers
0136 .MGR-Human Resources Managers
0137 .MGR-Training And Development Managers
0140 .MGR-Industrial Production Managers
0150 .MGR-Purchasing Managers
0160 .MGR-Transportation, Storage, And Distribution Managers
0205 .MGR-Farmers, Ranchers, And Other Agricultural Managers
0220 .MGR-Construction Managers
0230 .MGR-Education And Childcare Administrators
0300 .MGR-Architectural And Engineering Managers
0310 .MGR-Computer And Information Systems Managers
0335 .MGR-Entertainment And Recreation Managers
0340 .MGR-Lodging Managers
0350 .MGR-Medical And Health Services Managers
0360 .MGR-Natural Sciences Managers
0410 .MGR-Property, Real Estate, And Community Association Managers
0420 .MGR-Social And Community Service Managers
0425 .MGR-Emergency Management Directors
0440 .MGR-Other Managers
0500 .BUS-Agents And Business Managers Of Artists, Performers, And Athletes
0510 .BUS-Buyers And Purchasing Agents, Farm Products
0520 .BUS-Wholesale And Retail Buyers, Except Farm Products
0530 .BUS-Purchasing Agents, Except Wholesale, Retail, And Farm Products
0540 .BUS-Claims Adjusters, Appraisers, Examiners, And Investigators
0565 .BUS-Compliance Officers
0600 .BUS-Cost Estimators
0630 .BUS-Human Resources Workers
0640 .BUS-Compensation, Benefits, And Job Analysis Specialists
0650 .BUS-Training And Development Specialists
0700 .BUS-Logisticians
0705 .BUS-Project Management Specialists
0710 .BUS-Management Analysts
0725 .BUS-Meeting, Convention, And Event Planners
0726 .BUS-Fundraisers
0735 .BUS-Market Research Analysts And Marketing Specialists
0750 .BUS-Business Operations Specialists, All Other
0800 .FIN-Accountants And Auditors
0810 .FIN-Property Appraisers and Assessors
0820 .FIN-Budget Analysts
0830 .FIN-Credit Analysts
0845 .FIN-Financial And Investment Analysts
0850 .FIN-Personal Financial Advisors
0860 .FIN-Insurance Underwriters
0900 .FIN-Financial Examiners
0910 .FIN-Credit Counselors And Loan Officers
0930 .FIN-Tax Examiners And Collectors, And Revenue Agents
0940 .FIN-Tax Preparers
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 .ENG-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
1760 .SCI-Physical Scientists, All Other
1800 .SCI-Economists
1821 .SCI-Clinical And Counseling Psychologists
1822 .SCI-School Psychologists
1825 .SCI-Other Psychologists
1840 .SCI-Urban And Regional Planners
1860 .SCI-Other Social Scientists
1900 .SCI-Agricultural And Food Science Technicians
1910 .SCI-Biological Technicians
1920 .SCI-Chemical Technicians
1935 .SCI-Environmental Science and Geoscience Technicians, And Nuclear Technicians
1970 .SCI-Other Life, Physical, And Social Science Technicians
1980 .SCI-Occupational Health And Safety Specialists and Technicians
2001 .CMS-Substance Abuse And Behavioral Disorder Counselors
2002 .CMS-Educational, Guidance, And Career Counselors And Advisors
2003 .CMS-Marriage And Family Therapists
2004 .CMS-Mental Health Counselors
2005 .CMS-Rehabilitation Counselors
2006 .CMS-Counselors, All Other
2011 .CMS-Child, Family, And School Social Workers
2012 .CMS-Healthcare Social Workers
2013 .CMS-Mental Health And Substance Abuse Social Workers
2014 .CMS-Social Workers, All Other
2015 .CMS-Probation Officers And Correctional Treatment Specialists
2016 .CMS-Social And Human Service Assistants
2025 .CMS-Other Community And Social Service Specialists
2040 .CMS-Clergy
2050 .CMS-Directors, Religious Activities And Education
2060 .CMS-Religious Workers, All Other
2100 .LGL-Lawyers, And Judges, Magistrates, And Other Judicial Workers
2105 .LGL-Judicial Law Clerks
2145 .LGL-Paralegals And Legal Assistants
Title Examiners, Abstractors, and Searchers
Legal Support Workers, All Other
Postsecondary Teachers
Preschool And Kindergarten Teachers
Elementary And Middle School Teachers
Secondary School Teachers
Special Education Teachers
Tutors
Other Teachers and Instructors
Archivists, Curators, And Museum Technicians
Librarians And Media Collections Specialists
Library Technicians
Teaching Assistants
Other Educational Instruction and Library Workers
Artists And Related Workers
Commercial And Industrial Designers
Fashion Designers
Floral Designers
Graphic Designers
Interior Designers
Merchandise Displayers And Window Trimmers
Other Designers
Actors
Producers And Directors
Athletes and Sports Competitors
Coaches and Scouts
Umpires, Referees, And Other Sports Officials
Dancers And Choreographers
Music Directors and Composers
Musicians and Singers
Disc Jockeys, Except Radio
Entertainers And Performers, Sports and Related
Workers, All Other
Broadcast Announcers And Radio Disc Jockeys
News Analysts, Reporters, And Journalists
Public Relations Specialists
Technical Writers
Editors
Interpreters and Translators
Court Reporters and Simultaneous Captioners
Media And Communication Workers, All Other
Other Media And Communication Equipment Workers
Photographers
Television, Video, And Film Camera Operators And
Editors
Chiropractors
Dentists
Dietitians And Nutritionists
Optometrists
Pharmacists
Surgeons
Physician Assistants
Podiatrists
Audiologists
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 Dosimetrists
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 Firefighting And Prevention
.Workers
3725 .PRT-Miscellaneous First-Line Supervisors, Protective
.Service Workers
3740 .PRT-Firefighters
3750 .PRT-Fire Inspectors
3801 .PRT-Bailiffs
3802 .PRT-Correctional Officers and Jailers
9200 .SAL-First-Line Supervisors Of Retail Sales Workers
9210 .SAL-First-Line Supervisors Of Non-Retail Sales Workers
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
5940 .OFF-Other Office And Administrative Support Workers
6005 .FFF-First-Line Supervisors Of Farming, Fishing, And Forestry Workers
6010 .FFF-Agricultural Inspectors
6040 .FFF-Graders And Sorters, Agricultural Products
6050 .FFF-Other Agricultural Workers
6115 .FFF-Fishing And Hunting Workers
6120 .FFF-Forest And Conservation Workers
6130 .FFF-Logging Workers
6200 .CON-First-Line Supervisors Of Construction Trades And Extraction Workers
6210 .CON-Boilermakers
6220 .CON-Brickmasons, Blockmasons, Stonemasons, And Reinforcing Iron And Rebar Workers
6230 .CON-Carpenters
6240 .CON-Carpet, Floor, And Tile Installers And Finishers
6250 .CON-Cement Masons, Concrete Finishers, And Terrazzo Workers
6260 .CON-Construction Laborers
6305 .CON-Construction Equipment Operators
6330 .CON-Drywall Installers, Ceiling Tile Installers, And Tapers
6355 .CON-Electricians
6360 .CON-Glaziers
6400 .CON-Insulation Workers
6410 .CON-Painters and Paperhangers
6441 .CON-Pipelayers
6442 .CON-Plumbers, Pipefitters, And Steamfitters
6460 .CON-Plasterers And Stucco Masons
6515 .CON-Roofers
6520 .CON-Sheet Metal Workers
6530 .CON-Structural Iron And Steel Workers
6540 .CON-Solar Photovoltaic Installers
6600 .CON-Helpers, Construction Trades
6660 .CON-Construction And Building Inspectors
6700 .CON-Elevator And Escalator Installers And Repairers
6710 .CON-Fence Erectors
6720 .CON-Hazardous Materials Removal Workers
6730 .CON-Highway Maintenance Workers
6740 .CON-Rail-Track Laying And Maintenance Equipment Operators
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<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 And Gas</td>
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<tr>
<td>6825</td>
<td>.EXT-Surface Mining Machine Operators And Earth Drillers</td>
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<tr>
<td>6835</td>
<td>.EXT-Explosives Workers, Ordnance Handling Experts, and Blasters</td>
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<tr>
<td>6850</td>
<td>.EXT-Underground Mining Machine Operators</td>
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<tr>
<td>6950</td>
<td>.EXT-Other Extraction Workers</td>
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<tr>
<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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<tr>
<td>7020</td>
<td>.RPR-Radio And Telecommunications Equipment Installers And Repairers</td>
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<tr>
<td>7030</td>
<td>.RPR-Avionics Technicians</td>
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<tr>
<td>7040</td>
<td>.RPR-Electric Motor, Power Tool, And Related Repairers</td>
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<tr>
<td>7100</td>
<td>.RPR-Other Electrical And Electronic Equipment Mechanics, Installers, And Repairers</td>
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<td>7120</td>
<td>.RPR-Audiovisual 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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<td>7140</td>
<td>.RPR-Aircraft Mechanics And Service Technicians</td>
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<td>7150</td>
<td>.RPR-Automotive Body And Related Repairers</td>
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<td>.RPR-Automotive Glass Installers And Repairers</td>
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<td>7200</td>
<td>.RPR-Automotive Service Technicians And Mechanics</td>
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<td>7210</td>
<td>.RPR-Bus And Truck Mechanics And Diesel Engine Specialists</td>
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<td>.RPR-Heavy Vehicle And Mobile Equipment Service Technicians</td>
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<tr>
<td>7240</td>
<td>.RPR-Small Engine Mechanics</td>
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<td>7260</td>
<td>.RPR-Miscellaneous Vehicle And Mobile Equipment Mechanics, Installers, And Repairers</td>
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<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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<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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<td>.RPR-Electrical Power-Line Installers And Repairers</td>
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<td>.RPR-Telecommunications Line Installers And Repairers</td>
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<td>.RPR-Precision Instrument And Equipment Repairers</td>
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<td>7510</td>
<td>.RPR-Coin, Vending, And Amusement Machine Servicers And Repairers</td>
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<td>.RPR-Locksmiths And Safe Repairers</td>
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<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>.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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<td>.PRD-Engine And Other Machine Assemblers</td>
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<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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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
9050 .TRN-Flight Attendants
9110 .TRN-Ambulance Drivers And Attendants, Except Emergency Medical Technicians
9121 .TRN-Bus Drivers, School
9122 .TRN-Bus Drivers, Transit And Intercity
9130 .TRN-Driver/Sales Workers And Truck Drivers
9141 .TRN-Shuttle Drivers And Chauffeurs
9142 .TRN-Taxi Drivers
9150 .TRN-Motor Vehicle Operators, All Other
9210 .TRN-Locomotive Engineers And Operators
9240 .TRN-Railroad Conductors And Yardmasters
9265 .TRN-Other Rail Transportation Workers
9300 .TRN-Sailors And Marine Oilers, And Ship Engineers
9310 .TRN-Ship And Boat Captains And Operators
9350 .TRN-Parking Attendants
9365 .TRN-Transportation Service Attendants
9410 .TRN-Transportation Inspectors
9415 .TRN-Passenger Attendants
9430 .TRN-Other Transportation Workers
9510 .TRN-Crane And Tower Operators
9570 .TRN-Conveyor, Dredge, And Hoist and Winch Operators
9600 .TRN-Industrial Truck And Tractor Operators
9610 .TRN-Cleaners Of Vehicles And Equipment
9620 .TRN-Laborers And Freight, Stock, And Material Movers, Hand
9630 .TRN-Machine Feeders And Offbearers
9640 .TRN-Packers And Packagers, Hand
9645 .TRN-Stockers And Order Fillers
9650 .TRN-Pumping Station Operators
9720 .TRN-Refuse And Recyclable Material Collectors
9760 .TRN-Other Material Moving Workers
9800 .MIL-Military Officer Special And Tactical Operations Leaders
9810 .MIL-First-Line Enlisted Military Supervisors
9825 .MIL-Military Enlisted Tactical Operations And Air/Weapons Specialists And Crew Members
9830 .MIL-Military, Rank Not Specified
9920 .Unemployed, With No Work Experience In The Last 5 Years Or Earlier Or Never Worked
PAOC  Character  1
Presence and age of own children
b  .N/A (male/female under 16 years old/GQ)
1  .Females with own children under 6 years only
2  .Females with own children 6 to 17 years only
3  .Females with own children under 6 years and 6 to 17 years
4  .Females with no own children

PERNP  Numeric  7
Total person's earnings (use ADJINC to adjust to constant dollars)
bbbbbbb  .N/A (less than 16 years old)
0  .No earnings
-10000  .Loss of $10000 or more (Rounded and bottom-coded components)
-9999..-1  .Loss $1 to $9999 (Rounded components)
1..1999998  .$1 to $1999998 (Rounded and top-coded components)

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
-19998  .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
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<td>Yemen</td>
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POVPIP  Numeric  3
Income-to-poverty ratio recode
bbb  .N/A (individuals who are under 15 and are either living
   in a housing unit but are unrelated to the householder
   or are living in select group quarters)
0..500  .Below 501 percent
501  .501 percent or more

POWPUMA  Character  5
Place of work PUMA based on 2010 Census definition
bbbbbb  .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
PRIVCOV Character 1
Private health insurance coverage recode
1. With private health insurance coverage
2. Without private health insurance coverage

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

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

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

**RAC2P**  
Character 2  
Recoded detailed race code  
01. White alone  
02. Black or African American alone  
03. Apache alone  
04. Blackfeet alone  
05. Cherokee alone  
06. Cheyenne alone  
07. Chickasaw alone  
08. Chippewa alone  
09. Choctaw alone  
10. Comanche alone  
11. Creek alone  
12. Crow alone  
13. Hopi alone  
14. Iroquois alone  
15. Lumbee alone  
16. Mexican American Indian alone  
17. Navajo alone  
18. Pima alone  
19. Potawatomi alone  
20. Pueblo alone  
21. Puget Sound Salish alone  
22. Seminole alone  
23. Sioux alone  
24. South American Indian alone  
25. Tohono O'Odham alone  
26. Yaqui alone
27 .Other specified American Indian tribes alone
28 .All other specified American Indian tribe combinations
29 .American Indian, tribe not specified
30 .Alaskan Athabascan alone
31 .Tlingit-Haida alone
32 .Inupiat alone
33 .Yup'ik alone
34 .Aleut alone
35 .Other Alaska Native
36 .Other American Indian and Alaska Native specified
37 .American Indian and Alaska Native, not specified
38 .Asian Indian alone
39 .Bangladeshi alone
40 .Bhutanese alone
41 .Burmese alone
42 .Cambodian alone
43 .Chinese, except Taiwanese, alone
44 .Taiwanese alone
45 .Filipino alone
46 .Hmong alone
47 .Indonesian alone
48 .Japanese alone
49 .Korean alone
50 .Laotian alone
51 .Malaysian alone
52 .Mongolian alone
53 .Nepalese alone
54 .Pakistani alone
55 .Sri Lankan alone
56 .Thai alone
57 .Vietnamese alone
58 .Other Asian alone
59 .All combinations of Asian races only
60 .Native Hawaiian alone
61 .Samoaan alone
62 .Tongan alone
63 .Chamorro alone
64 .Marshallese alone
65 .Fijian alone
66 .Other Native Hawaiian and Other Pacific Islander
67 .Some Other Race alone
68 .Two or More Races

**RAC3P**

**Character 3**

Recoded detailed race code

001 .White alone
002 .Black or African American alone
003 .American Indian and Alaska Native alone
004 .Asian Indian alone
005 .Chinese alone
006 .Filipino alone
007 .Japanese alone
008 .Korean alone
009 .Vietnamese alone
010 .Other Asian alone
011 .Native Hawaiian alone
012 .Chamorro alone
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075  Black or African American; Native Hawaiian and Other Pacific Islander groups
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077  Filipino; Asian groups
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090  Black or African American; American Indian and Alaska Native; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
091  Black or African American; Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
092  American Indian and Alaska Native; Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
093  Asian Indian; and/or White; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
094  Chinese; Japanese; Native Hawaiian; and/or other Asian and/or Pacific Islander groups
095  Chinese; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
096  Filipino; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
097  Japanese; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
098. Korean; and/or Vietnamese; and/or Other Asian; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
099. Native Hawaiian; and/or Pacific Islander groups; and/or Some Other Race
100. White; and/or Black or African American; and/or American Indian and Alaska Native; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race

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

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

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

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

**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)
0 .No
1 .Yes

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

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

SFR 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 one-parent 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
bbbbbbb .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
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-Other Life Scientists
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 SCI-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-Preschool 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 Window 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 Communication Workers, All Other
2740XX .ENT-Other Media And Communication Equipment Workers
274021 .ENT-Photographers
274030 .ENT-Television, Video, And Film Camera Operators And .Editors
291011 .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
291124 .MED-Radiation Therapists
291125 .MED-Recreational Therapists
291126 .MED-Respiratory Therapists
291127 .MED-Speech-Language Pathologists
29112X .MED-Other Therapists
291131 .MED-Veterinarians
291141 .MED-Registered Nurses
291151 .MED-Nurse Anesthetists
291181 .MED-Audiologists
2911XX .MED-Nurse Practitioners, And Nurse Midwives
291291 .MED-Acupuncturists
291299 .MED-Healthcare Diagnosing Or Treating Practitioners, All .Other
292010 .MED-Clinical Laboratory Technologists And Technicians
291292 .MED-Dental Hygienists
292031 .MED-Cardiovascular Technologists And Technicians
292032 .MED-Diagnostic Medical Sonographers
292034 .MED-Radiologic Technologists And Technicians
292035 .MED-Magnetic Resonance Imaging Technologists
29203X .MED-Nuclear Medicine Technologists And Medical .Dosimetrists
292042 .MED-Emergency Medical Technicians
292043 .MED-Paramedics
292052 .MED-Pharmacy Technicians
292053 .MED-Psychiatric Technicians
292055 .MED-Surgical Technologists
292056 .MED-Veterinary Technologists And Technicians
29205X .MED-Dietetic Technicians And Ophthalmic Medical .Technicians
292061 .MED-Licensed Practical And Licensed Vocational Nurses
292072 .MED-Medical Records Specialists
292081 .MED-Opticians, Dispensing
292090 .MED-Miscellaneous Health Technologists And Technicians
299000 .MED-Other Healthcare Practitioners And Technical .Occupations
311121 .HLS-Home Health Aides

113
311122 .HLS-Personal Care Aides
311131 .HLS-Nursing Assistants
31113X .HLS-Orderlies And Psychiatric Aides
312010 .HLS-Occupational Therapy Assistants And Aides
312020 .HLS-Physical Therapist Assistants And Aides
319011 .HLS-Massage Therapists
319091 .HLS-Dental Assistants
319092 .HLS-Medical Assistants
319094 .HLS-Medical Transcriptionists
319095 .HLS-Pharmacy Aides
319096 .HLS-Veterinary Assistants And Laboratory Animal Caretakers
319097 .HLS-Phlebotomists
31909X .HLS-Other Healthcare Support Workers
331011 .PRT-First-Line Supervisors Of Correctional Officers
331012 .PRT-First-Line Supervisors Of Police And Detectives
331021 .PRT-First-Line Supervisors Of Firefighting And Prevention Workers
331090 .PRT-Miscellaneous First-Line Supervisors, Protective Service Workers
332011 .PRT-Firefighters
332020 .PRT-Fire Inspectors
333011 .PRT-Bailiffs
333012 .PRT-Correctional Officers And Jailers
333021 .PRT-Detectives And Criminal Investigators
3330XX .PRT-Fish And Game Wardens And Parking Enforcement Officers
333050 .PRT-Police Officers
339011 .PRT-Animal Control Workers
339021 .PRT-Private Detectives And Investigators
339030 .PRT-Security Guards And Gambling Surveillance Officers
339091 .PRT-Crossing Guards And Flaggers
339093 .PRT-Transportation Security Screeners
339094 .PRT-School Bus Monitors
33909X .PRT-Other Protective Service Workers
351011 .EAT-Chefs And Head Cooks
351012 .EAT-First-Line Supervisors Of Food Preparation And Serving Workers
352010 .EAT-Cooks
352021 .EAT-Food Preparation Workers
353011 .EAT-Bartenders
353023 .EAT-Fast Food And Counter Workers
353031 .EAT-Waiters And Waitresses
353041 .EAT-Food Servers, Nonrestaurant
359011 .EAT-Dining Room And Cafeteria Attendants And Bartender Helpers
359021 .EAT-Dishwashers
359031 .EAT-Hosts And Hostesses, Restaurant, Lounge, And Coffee Shop
359099 .EAT-Food Preparation And Serving Related Workers, All Other
371011 .CLN-First-Line Supervisors Of Housekeeping And Janitorial Workers
371012 .CLN-First-Line Supervisors Of Landscaping, Lawn Service, And Groundskeeping Workers
37201X .CLN-Janitors And Building Cleaners
372012 .CLN-Maids And Housekeeping Cleaners
<table>
<thead>
<tr>
<th>Code</th>
<th>Occupation</th>
</tr>
</thead>
<tbody>
<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>
<tr>
<td>435032</td>
<td>OFF-Dispatchers, Except Police, Fire, And Ambulance</td>
</tr>
<tr>
<td>435041</td>
<td>OFF-Meter Readers, Utilities</td>
</tr>
<tr>
<td>435051</td>
<td>OFF-Postal Service Clerks</td>
</tr>
<tr>
<td>435052</td>
<td>OFF-Postal Service Mail Carriers</td>
</tr>
<tr>
<td>435053</td>
<td>OFF-Postal Service Mail Sorters, Processors, And .Processing Machine Operators</td>
</tr>
<tr>
<td>435061</td>
<td>OFF-Production, Planning, And Expediting Clerks</td>
</tr>
<tr>
<td>435071</td>
<td>OFF-Shipping, Receiving, And Inventory Clerks</td>
</tr>
<tr>
<td>435111</td>
<td>OFF-Weighers, Measurers, Checkers, And Samplers, .Recordkeeping</td>
</tr>
<tr>
<td>436011</td>
<td>OFF-Executive Secretaries And Executive Administrative .Assistants</td>
</tr>
<tr>
<td>436012</td>
<td>OFF-Legal Secretaries And Administrative Assistants</td>
</tr>
<tr>
<td>436013</td>
<td>OFF-Medical Secretaries And Administrative Assistants</td>
</tr>
<tr>
<td>436014</td>
<td>OFF-Secretaries And Administrative Assistants, Except .Legal, Medical, And Executive</td>
</tr>
<tr>
<td>439021</td>
<td>OFF-Data Entry Keyers</td>
</tr>
<tr>
<td>439022</td>
<td>OFF-Word Processors And Typists</td>
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<tr>
<td>439041</td>
<td>OFF-Insurance Claims And Policy Processing Clerks</td>
</tr>
<tr>
<td>439051</td>
<td>OFF-Mail Clerks And Mail Machine Operators, Except Postal .Service</td>
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<tr>
<td>439061</td>
<td>OFF-Office Clerks, General</td>
</tr>
<tr>
<td>439071</td>
<td>OFF-Office Machine Operators, Except Computer</td>
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<tr>
<td>439081</td>
<td>OFF-Proofreaders And Copy Markers</td>
</tr>
<tr>
<td>439111</td>
<td>OFF-Statistical Assistants</td>
</tr>
<tr>
<td>439XXX</td>
<td>OFF-Other Office And Administrative Support Workers</td>
</tr>
<tr>
<td>451011</td>
<td>FFP-First-Line Supervisors Of Farming, Fishing, And .Forestry Workers</td>
</tr>
<tr>
<td>452011</td>
<td>FFP-Agricultural Inspectors</td>
</tr>
<tr>
<td>452041</td>
<td>FFP-Graders And Sorters, Agricultural Products</td>
</tr>
<tr>
<td>4520XX</td>
<td>FFP-Other Agricultural Workers</td>
</tr>
<tr>
<td>453031</td>
<td>FFP-Fishing And Hunting Workers</td>
</tr>
<tr>
<td>454011</td>
<td>FFP-Forest And Conservation Workers</td>
</tr>
<tr>
<td>454020</td>
<td>FFP-Logging Workers</td>
</tr>
<tr>
<td>471011</td>
<td>CON-First-Line Supervisors Of Construction Trades And .Extraction Workers</td>
</tr>
<tr>
<td>472011</td>
<td>CON-Boilermakers</td>
</tr>
</tbody>
</table>
493090 .RPR-Miscellaneous Vehicle And Mobile Equipment Mechanics, Installers, And Repairers
499010 .RPR-Control And Valve Installers And Repairers
499021 .RPR-Heating, Air Conditioning, And Refrigeration Mechanics And Installers
499031 .RPR-Home Appliance Mechanics
499040 .RPR-Precision Instrument And Equipment Repairers
499051 .RPR-Electrical Power-Line Installers And Repairers
499052 .RPR-Telecommunications Line Installers And Repairers
511011 .PRD-First-Line Supervisors Of Production And Operating Workers
512020 .PRD-Electrical, Electronics, And Electromechanical Assemblers
512031 .PRD-Engine And Other Machine Assemblers
512041 .PRD-Structural Metal Fabricators And Fitters
5120XX .PRD-Other Assemblers and Fabricators
513011 .PRD-Bakers
513020 .PRD-Butchers And Other Meat, Poultry, And Fish Processing Workers
513091 .PRD-Food And Tobacco Roasting, Baking, And Drying Machine Operators And Tenders
513092 .PRD-Food Batchmakers
513093 .PRD-Food Cooking Machine Operators And Tenders
513099 .PRD-Food Processing Workers, All Other
519160 .PRD-Computer Numerically Controlled Tool Operators And Programmers
514020 .PRD-Forming Machine Setters, Operators, And Tenders, Metal And Plastic
514031 .PRD-Cutting, Punching, And Press Machine Setters, Operators, And Tenders, Metal And Plastic
514033 .PRD-Grinding, Lapping, Polishing, And Buffing Machine Tool Setters, Operators, And Tenders, Metal and Plastic
51403X .PRD-Other Machine Tool Setters, Operators, And Tenders, Metal And Plastic
514041 .PRD-Machinists
514050 .PRD-Metal Furnace Operators, Tenders, Pourers, And Casters
5140XX .PRD-Model Makers, Patternmakers, And Molding Machine Setters, Metal And Plastic
514111 .PRD-Tool And Die Makers
514120 .PRD-Welding, Soldering, And Brazing Workers
514XXX .PRD-Other Metal Workers And Plastic Workers
515111 .PRD-Prepress Technicians And Workers
515112 .PRD-Printing Press Operators
515113 .PRD-Print Binding And Finishing Workers
516011 .PRD-Laundry And Dry-Cleaning Workers
516021 .PRD-Pressers, Textile, Garment, And Related Materials
516031 .PRD-Sewing Machine Operators
516040 .PRD-Shoe And Leather Workers
516050 .PRD-Tailors, Dressmakers, And Sewers
516060 .PRD-Textile Machine Setters, Operators, And Tenders
516093 .PRD-Upholsterers
51609X .PRD-Other Textile, Apparel, And Furnishings Workers
517011 .PRD-Cabinetmakers And Bench Carpenters
517021 .PRD-Furniture Finishers
517041 .PRD-Sawing Machine Setters, Operators, And Tenders, Wood
517042 .PRD-Woodworking Machine Setters, Operators, And Tenders, Except Sawing
5170XX .PRD-Other Woodworkers
518010 .PRD-Power Plant Operators, Distributors, And Dispatchers
518021 .PRD-Stationary Engineers And Boiler Operators
518031 .PRD-Water And Wastewater Treatment Plant And System Operators
518090 .PRD-Miscellaneous Plant And System Operators
519010 .PRD-Chemical Processing Machine Setters, Operators, And Tenders
519020 .PRD-Crushing, Grinding, Polishing, Mixing, And Blending Workers
519030 .PRD-Cutting Workers
519041 .PRD-Extruding, Forming, Pressing, And Compacting Machine Setters, Operators, And Tenders
519051 .PRD-Furnace, Kiln, Oven, Drier, And Kettle Operators And Tenders
519061 .PRD-Inspectors, Testers, Sorters, Samplers, And Weighers
519071 .PRD-Jewelers And Precious Stone And Metal Workers
519080 .PRD-Dental And Ophthalmic Laboratory Technicians And Medical Appliance Technicians
519111 .PRD-Packaging And Filling Machine Operators And Tenders
519120 .PRD-Painting Workers
519151 .PRD-Photographic Process Workers And Processing Machine Operators
519191 .PRD-Adhesive Bonding Machine Operators And Tenders
519194 .PRD-Etchers And Engravers
519195 .PRD-Molders, Shapers, And Casters, Except Metal And Plastic
519196 .PRD-Paper Goods Machine Setters, Operators, And Tenders
519197 .PRD-Tire Builders
519198 .PRD-Helpers—Production Workers
5191XX .PRD-Miscellaneous Production Workers, Including Equipment Operators and Tenders
531000 .TRN-Supervisors Of Transportation And Material Moving Workers
532010 .TRN-Aircraft Pilots And Flight Engineers
532020 .TRN-Air Traffic Controllers And Airfield Operations Specialists
532031 .TRN-Flight Attendants
533011 .TRN-Ambulance Drivers And Attendants, Except Emergency Medical Technicians
533051 .TRN-Bus Drivers, School
533052 .TRN-Bus Drivers, Transit And Intercity
533030 .TRN-Dr Driver/Sales Workers And Truck Drivers
533053 .TRN-Shuttle Drivers and Chauffeurs
533054 .TRN-Taxi Drivers
533099 .TRN-Motor Vehicle Operators, All Other
534010 .TRN-Locomotive Engineers And Operators
534031 .TRN-Railroad Conductors And Yardmasters
5340XX .TRN-Other Rail Transportation Workers
5350XX .TRN-Sailors And Marine Oilers, And Ship Engineers
535020 .TRN-Ship And Boat Captains And Operators
536021 .TRN-Parking Attendants
536030 .TRN-Transportation Service Attendants
536051 .TRN-Transportation Inspectors
536061 .TRN-Passenger Attendants
5360XX .TRN-Other Transportation Workers
537021 .TRN-Crane And Tower Operators
5370XX .TRN-Conveyor, Dredge, And Hoist And Winch Operators
537051 .TRN-Industrial Truck And Tractor Operators
537061 .TRN-Cleaners Of Vehicles And Equipment
537062 .TRN-Laborers And Freight, Stock, And Material Movers, Hand
537063 .TRN-Machine Feeders And Offbearers
537064 .TRN-Packers And Packagers, Hand
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, With No Work Experience In The Last 5 Years 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
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 (POBP = 001-059)
2 .PR and US Island Areas (POBP = 061-099)
3 .Latin America (POBP = 303,310-399)
4 .Asia (POBP = 158-159,161,200-299)
5 .Europe (POBP = 100-157,160,162-199)
6 .Africa (POBP = 400-499)
7 .Northern America (POBP = 300-302,304-309)
8 .Oceania and at Sea (POBP = 060,500-554)

PERSON RECORD-ALLOCATION FLAGS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**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

FHIMRKSP  Character  1
Subsidized Marketplace Coverage 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 (enrolled for VA health care) allocation flag
     0 .No
     1 .Yes

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

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

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

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

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

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

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

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

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

FLANXP   Character  1
   Language other than English allocation flag
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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
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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
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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
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1 . Yes

FPOWSF Character 1
Place of work state allocation flag
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FPRIVCVP Character 1
Private health insurance coverage recode allocation flag
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FPUBCOVP Character 1
Public health coverage recode allocation flag
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1 . Yes

FRACP Character 1
Detailed race allocation flag
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FRELSHIPP Character 1
Relationship allocation flag
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FRETP Character 1
Retirement income allocation flag
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FSCHGP  Character  1
Grade attending allocation flag
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FSCHLP  Character  1
Highest education allocation flag
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FSCHP  Character  1
School enrollment allocation flag
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FSEMP  Character  1
Self-employment income allocation flag
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FSEXN  Character  1
Sex allocation flag
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FSSIP  Character  1
Supplementary Security Income allocation flag
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FSSP  Character  1
Social Security income allocation flag
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FWAGP  Character  1
Wages and salary income allocation flag
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FWKHP  Character  1
Usual hours worked per week past 12 months allocation flag
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FWKLP  Character  1
Last worked allocation flag
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FWKNP  Character  1
Weeks worked past 12 months allocation flag
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FWRKP  Character  1
Worked last week allocation flag
0 .No
1 .Yes

FYOEP  Character  1
Year of entry allocation flag
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1 .Yes

PERSON RECORD-REPPLICATE WEIGHTS

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

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

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

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

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

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

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

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

PWGTP9  Numeric  5
Person's Weight replicate 9
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PWGTP10  Numeric  5
Person's Weight replicate 10
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PWGTP11  Numeric  5
Person's Weight replicate 11
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Person's Weight replicate 55
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PWGTP58  Numeric  5
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PWGTP59  Numeric  5
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PWGTP60  Numeric  5
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PWGTP61  Numeric  5
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PWGTP62  Numeric  5
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