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
2019GQ0000001..2019GQ9999999 .GQ Unique identifier
2019HU00000001..2019HU9999999 .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
03  Arizona/AZ
05  Arkansas/AR
06  California/CA
08  Colorado/CO
09  Connecticut/CT
10 .Delaware/DE
11 .District of Columbia/DC
12 .Florida/FL
13 .Georgia/GA
14 .Hawaii/HI
15 .Illinois/IL
16 .Idaho/ID
17 .Indiana/IN
18 .Iowa/IA
19 .Kansas/KS
20 .Kentucky/KY
21 .Louisiana/LA
22 .Maine/ME
23 .Maryland/MD
24 .Massachusetts/MA
25 .Michigan/MI
26 .Minnesota/MN
27 .Mississippi/MS
28 .Missouri/MO
29 .Montana/MT
30 .Nebraska/NE
31 .Nevada/NV
32 .New Hampshire/NH
33 .New Jersey/NJ
34 .New Mexico/NM
35 .New York/NY
36 .North Carolina/NC
37 .North Dakota/ND
38 .Ohio/OH
39 .Oklahoma/OK
40 .Oregon/OR
41 .Pennsylvania/PA
42 .Rhode Island/RI
43 .South Carolina/SC
44 .South Dakota/SD
45 .Tennessee/TN
46 .Texas/TX
47 .Utah/UT
48 .Vermont/VT
49 .Virginia/VA
50 .Washington/WA
51 .West Virginia/WV
52 .Wisconsin/WI
53 .Wyoming/WY
54 .Puerto Rico/PR

ADJHSG Character 7
Adjustment factor for housing dollar amounts (6 implied decimal places)
1000000 .2019 factor (1.000000)

ADJINC Character 7
Adjustment factor for income and earnings dollar amounts (6 implied decimal places)
1010145 .2019 factor (1.010145)

WGTP Numeric 5
Housing Unit Weight
Group quarters placeholder record

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

TYPE

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

HOUSING RECORD—HOUSING UNIT VARIABLES

ACCESS

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

ACR

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

AGS

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

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

CONP  Numeric  4
Condo fee (monthly amount, use ADJHSG to adjust CONP to constant dollars)
bbbb  .N/A (GQ/vacant units/not owned or being bought)
  0..9999  .$0 - $9999 (Rounded and top-coded)

DIALUP  Character  1
Dial-up service
b  .N/A (GQ/vacant/no paid access to the internet)
  1  .Yes
  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  3
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..999  .$3 to $999 (Rounded and top-coded)

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

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

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

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

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

HFL 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)

- bbbbbb: 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)

- bbbbbb: 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)

- bbbbbb: 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

**OTH SVC EX**
**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 $999999 (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
   8 . Suppressed for data year 2019 for select PUMAs

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

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

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

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

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

**WATP**  
**Numeric 4**  
Water cost (yearly cost, use ADJHSG to adjust WATP to constant dollars)  
bbbb .N/A (GQ/vacant/included in rent or in condo fee/no charge)  
3..9999 .$3 to $9999 (Rounded and top-coded)

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

**HOUSING RECORD-HOUSEHOLD VARIABLES**

**CPLT**  
**Character 1**  
Couple Type  
b .N/A  
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)**
- bbbbbb 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 4
**Gross rent (monthly amount, use ADJHSG to adjust GRNTP to constant dollars)**
- bbbbb N/A (GQ/vacant/owned or being bought/occupied without rent payment)
- 1..9999 $1 - $9999 (Components are rounded)

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

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

### HHLANP - Character 4
**Detailed household language**
bhbhb .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 .Serbo-Croatian
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 .Samoan
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 .Muskogean 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

**HHT**

**Character 1**

Household/family type

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

**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/NP=0)
1 .No, not a multigenerational household
2 .Yes, is a multigenerational household

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

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

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

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)
bb .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% to 100%
101 .101% 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. N/A (GQ/vacant/not owned or being bought)
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)  
bbbbb .N/A (GQ/vacant/not owned or being bought)  
0..22500 .$0 to $22500 (rounded and top-coded)

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

**WKEXREL**  
**Character 2**  
Work experience of householder and spouse  
bb .N/A (GQ/vacant/not a family)  
01 .Householder and spouse worked FT  
02 .Householder worked FT; spouse worked less than FT  
03 .Householder worked FT; spouse did not work  
04 .Householder worked less than FT; spouse worked FT  
05 .Householder worked less than FT; spouse worked less than FT  
06 .Householder worked less than FT; spouse did not work  
07 .Householder did not work; spouse worked FT  
08 .Householder did not work; spouse worked less than FT  
09 .Householder did not work; spouse did not work  
10 .Male householder worked FT; no spouse present  
11 .Male householder worked less than FT; no spouse present  
12 .Male householder did not work; no spouse present
13. Female householder worked FT; no spouse present
14. Female householder worked less than FT; no spouse present
15. Female householder did not work; no spouse present

**WORKSTAT**

**Character 2**

Work status of householder or spouse in family households

bb. N/A (GQ/not a family household/same-sex married-couple families)

01. Husband and wife both in labor force, both employed or in Armed Forces
02. Husband and wife both in labor force, husband employed or in Armed Forces, wife unemployed
03. Husband in labor force and wife not in labor force, husband employed or in Armed Forces
04. Husband and wife both in labor force, husband unemployed, wife employed or in Armed Forces
05. Husband and wife both in labor force, husband unemployed, wife unemployed
06. Husband in labor force, husband unemployed, wife not in labor force
07. Husband not in labor force, wife in labor force, wife employed or in Armed Forces
08. Husband not in labor force, wife in labor force, wife unemployed
09. Neither husband nor wife in labor force
10. Male householder with no wife present, householder in labor force, employed or in Armed Forces
11. Male householder with no wife present, householder in labor force and unemployed
12. Male householder with no wife present, householder not in labor force
13. Female householder with no husband present, householder in labor force, employed or in Armed Forces
14. Female householder with no husband present, householder in labor force and unemployed
15. Female householder with no husband present, householder not in labor force

**HOUSING RECORD-ALLOCATION FLAGS**

**FACCESSP**

**Character 1**

Access to the Internet allocation flag

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

**FACRP**

**Character 1**

Lot size allocation flag

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

**FAGSP**

**Character 1**

Sales of Agricultural Products allocation flag

b. N/A (GQ)
0. No

18
1 .Yes

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

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

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

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

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

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

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

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

FFINCP Character 1
Family income (past 12 months) allocation flag
b .N/A (GQ)
0 .No
1 .Yes
**FFSP**  Character  1  
Yearly food stamp/Supplemental Nutrition Assistance Program (SNAP) recipiency allocation flag  
0 .No  
1 .Yes

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

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

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

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

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

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

**FHTOTWATP**  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

FOTHCSVCEXP  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

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

FSMOCF 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

FSTOVF 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

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

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

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

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

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

**HOUSING RECORD-REPPLICATE WEIGHTS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Description</th>
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</table>
| WGTP1| Numeric   | Housing Weight replicate 1  
-9999..9999 .Integer weight of housing unit |
| WGTP2| Numeric   | Housing Weight replicate 2  
-9999..9999 .Integer weight of housing unit |
| WGTP3| Numeric   | Housing Weight replicate 3  
-9999..9999 .Integer weight of housing unit |
| WGTP4| Numeric   | 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
-9999..9999 .Integer weight of housing unit

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

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

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

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

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

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

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

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

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

WGTP18 Numeric 5
Housing Weight replicate 18
-9999..9999 .Integer weight of housing unit
WGTP19        Numeric  5  
Housing Weight replicate 19
-9999..9999  .Integer weight of housing unit

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

WGTP21        Numeric  5  
Housing Weight replicate 21
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WGTP22        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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-9999..9999  .Integer weight of housing unit

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-9999..9999  .Integer weight of housing unit

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-9999..9999  .Integer weight of housing unit

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</table>
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
2019GQ0000001..2019GQ9999999 .GQ Unique identifier
2019HU0000001..2019HU9999999 .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
02 .Alaska/AK
04 .Arizona/AZ
05 .Arkansas/AR
06 .California/CA
08 .Colorado/CO
09 .Connecticut/CT
10 .Delaware/DE
11 .District of Columbia/DC
12 .Florida/FL
13 .Georgia/GA
15 .Hawaii/HI
16 .Idaho/ID
17 .Illinois/IL
18 .Indiana/IN
19 .Iowa/IA
20 .Kansas/KS
21 .Kentucky/KY
22 .Louisiana/LA
23 .Maine/ME
24 .Maryland/MD
25 .Massachusetts/MA
26 .Michigan/MI
27 .Minnesota/MN
28 .Mississippi/MS
29 .Missouri/MO
30 .Montana/MT
31 .Nebraska/NE
32 .Nevada/NV
33 .New Hampshire/NH
34 .New Jersey/NJ
35 .New Mexico/NM
36 .New York/NY
37 .North Carolina/NC
38 .North Dakota/ND
39 .Ohio/OH
40 .Oklahoma/OK
41 .Oregon/OR
42 .Pennsylvania/PA
44 .Rhode Island/RI
45 .South Carolina/SC
46 .South Dakota/SD
ADJINC Character 7
Adjustment factor for income and earnings dollar amounts (6 implied decimal places)
1010145 .2019 factor (1.010145)

PWGTP Numeric 5
Person's weight
1..9999 .Integer weight of person

PERSON RECORD-PERSON VARIABLES

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

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

CITWP Numeric 4
Year of naturalization write-in
bbbb .Not eligible - not naturalized
1944 .1944 or earlier (Bottom-coded)
1945 .1945 - 1947
1948 .1948 - 1949
1950 .1950
1951 .1951
1952 .1952
1953 .1953
1954 .1954
1955 .1955
1956 .1956
1957 .1957
1958 .1958
1959 .1959
1960 .1960
1961 .1961
1962 .1962
1963 .1963
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
9. Unemployed and last worked 5 years ago or earlier or never .worked

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

DEAR  Character  1
Hearing difficulty
1. Yes
2. No

DEYE  Character  1
Vision difficulty
1. Yes
2. No

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

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

DRAT  Character  1
Veteran service connected disability rating (percentage)
b. N/A (No service-connected disability/never served in military)
1. 0 percent
2. 10 or 20 percent
3. 30 or 40 percent
4. 50 or 60 percent
5. 70, 80, 90, or 100 percent
6. Not reported
**DRATX**  
Character 1  
Veteran service connected disability rating (checkbox)  
  b .N/A (Less than 17 years old/never served in military)  
    1 .Yes  
    2 .No

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

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

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

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

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

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

**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)  
 bbbbbbb .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)  

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

- 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)
- Car, truck, or van
- Bus
- Subway or elevated rail
- Long-distance train or commuter train
- Light rail, streetcar, or trolley
- Ferryboat
- Taxicab
- Motorcycle
- Bicycle
- Walked
- Worked from home
- Other method

**LANX**

**Character 1**

Language other than English spoken at home

- N/A (less than 5 years old)
- Yes, speaks another language
- No, speaks only English

**MAR**

**Character 1**

Marital status

- Married
- Widowed
- Divorced
- Separated
- Never married or under 15 years old

**MARHD**

**Character 1**

Divorced in the past 12 months

- N/A (age less than 15 years; never married)
- Yes
- No
- Suppressed for data year 2018 for select PUMAs

**MARHM**

**Character 1**

Married in the past 12 months

- N/A (age less than 15 years; never married)
- Yes
- No

**MARHT**

**Character 1**

Number of times married

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

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

**MARHYP  Numeric  4**
Year last married
bbbb. N/A (age less than 15 years; never married)
1940 .1940 or earlier (Bottom-coded)
1941 .1941
1942 .1942
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**MIG Character 1**

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

**MIL Character 1**

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

**MLPA Character 1**

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

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

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

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)
   bbbbbb .N/A (less than 15 years old)
   0 .None
   4..999999 .$4 to $999999 (Rounded and top-coded)

PAP  Numeric  5
Public assistance income past 12 months (use ADJINC to adjust to constant dollars)
   bbbbb .N/A (less than 15 years old)
   0 .None
   4..30000 .$4 to $30000 (Rounded 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)
  bbbbbbb .N/A (less than 15 years old)
  0 .None
  -10000..-4 .Loss of $4 to $10000 (Rounded and bottom-coded)
  1..999999 .$1 to $999999 (Rounded and top-coded)

SEX  Character  1
Sex
  1 .Male
  2 .Female

SSIP  Numeric  5
Supplementary Security Income past 12 months (use ADJINC to adjust SSIP
to constant dollars)
  bbbbb .N/A (less than 15 years old)
  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)
  bbbbb .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)
  bbbbbbb .N/A (less than 15 years old)
  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
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<td>2 .1-5 years ago</td>
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<td>999</td>
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**DECADE Character 1**
Decade of entry
- b .N/A (Born in the US)
- 1 .Before 1950
- 2 .1950 - 1959
- 3 .1960 - 1969
- 4 .1970 - 1979
- 5 .1980 - 1989
- 6 .1990 - 1999
- 7 .2000 - 2009
- 8 .2010 or later

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

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

ESP

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

ESR

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

FOD1P

Character 4
Recoded field of degree - first entry
b 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
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<tr>
<th>Code</th>
<th>Field Name</th>
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<tr>
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<td>6002</td>
<td>Music</td>
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<tr>
<td>6003</td>
<td>Visual And Performing Arts</td>
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<tr>
<td>6004</td>
<td>Commercial Art And Graphic Design</td>
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<tr>
<td>6005</td>
<td>Film Video And Photographic Arts</td>
</tr>
<tr>
<td>6006</td>
<td>Art History And Criticism</td>
</tr>
<tr>
<td>6007</td>
<td>Studio Arts</td>
</tr>
<tr>
<td>6099</td>
<td>Miscellaneous Fine Arts</td>
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<tr>
<td>6100</td>
<td>General Medical And Health Services</td>
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<td>6102</td>
<td>Communication Disorders Sciences And Services</td>
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<td>Health And Medical Administrative Services</td>
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<td>Medical Assisting Services</td>
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<td>6105</td>
<td>Medical Technologies Technicians</td>
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<td>6106</td>
<td>Health And Medical Preparatory Programs</td>
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<td>6107</td>
<td>Nursing</td>
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<td>6108</td>
<td>Pharmacy Pharmaceutical Sciences And Admin</td>
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<tr>
<td>6109</td>
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<td>Community And Public Health</td>
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<tr>
<td>6199</td>
<td>Miscellaneous Health Medical Professions</td>
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<tr>
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<td>Accounting</td>
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<tr>
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<td>Actuarial Science</td>
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<tr>
<td>6203</td>
<td>Business Management And Administration</td>
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<tr>
<td>6204</td>
<td>Operations Logistics And E-Commerce</td>
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<tr>
<td>6205</td>
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<tr>
<td>6206</td>
<td>Marketing And Marketing Research</td>
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<tr>
<td>6207</td>
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<tr>
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<tr>
<td>6210</td>
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<td>Hospitality Management</td>
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<td>6212</td>
<td>Management Information Systems And Statistics</td>
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<td>6299</td>
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<tr>
<td>6403</td>
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</tbody>
</table>

FOD2P

Character 4

Recoded field of degree - second entry

bbbbb .N/A (less than bachelor's degree)
3401 .Liberal Arts
3402 .Humanities
3501 .Library Science
3600 .Biology
3601 .Biochemical Sciences
3602 .Botany
3603 .Molecular Biology
3604 .Ecology
3605 .Genetics
3606 .Microbiology
3607 .Pharmacology
3608 .Physiology
3609 .Zoology
3611 .Neuroscience
3699 .Miscellaneous Biology
3700 .Mathematics
3701 .Applied Mathematics
3702 .Statistics And Decision Science
3801 .Military Technologies
4000 .Multi/Interdisciplinary Studies
4001 .Intercultural And International Studies
4002 .Nutrition Sciences
4005 .Mathematics And Computer Science
4006 .Cognitive Science And Biopsychology
4007 .Interdisciplinary Social Sciences
4101 .Physical Fitness Parks Recreation And Leisure
4801 .Philosophy And Religious Studies
4901 .Theology And Religious Vocations
5000 .Physical Sciences
5001 .Astronomy And Astrophysics
5002 .Atmospheric Sciences And Meteorology
5003 .Chemistry
5004 .Geology And Earth Science
5005 .Geosciences
5006 .Oceanography
5007 .Physics
5008 .Materials Science
5098 .Multi-Disciplinary Or General Science
5102 .Nuclear, Industrial Radiology, And Biological Technologies
5200 .Psychology
5201 .Educational Psychology
5202 .Clinical Psychology
5203 .Counseling Psychology
5205 .Industrial And Organizational Psychology
5206 .Social Psychology
5299 .Miscellaneous Psychology
5301 .Criminal Justice And Fire Protection
5401 .Public Administration
5402 .Public Policy
5403 .Human Services And Community Organization
5404 .Social Work
5500 .General Social Sciences
5501 .Economics
5502 .Anthropology And Archeology
5503 .Criminology
5504 .Geography
5505 .International Relations
5506 .Political Science And Government
5507 .Sociology
5599 .Miscellaneous Social Sciences
5601 .Construction Services
5701 .Electrical, Mechanical, And Precision Technologies And Production
5901 .Transportation Sciences And Technologies
6000 .Fine Arts
6001 .Drama And Theater Arts
6002 .Music
6003 .Visual And Performing Arts
6004 .Commercial Art And Graphic Design
6005 .Film Video And Photographic Arts
6006 .Art History And Criticism
6007 .Studio Arts
6099 .Miscellaneous Fine Arts
6100 .General Medical And Health Services
6102 .Communication Disorders Sciences And Services
6103 .Health And Medical Administrative Services
6104 .Medical Assisting Services
6105 .Medical Technologies Technicians
6106 .Health And Medical Preparatory Programs
6107 .Nursing
6108 .Pharmacy Pharmaceutical Sciences And Administration
6109 .Treatment Therapy Professions
6110 .Community And Public Health
6199 .Miscellaneous Health Medical Professions
6200 .General Business
6201 .Accounting
6202 .Actuarial Science
6203 .Business Management And Administration
6204 .Operations Logistics And E-Commerce
6205 .Business Economics
6206 .Marketing And Marketing Research
6207 .Finance
6209 .Human Resources And Personnel Management
6210 .International Business
6211 .Hospitality Management
6212 .Management Information Systems And Statistics
6299 .Miscellaneous Business And Medical Administration
6400 .History
6403 .United States History

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

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

INDP  Character  4
Industry recode for 2018 and later based on 2017 IND codes
b
bb
b
b .N/A (less than 16 years old/NILF who last worked more than .5 years ago or never worked)
0170 .AGR-Crop Production
0180 .AGR-Animal Production And Aquaculture
0190 .AGR-Forestry Except Logging
0270 .AGR-Logging
0280 .AGR-Fishing, Hunting And Trapping
0290 .AGR-Support Activities For Agriculture And Forestry
0370 .EXT-Oil And Gas Extraction
0380 .EXT-Coal Mining
0390 .EXT-Metal Ore Mining
0470 .EXT-Nonmetallic Mineral Mining And Quarrying
0490 .EXT-Support Activities For Mining
0570 .UTL-Electric Power Generation, Transmission And Distribution
0580 .UTL-Natural Gas Distribution
0590 .UTL-Electric And Gas, And Other Combinations
0670 .UTL-Water, Steam, Air-Conditioning, And Irrigation Systems
0680 .UTL-Sewage Treatment Facilities
0690 .UTL-Not Specified Utilities
0770 .CON-Construction (The Cleaning Of Buildings And Dwellings Is Incidental During Construction And Immediately After Construction)
1070 .MFG-Animal Food, Grain And Oilseed Milling
1080 .MFG-Sugar And Confectionery Products
1090 .MFG-Fruit And Vegetable Preserving And Specialty Food
1170 .MFG-Dairy Product
1180 .MFG-Animal Slaughtering And Processing
1190 .MFG-Retail Bakeries
1270 .MFG-Bakeries And Tortilla, Except Retail Bakeries
1280 .MFG-Seafood And Other Miscellaneous Foods, N.E.C.
1290 .MFG-Not Specified Food Industries
1370 .MFG-Beverage
1390 .MFG-Tobacco
1470 .MFG-Fiber, Yarn, And Thread Mills
1480 .MFG-Fabric Mills, Except Knitting Mills
1490 .MFG-Textile And Fabric Finishi
1570 .MFG-Carpet And Rug Mills
1590 .MFG-Textile Product Mills, Except Carpet And Rug
1670 .MFG-Knitting Fabric Mills, And Apparel Knitting Mills
1691 .MFG-Cut And Sew, And Apparel Accessories And Other Apparel
1770 .MFG-Footwear
1790 .MFG-Leather And Hide Tanning And Finishing, And Other
1870 .MFG-Pulp, Paper, And Paperboard Mills
1880 .MFG-Paperboard Container
1890 .MFG-Miscellaneous Paper And Pulp Products
1970 .MFG-Printing And Related Support Activities
2070 .MFG-Petroleum Refining
2090 .MFG-Miscellaneous Petroleum And Coal Products
2170 .MFG-Resin, Synthetic Rubber, And Fibers And Filaments
2180 .MFG-Agricultural Chemical
2190 .MFG-Pharmaceuticals And Medicine
2270 .MFG-Paint, Coating, And Adhesive
2280 .MFG-Soap, Cleaning Compound, And Cosmetics
2290 .MFG-Industrial And Miscellaneous Chemicals
2370 .MFG-Plastics Product
2380 .MFG-Tire
2390 .MFG-Rubber Products, Except Tires
2470 .MFG-Pottery, Ceramics, And Plumbing Fixture
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
2770 .MFG-Foundries
2780 .MFG-Metal Forgings And Stampings
2790 .MFG-Cutlery And Hand Tool
2870 .MFG-Structural Metals, And Boiler, Tank, And Shipping
2880 .MFG-Machine Shops; Turned Product; Screw, Nut And Bolt
2890 .MFG-Coating, Engraving, Heat Treating, And Allied
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
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
3390 .MFG-Electronic Component And Product, N.E.C.
3470 .MFG-Household Appliance
3490 .MFG-Electric Lighting And Electrical Equipment, And Other
3530 .MFG-Electrical Component, N.E.C.
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<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>3570</td>
<td>MFG-Motor Vehicles And Motor Vehicle Equipment</td>
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<td>3580</td>
<td>MFG-Aircraft And Parts</td>
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<tr>
<td>3590</td>
<td>MFG-Aerospace Products And Parts</td>
</tr>
<tr>
<td>3670</td>
<td>MFG-Railroad Rolling Stock</td>
</tr>
<tr>
<td>3680</td>
<td>MFG-Ship And Boat Building</td>
</tr>
<tr>
<td>3690</td>
<td>MFG-Other Transportation Equipment</td>
</tr>
<tr>
<td>3770</td>
<td>MFG-Sawmills And Wood Preservation</td>
</tr>
<tr>
<td>3780</td>
<td>MFG-Veneer, Plywood, And Engineered Wood Products</td>
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<tr>
<td>3790</td>
<td>MFG-Prefabricated Wood Buildings And Mobile Homes</td>
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<tr>
<td>3875</td>
<td>MFG-Miscellaneous Wood Products</td>
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<tr>
<td>3895</td>
<td>MFG-Furniture And Related Product</td>
</tr>
<tr>
<td>3960</td>
<td>MFG-Medical Equipment And Supplies</td>
</tr>
<tr>
<td>3970</td>
<td>MFG-Sporting And Athletic Goods, And Doll, Toy And Game</td>
</tr>
<tr>
<td>3980</td>
<td>MFG-Miscellaneous Manufacturing, N.E.C.</td>
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<tr>
<td>3990</td>
<td>MFG-Not Specified Manufacturing Industries</td>
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<td>WHL-Motor Vehicle And Motor Vehicle Parts And Supplies Merchant Wholesalers</td>
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<tr>
<td>4080</td>
<td>WHL-Furniture And Home Furnishing Merchant Wholesalers</td>
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<tr>
<td>4090</td>
<td>WHL-Lumber And Other Construction Materials Merchant Wholesalers</td>
</tr>
<tr>
<td>4170</td>
<td>WHL-Professional And Commercial Equipment And Supplies Merchant Wholesalers</td>
</tr>
<tr>
<td>4180</td>
<td>WHL-Metals And Minerals, Except Petroleum, Merchant Wholesalers</td>
</tr>
<tr>
<td>4195</td>
<td>WHL-Household Appliances And Electrical And Electronic Goods Merchant Wholesalers</td>
</tr>
<tr>
<td>4265</td>
<td>WHL-Hardware, And Plumbing And Heating Equipment, And Supplies Merchant Wholesalers</td>
</tr>
<tr>
<td>4270</td>
<td>WHL-Machinery, Equipment, And Supplies Merchant Wholesalers</td>
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<tr>
<td>4280</td>
<td>WHL-Recyclable Material Merchant Wholesalers</td>
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<tr>
<td>4290</td>
<td>WHL-Miscellaneous Durable Goods Merchant Wholesalers</td>
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<tr>
<td>4370</td>
<td>WHL-Paper And Paper Products Merchant Wholesalers</td>
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<tr>
<td>4380</td>
<td>WHL-Drugs, Sundries, And Chemical And Allied Products Merchant Wholesalers</td>
</tr>
<tr>
<td>4390</td>
<td>WHL-Apparel, Piece Goods, And Notions Merchant Wholesalers</td>
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<td>4470</td>
<td>WHL-Grocery And Related Product Merchant Wholesalers</td>
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<tr>
<td>4480</td>
<td>WHL-Farm Product Raw Material Merchant Wholesalers</td>
</tr>
<tr>
<td>4490</td>
<td>WHL-Petroleum And Petroleum Products Merchant Wholesalers</td>
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<tr>
<td>4560</td>
<td>WHL-Alcoholic Beverages Merchant Wholesalers</td>
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<td>WHL-Farm Supplies Merchant Wholesalers</td>
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<td>4580</td>
<td>WHL-Miscellaneous Nondurable Goods Merchant Wholesalers</td>
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<tr>
<td>4585</td>
<td>WHL-Wholesale Electronic Markets And Agents And Brokers</td>
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<tr>
<td>4590</td>
<td>WHL-Not Specified Wholesale Trade</td>
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<tr>
<td>4670</td>
<td>RET-Automobile Dealers</td>
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<tr>
<td>4680</td>
<td>RET-Other Motor Vehicle Dealers</td>
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<tr>
<td>4690</td>
<td>RET-Automotive Parts, Accessories, And Tire Stores</td>
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<tr>
<td>4770</td>
<td>RET-Furniture And Home Furnishings Stores</td>
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<tr>
<td>4780</td>
<td>RET-Household Appliance Stores</td>
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<tr>
<td>4795</td>
<td>RET-Electronics Stores</td>
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<td>RET-Building Material And Supplies Dealers</td>
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<td>RET-Lawn And Garden Equipment And Supplies Stores</td>
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<tr>
<td>4971</td>
<td>RET-Supermarkets and Other Grocery (Except Convenience) Stores</td>
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<td>4972</td>
<td>RET-Convenience Stores</td>
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<td>4980</td>
<td>RET-Specialty Food Stores</td>
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<tr>
<td>4990</td>
<td>RET-Beer, Wine, And Liquor Stores</td>
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8562 .ENT-Spectator Sports
8563 .ENT-Promoters Of Performing Arts, Sports, And Similar Events, Agents And Managers For Artists, Athletes, Entertainers, And Other Public Figures
8564 .ENT-Independent Artists, Writers, And Performers
8570 .ENT-Museums, Art Galleries, Historical Sites, And Similar Institutions
8580 .ENT-Bowling Centers
8590 .ENT-Other Amusement, Gambling, And Recreation Industries
8660 .ENT-Traveler Accommodation
8670 .ENT-Recreational Vehicle Parks And Camps, And Rooming And Boarding Houses, Dormitories, And Workers' Camps
8680 .ENT-Restaurants And Other Food Services
8690 .ENT-Drinking Places, Alcoholic Beverages
8770 .SRV-Automotive Repair And Maintenance
8780 .SRV-Car Washes
8790 .SRV-Electronic And Precision Equipment Repair And Maintenance
8870 .SRV-Commercial And Industrial Machinery And Equipment Repair And Maintenance
8891 .SRV-Personal And Household Goods Repair And Maintenance
8970 .SRV-Drycleaning And Laundry Services
8980 .SRV-Funeral Homes, And Cemeteries And Crematories
8990 .SRV-Other Personal Services
9070 .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.
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284. 11:50 p.m. to 11:54 p.m.
285. 11:55 p.m. to 11:59 p.m.
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149 11:00 p.m. to 11:29 p.m.
150 11:30 p.m. to 11:59 p.m.

LANP  Character  4
Language spoken at home
b b b b  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 .Burmesse
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 .Samoan
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 .Muskogean languages
7039 .Keres
7050 .Cherokee
7060 .Uto-Aztecan languages
7124 .Other Native North American languages
7300 .Other Central and South American languages
9999 .Other and unspecified languages

**MIGPUMA**  
**Character 5**  
Migration PUMA based on 2010 Census definition

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<tr>
<td>00002</td>
<td>Lived in Puerto Rico one year ago and current residence is in the U.S.</td>
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<tr>
<td>00100</td>
<td>Assigned Migration PUMA. Use with MIGSP.</td>
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**MIGSP**  
**Character 3**  
Migration recode - State or foreign country code

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<td>004</td>
<td>Arizona/AZ</td>
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<tr>
<td>005</td>
<td>Arkansas/AR</td>
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<tr>
<td>006</td>
<td>California/CA</td>
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<tr>
<td>008</td>
<td>Colorado/CO</td>
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<td>009</td>
<td>Connecticut/CT</td>
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<tr>
<td>010</td>
<td>Delaware/DE</td>
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<td>011</td>
<td>District of Columbia/DC</td>
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<td>012</td>
<td>Florida/FL</td>
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<td>013</td>
<td>Georgia/GA</td>
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<td>015</td>
<td>Hawaii/HI</td>
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<td>016</td>
<td>Idaho/ID</td>
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<td>Illinois/IL</td>
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<td>Indiana/IN</td>
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<td>Iowa/IA</td>
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<td>Kansas/KS</td>
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<td>021</td>
<td>Kentucky/KY</td>
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<td>Rhode Island/RI</td>
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045 .South Carolina/SC
046 .South Dakota/SD
047 .Tennessee/TN
048 .Texas/TX
049 .Utah/UT
050 .Vermont/VT
051 .Virginia/VA
053 .Washington/WA
054 .West Virginia/WV
055 .Wisconsin/WI
056 .Wyoming/WY
072 .Puerto Rico
109 .France
110 .Germany
111 .Northern Europe, Not Specified
113 .Eastern Europe, Not Specified
114 .Western Europe or Other Europe, Not Specified
120 .Italy
134 .Spain
138 .United Kingdom, Excluding England
139 .England
163 .Russia
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 .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 |
| 3132 | .MFG-Fabric Mills, Except Knitting Mills |
| 3133 | .MFG-Textile And Fabric Finishing And Fabric Coating Mills |
| 3141 | .MFG-Carpet And Rug Mills |
| 3142 | .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 |
| 3219M | .MFG-Prefabricated Wood Buildings And Mobile Homes |
| 3219Z | .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 |
| 3231M | .MFG-Miscellaneous Petroleum And Coal Products |
| 3241 | .MFG-Petroleum Refining |
| 3252 | .MFG-Resin, Synthetic Rubber, And Fibers And Filaments |
| 3253 | .MFG-Agricultural Chemical |
| 3254 | .MFG-Pharmaceuticals 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 |
| 32712 | .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 |
| 331M | .MFG-Foundries |
| 3311 | .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 Activities |
| 3328 | .MFG-Coating, Engraving, Heat Treating, And Allied Activities |
| 3329M | .MFG-Ordnance |
| 332M | .MFG-Structural Metals, And Boiler, Tank, And Shipping Container |
| 332MZ | .MFG-Miscellaneous Fabricated Metal Products |
| 3331 | .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 |
443141 .RET-Household Appliance Stores
443142 .RET-Electronics Stores
44413 .RET-Hardware Stores
44412 .RET-Building Material And Supplies Dealers
4442 .RET-Lawn And Garden Equipment And Supplies Stores
44511 .RET-Supermarkets And Other Grocery (Except Convenience) .Stores
44512 .RET-Convenience Stores
4452 .RET-Specialty Food Stores
4453 .RET-Beer, Wine, And Liquor Stores
44611 .RET-Pharmacies And Drug Stores
4462 .RET-Health And Personal Care, Except Drug, Stores
447 .RET-Gasoline Stations
44821 .RET-Shoe Stores
4483 .RET-Jewelry, Luggage, And Leather Goods Stores
4481 .RET-Clothing Stores
45113 .RET-Sewing, Needlework, And Piece Goods Stores
45114 .RET-Musical Instrument And Supplies Stores
4511M .RET-Sporting Goods, And Hobby And Toy Stores
45121 .RET-Book Stores And News Dealers
45221 .RET-Department Stores
4523 .RET-General Merchandise Stores, Including Warehouse .Clubs and Supercenters
4531 .RET-Florists
45321 .RET-Office Supplies And Stationery Stores
45322 .RET-Gift, Novelty, And Souvenir Shops
4533 .RET-Used Merchandise Stores
4539 .RET-Miscellaneous Retail Stores
454110 .RET-Electronic Shopping And Mail-Order Houses
4542 .RET-Vending Machine Operators
454310 .RET-Fuel Dealers
45439 .RET-Other Direct Selling Establishments
4MS .RET-Not Specified Retail Trade
481 .TRN-Air Transportation
482 .TRN-Rail Transportation
483 .TRN-Water Transportation
484 .TRN-Truck Transportation
4853 .TRN-Taxi And Limousine Service
485M .TRN-Bus Service And Urban Transit
486 .TRN-Pipeline Transportation
487 .TRN-Scenic And Sightseeing Transportation
488 .TRN-Services Incidental To Transportation
491 .TRN-Postal Service
492 .TRN-Couriers And Messengers
493 .TRN-Warehousing And Storage
51111 .INF-Newspaper Publishers
51112 .INF-Periodical, Book, And Directory Publishers
5112 .INF-Software Publishers
5121 .INF-Motion Pictures And Video Industries
5122 .INF-Sound Recording Industries
515 .INF-Broadcasting (Except Internet)
517311 .INF-Wired Telecommunications Carriers
517Z .INF-Telecommunications, Except Wired Telecommunications .Carriers
5182 .INF-Data Processing, Hosting, And Related Services
51912 .INF-Libraries And Archives
51913 .INF-Internet Publishing And Broadcasting And Web Search Portals
51912M .INF-Other Information Services, Except Libraries And Archives, And Internet Publishing And Broadcasting And Web Search Portals
5221M .FIN-Savings Institutions, Including Credit Unions
522M .FIN-Nondepository Credit And Related Activities
5241 .FIN-Insurance Carriers
5242 .FIN-Agencies, Brokerages, And Other Insurance Related Activities
52M1 .FIN-Banking And Related Activities
52M2 .FIN-Securities, Commodities, Funds, Trusts, And Other Financial Investments
531M .FIN-Lessors Of Real Estate, And Offices Of Real Estate Agents And Brokers
5313 .FIN-Real Estate Property Managers, Offices of Real Estate Appraisers, And Other Activities Related to Real Estate
5321 .FIN-Automotive Equipment Rental And Leasing
532M2 .FIN-Other Consumer Goods Rental
53M .FIN-Commercial, Industrial, And Other Intangible Assets Rental And Leasing
5411 .PRF-Legal Services
5412 .PRF-Accounting, Tax Preparation, Bookkeeping, And Payroll Services
5413 .PRF-Architectural, Engineering, And Related Services
5414 .PRF-Specialized Design Services
5415 .PRF-Computer Systems Design And Related Services
5416 .PRF-Management, Scientific, And Technical Consulting Services
5417 .PRF-Scientific Research And Development Services
5418 .PRF-Advertising, Public Relations, And Related Services
54194 .PRF-Veterinary Services
54192 .PRF-Other Professional, Scientific, And Technical Services
55 .PRF-Management Of Companies And Enterprises
5613 .PRF-Employment Services
5614 .PRF-Business Support Services
5615 .PRF-Travel Arrangements And Reservation Services
5616 .PRF-Investigation And Security Services
56173 .PRF-Landscaping Services
5617Z .PRF-Services To Buildings And Dwellings (Except Cleaning During Construction And Immediately After Construction)
561M .PRF-Other Administrative And Other Support Services
562 .PRF-Waste Management And Remediation Services
6111 .EDU-Elementary And Secondary Schools
611M1 .EDU-Colleges, Universities, And Professional Schools, Including Junior Colleges
611M2 .EDU-Business, Technical, And Trade Schools And Training
611M3 .EDU-Other Schools And Instruction, And Educational Support Services
6211 .MED-Offices Of Physicians
6212 .MED-Offices Of Dentists
62131 .MED-Offices Of Chiropractors
62132 .MED-Offices Of Optometrists
62132M .MED-Offices Of Other Health Practitioners

84
6214 .MED-Outpatient Care Centers
6216 .MED-Home Health Care Services
621M .MED-Other Health Care Services
622M .MED-General Medical And Surgical Hospitals, And Specialty (Except Psychiatric And Substance Abuse) Hospitals
6222 .MED-Psychiatric And Substance Abuse Hospitals
6231 .MED-Nursing Care Facilities (Skilled Nursing Facilities)
623M .MED-Residential Care Facilities, Except Skilled Nursing Facilities
6241 .SCA-Individual And Family Services
6242 .SCA-Community Food And Housing, And Emergency Services
6243 .SCA-Vocational Rehabilitation Services
6244 .SCA-Child Day Care Services
7111 .ENT-Performing Arts Companies
7112 .ENT-Spectator Sports
711M .ENT-Promoters Of Performing Arts, Sports, And Similar Events, Agents And Managers For Artists, Athletes, Entertainers, And Other Public Figures
7115 .ENT-Independent Artists, Writers, And Performers
712 .ENT-Museums, Art Galleries, Historical Sites, And Similar Institutions
71395 .ENT-Bowling Centers
713Z .ENT-Other Amusement, Gambling, And Recreation Industries
7211 .ENT-Traveler Accommodation
721M .ENT-Recreational Vehicle Parks And Camps, And Rooming And Boarding Houses, Dormitories, And Workers' Camps
7224 .ENT-Drinking Places, Alcoholic Beverages
722Z .ENT-Restaurants And Other Food Services
811192 .SRV-Car Washes
8111Z .SRV-Automotive Repair And Maintenance
8112 .SRV-Electronic And Precision Equipment Repair And Maintenance
8113 .SRV-Commercial And Industrial Machinery And Equipment Repair And Maintenance
8114 .SRV-Personal And Household Goods Repair And Maintenance
812111 .SRV-Barber Shops
812112 .SRV-Beauty Salons
8121M .SRV-Nail Salons And Other Personal Care Services
8122 .SRV-Funeral Homes, And Cemeteries And Crematories
8123 .SRV-Drycleaning And Laundry Services
8129 .SRV-Other Personal Services
8131 .SRV-Religious Organizations
81393 .SRV-Labor Unions
8139Z .SRV-Business, Professional, Political, And Similar Organizations
813M .SRV-Civic, Social, Advocacy Organizations, And Grantmaking And Giving Services
814 .SRV-Private Households
92113 .ADM-Public Finance Activities
92119 .ADM-Other General Government And Support
9211MP .ADM-Executive Offices And Legislative Bodies
923 .ADM-Administration Of Human Resource Programs
928110P1 .MIL-U.S. Army
928110P2 .MIL-U.S. Air Force
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-Food Service 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
2170 .LGL-Title Examiners, Abstractors, and Searchers
2180 .LGL-Legal Support Workers, All Other
2205 .EDU-Postsecondary Teachers
2210 .EDU-Other Teachers and Instructors
2240 .EDU-Archivists, Curators, And Museum Technicians
2435 .EDU-Librarians And Media Collections Specialists
2440 .EDU-Library Technicians
2545 .EDU-Teaching Assistants
2555 .EDU-Other Educational Instruction and Library Workers
2600 .ENT-Artists And Related Workers
2631 .ENT-Commercial And Industrial Designers
2632 .ENT-Fashion Designers
2633 .ENT-Floral Designers
2634 .ENT-Graphic Designers
2635 .ENT-Interior Designers
2636 .ENT-Merchandise Displayer And Windows Trimmers
2640 .ENT-Other Designers
2700 .ENT-Actors
2710 .ENT-Executors And Directors
2721 .ENT-Athletes and Sports Competitors
2722 .ENT-Coaches and Scouts
2723 .ENT-Umpires, Referees, And Other Sports Officials
2740 .ENT-Dancers And Choreographers
2751 .ENT-Music Directors and Composers
2752 .ENT-Musicians and Singers
2755 .ENT-Disc Jockeys, Except Radio
2770 .ENT-Entertainers And Performers, Sports and Related Workers, All Other
2805 .ENT-Broadcast Announcers And Radio Disc Jockeys
2810 .ENT-News Analysts, Reporters, And Journalists
2825 .ENT-Public Relations Specialists
90

2830 .ENT-Editors
2840 .ENT-Technical Writers
2850 .ENT-Writers And Authors
2861 .ENT-Interpreters and Translators
2862 .ENT-Court Reporters and Simultaneous Captioners
2865 .ENT-Media And Communication Workers, All Other
2905 .ENT-Other Media And Communication Equipment Workers
2910 .ENT-Photographers
2920 .ENT-Television, Video, And Film Camera Operators And .Editors
3000 .MED-Chiropractors
3010 .MED-Dentists
3030 .MED-Dietitians And Nutritionists
3040 .MED-Optometrists
3050 .MED-Physicians
3100 .MED-Surgeons
3110 .MED-Physician Assistants
3120 .MED-Podiatrists
3140 .MED-Audiologists
3150 .MED-Occupational Therapists
3160 .MED-Physical Therapists
3200 .MED-Radiation Therapists
3210 .MED-Recreational Therapists
3220 .MED-Respiratory Therapists
3230 .MED-Speech-Language Pathologists
3245 .MED-Other Therapists
3250 .MED-Veterinarians
3255 .MED-Registered Nurses
3256 .MED-Nurse Anesthetists
3258 .MED-Nurse Practitioners, And Nurse Midwives
3261 .MED-Acupuncturists
3270 .MED-Healthcare Diagnosing Or Treating Practitioners, All .Other
3300 .MED-Clinical Laboratory Technologists And Technicians
3310 .MED-Dental Hygienists
3321 .MED-Cardiovascular Technologists and Technicians
3322 .MED-Diagnostic Medical Sonographers
3323 .MED-Radiologic Technologists And Technicians
3324 .MED-Magnetic Resonance Imaging Technologists
3330 .MED-Nuclear Medicine Technologists and Medical 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
3820 .PRT-Detectives And Criminal Investigators
3840 .PRT-Fish And Game Wardens And Parking Enforcement Officers
3870 .PRT-Police Officers
3900 .PRT-Animal Control Workers
3910 .PRT-Private Detectives And Investigators
3930 .PRT-Security Guards And Gambling Surveillance Officers
3940 .PRT-Crossing Guards And Flaggers
3945 .PRT-Transportation Security Screeners
3946 .PRT-School Bus Monitors
3960 .PRT-Other Protective Service Workers
4000 .EAT-Chefs And Head Cooks
4010 .EAT-First-Line Supervisors Of Food Preparation And Serving Workers
4020 .EAT-Cooks
4030 .EAT-Food Preparation Workers
4040 .EAT-Bartenders
4055 .EAT-Fast Food And Counter Workers
4110 .EAT-Waiters And Waitresses
4120 .EAT-Food Servers, Nonrestaurant
4130 .EAT-Dining Room And Cafeteria Attendants And Bartender Helpers
4140 .EAT-Dishwashers
4150 .EAT-Hosts And Hostesses, Restaurant, Lounge, And Coffee Shop
4160 .EAT-Food Preparation and Serving Related Workers, All Other
4200 .CLN-First-Line Supervisors Of Housekeeping And Janitorial Workers
4210 .CLN-First-Line Supervisors Of Landscaping, Lawn Service, And Groundskeeping Workers
4220 .CLN-Janitors And Building Cleaners
4230 .CLN-Maids And Housekeeping Cleaners
4240 .CLN-Pest Control Workers
4251 .CLN-Landscaping And Groundskeeping Workers
4252 .CLN-Tree Trimmers and Pruners
4255 .CLN-Other Grounds Maintenance Workers
4330 .PRS-Supervisors Of Personal Care And Service Workers
4340 .PRS-Animal Trainers
4350 .PRS-Animal Caretakers
4400 .PRS-Gambling Services Workers
4420 .PRS-Ushers, Lobby Attendants, And Ticket Takers
4435 .PRS-Other Entertainment Attendants And Related Workers
4461 .PRS-Embalmers, Crematory Operators And Funeral Attendants
4465 .PRS-Morticians, Undertakers, And Funeral Arrangers
4500 .PRS-Barbers
4510 .PRS-Hairdressers, Hairstylists, And Cosmetologists
4521 .PRS-Manicurists And Pedicurists
4522 .PRS-Skincare Specialists
4525 .PRS-Other Personal Appearance Workers
4530 .PRS-Baggage Porters, Bellhops, And Concierges
4540 .PRS-Tour And Travel Guides
4600 .PRS-Childcare Workers
4621 .PRS-Exercise Trainers And Group Fitness Instructors
4622 .PRS-Recreation Workers
4640 .PRS-Residential Advisors
4655 .PRS-Personal Care and Service Workers, All Other
4700 .SAL-First-Line Supervisors Of Retail Sales Workers
4710 .SAL-First-Line Supervisors Of Non-Retail Sales Workers
4720 .SAL-Cashiers
4740 .SAL-Counter And Rental Clerks
4750 .SAL-Parts Salespersons
4760 .SAL-Retail Salespersons
4800 .SAL-Advertising Sales Agents
4810 .SAL-Insurance Sales Agents
4820 .SAL-Securities, Commodities, And Financial Services Sales Agents
4830 .SAL-Travel Agents
4840 .SAL-Sales Representatives Of Services, Except Advertising, Insurance, Financial Services, And Travel
4850 .SAL-Sales Representatives, Wholesale And Manufacturing
4900 .SAL-Models, Demonstrators, And Product Promoters
4920 .SAL-Real Estate Brokers And Sales Agents
4930 .SAL-Sales Engineers
4940 .SAL-Telemarketers
4950 .SAL-Door-To-Door Sales Workers, News And Street Vendors, And Related Workers
4965 .SAL-Sales And Related Workers, All Other
5000 .OFF-First-Line Supervisors Of Office And Administrative Support Workers
5010 .OFF-Switchboard Operators, Including Answering Service
5020 .OFF-Telephone Operators
5040 .OFF-Communications Equipment Operators, All Other
5100 .OFF-Bill And Account Collectors
5110 .OFF-Billing And Posting Clerks
5120 .OFF-Bookkeeping, Accounting, And Auditing Clerks
5140 .OFF-Payroll And Timekeeping Clerks
5150 .OFF-Procurement Clerks
5160 .OFF-Tellers
5165 .OFF-Other Financial Clerks
5220 .OFF-Court, Municipal, And License Clerks
5230 .OFF-Credit Authorizers, Checkers, And Clerks
5240 .OFF-Customer Service Representatives
5250 .OFF-Eligibility Interviewers, Government Programs
5260 .OFF-File Clerks
5300 .OFF-Hotel, Motel, And Resort Desk Clerks
5310 .OFF-Interviewers, Except Eligibility And Loan
5320 .OFF-Library Assistants, Clerical
5330 .OFF-Loan Interviewers And Clerks
5340 .OFF-New Accounts Clerks
5350 .OFF-Correspondence Clerks And Order Clerks
5360 .OFF-Human Resources Assistants, Except Payroll And .Timekeeping
5400 .OFF-Receptionists And Information Clerks
5410 .OFF-Reservation And Transportation Ticket Agents And Travel .Clerks
5420 .OFF-Other Information And Records Clerks
5500 .OFF-Cargo And FreightAgents
5510 .OFF-Couriers And Messengers
5521 .OFF-Public Safety Telecommunicators
5522 .OFF-Dispatchers, Except Police, Fire, And Ambulance
5530 .OFF-Meter Readers, Utilities
5540 .OFF-Postal Service Clerks
5550 .OFF-Postal Service Mail Carriers
5560 .OFF-Postal Service Mail Sorters, Processors, And Processing .Machine Operators
5600 .OFF-Production, Planning, And Expediting Clerks
5610 .OFF-Shipping, Receiving, And Inventory Clerks
5630 .OFF-Weighers, Measurers, Checkers, And Samplers, .Recordkeeping
5710 .OFF-Executive Secretaries And Executive Administrative .Assistants
5720 .OFF-Legal Secretaries And Administrative Assistants
5730 .OFF-Medical Secretaries And Administrative Assistants
5740 .OFF-Secretaries And Administrative Assistants, Except .Legal, Medical, And Executive
5810 .OFF-Data Entry Keyers
5820 .OFF-Word Processors And Typists
5840 .OFF-Insurance Claims And Policy Processing Clerks
5850 .OFF-Mail Clerks And Mail Machine Operators, Except Postal .Service
5860 .OFF-Office Clerks, General
5900 .OFF-Office Machine Operators, Except Computer
5910 .OFF-Proofreaders And Copy Markers
5920 .OFF-Statistical Assistants
5940 .OFF-Other Office And Administrative Support Workers
6005 .FFF-First-Line Supervisors Of Farming, Fishing, And .Forestry Workers
6010 .FFF-AgriculturalInspectors
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
6765 .CON-Other Construction And Related Workers
6800 .EXT-Derrick, Rotary Drill, And Service Unit Operators, And
   .Roustabouts, Oil, Gas, And Mining
6825 .EXT-Surface Mining Machine Operators And Earth Drillers
6835 .EXT-Explosives Workers, Ordnance Handling Experts, and
   .Blasters
6850 .EXT-Underground Mining Machine Operators
6950 .EXT-Other Extraction Workers
7000 .RPR-First-Line Supervisors Of Mechanics, Installers, And
   .Repairers
7010 .RPR-Computer, Automated Teller, And Office Machine
   .Repairers
7020 .RPR-Radio And Telecommunications Equipment Installers And
   .Repairers
7030 .RPR-Avionics Technicians
7040 .RPR-Electric Motor, Power Tool, And Related Repairers
7100 .RPR-Other Electrical And Electronic Equipment Mechanics,
   .Installers, And Repairers
7120 .RPR-Audiovisual Equipment Installers And Repairers
7130 .RPR-Security And Fire Alarm Systems Installers
7140 .RPR-Aircraft Mechanics And Service Technicians
7150 .RPR-Automotive Body And Related Repairers
7160 .RPR-Automotive Glass Installers And Repairers
7200 .RPR-Automotive Service Technicians And Mechanics
7210 .RPR-Bus And Truck Mechanics And Diesel Engine Specialists
7220 .RPR-Heavy Vehicle And Mobile Equipment Service Technicians
   .And Mechanics
7240 .RPR-Small Engine Mechanics
7260 .RPR-Miscellaneous Vehicle And Mobile Equipment Mechanics,
   .Installers, And Repairers
7300 .RPR-Control And Valve Installers And Repairers
7315 .RPR-Heating, Air Conditioning, And Refrigeration Mechanics
   .And Installers
7320 .RPR-Home Appliance Repairers
7330 .RPR-Industrial And Refractory Machinery Mechanics
7340 .RPR-Maintenance And Repair Workers, General
7350 .RPR-Maintenance Workers, Machinery
7360 .RPR-Millwrights
7410 .RPR-Electrical Power-Line Installers And Repairers
7420 .RPR-Telecommunications Line Installers And Repairers
7430 .RPR-Precision Instrument And Equipment Repairers
7510 .RPR-Coin, Vending, And Amusement Machine Servicers And .Repairers
7540 .RPR-Locksmiths And Safe Repairers
7560 .RPR-Riggers
7610 .RPR-Helpers--Installation, Maintenance, And Repair Workers
7640 .RPR-Other Installation, Maintenance, And Repair Workers
7700 .PRD-First-Line Supervisors Of Production And Operating .Workers
7720 .PRD-Electrical, Electronics, And Electromechanical .Assemblers
7730 .PRD-Engine And Other Machine Assemblers
7740 .PRD-Structural Metal Fabricators And Fitters
7750 .PRD-Other Assemblers And Fabricators
7800 .PRD-Bakers
7830 .PRD-First-Line Supervisors Of Production And Operating .Workers
7840 .PRD-Other Assemblers And Fabricators
7850 .PRD-Other Assemblers And Fabricators
7905 .PRD-Computer Numerically Controlled Tool Operators And .Programmers
7925 .PRD-Other Machine Tool Setters, Operators, And Tenders, Metal .And Plastic
7950 .PRD-Other Machine Tool Setters, Operators, And Tenders, Metal .And Plastic
8000 .PRD-Grinding, Lapping, Polishing, And Buffing Machine Tool .Setters, Operators, And Tenders, Metal And Plastic
8025 .PRD-Other Machine Tool Setters, Operators, And Tenders, Metal .And Plastic
8030 .PRD-Machinists
8040 .PRD-Metal Furnace Operators, Tenders, Pourers, And Casters
8100 .PRD-Model Makers, Patternmakers, And Molding Machine .Setters, Metal And Plastic
8130 .PRD-Tool And Die Makers
8140 .PRD-Welding, Soldering, And Brazing Workers
8225 .PRD-Other Metal Workers And Plastic Workers
8250 .PRD-Prepress Technicians And Workers
8255 .PRD-Printing Press Operators
8266 .PRD-Print Binding And Finishing Workers
8300 .PRD-Laundry And Dry-Cleaning Workers
8310 .PRD-Pressers, Textile, Garment, And Related Materials
8320 .PRD-Sewing Machine Operators
8335 .PRD-Tool And Die Makers
8350 .PRD-Tailors, Dressmakers, And Sewers
8365 .PRD-Textile Machine Setters, Operators, And Tenders
8450 .PRD-Upholsterers
8465 .PRD-Other Textile, Apparel, And Furnishings Workers
8500 .PRD-Cabinetmakers And Bench Carpenters
8510 .PRD-Furniture Finishers
8530 .PRD-Sawing Machine Setters, Operators, And Tenders, Wood
8540 .PRD-Woodworking Machine Setters, Operators, And Tenders, Except Sawing
8555 .PRD-Other Woodworkers
8600 .PRD-Power Plant Operators, Distributors, And Dispatchers
8610 .PRD-Stationary Engineers And Boiler Operators
8620 .PRD-Water And Wastewater Treatment Plant And System Operators
8630 .PRD-Miscellaneous Plant And System Operators
8640 .PRD-Chemical Machine Setters, Operators, And Tenders
8650 .PRD-Crushing, Grinding, Polishing, Mixing, And Blending Workers
8710 .PRD-Cutting Workers
8720 .PRD-Extruding, Forming, Pressing, And Compacting Machine Setters, Operators, And Tenders
8730 .PRD-Furnace, Kiln, Oven, Drier, And Kettle Operators And Tenders
8740 .PRD-Inspectors, Testers, Sorters, Samplers, And Weighers
8750 .PRD-Jewelers And Precious Stone And Metal Workers
8760 .PRD-Dental And Ophthalmic Laboratory Technicians And Medical Appliance Technicians
8800 .PRD-Packaging And Filling Machine Operators And Tenders
8810 .PRD-Painting Workers
8830 .PRD-Photographic Process Workers And Processing Machine Operators
8850 .PRD-Adhesive Bonding Machine Operators And Tenders
8910 .PRD-Etchers And Engravers
8920 .PRD-Molders, Shapers, And Casters, Except Metal And Plastic
8930 .PRD-Paper Goods Machine Setters, Operators, And Tenders
8940 .PRD-Tire Builders
8950 .PRD-Helpers--Production Workers
8990 .PRD-Miscellaneous Production Workers, Including Equipment Operators And Tenders
9005 .TRN-Supervisors Of Transportation And Material Moving Workers
9030 .TRN-Aircraft Pilots And Flight Engineers
9040 .TRN-Air Traffic Controllers And Airfield Operations Specialists
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)
   bbbbbb .N/A (less than 16 years old)
   0 .No earnings
   -10000 .Loss of $10000 or more (Rounded and bottom-cod
domponents)
   -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)
   bbbbbb  .N/A (less than 15 years old)
   0 .None
   -19998 .Loss of $19998 or more (Rounded and bottom-cod
domponents)
   -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
108 .Finland
109 .France
110 .Germany
116 .Greece
117 .Hungary
118 .Iceland
119 .Ireland
120 .Italy
126 .Netherlands
127 .Norway
128 .Poland
129 .Portugal
130 .Azores Islands
132 .Romania
134 .Spain
136 .Sweden
137 .Switzerland
138 .United Kingdom, Not Specified
139 .England
140 .Scotland
142 .Northern Ireland
147 .Yugoslavia
148 .Czech Republic
149 .Slovakia
150 .Bosnia and Herzegovina
151 .Croatia
152 .Macedonia
154 .Serbia
156 .Latvia
157 .Lithuania
158 .Armenia
159 .Azerbaijan
160 .Belarus
161 .Georgia
162 .Moldova
163 .Russia
164 .Ukraine
165 .USSR
166 .Europe
167 .Kosovo
168 .Montenegro
169 .Other Europe, Not Specified
200 .Afghanistan
202 .Bangladesh
203 .Bhutan
205 .Myanmar
206 .Cambodia
207 .China
209 .Hong Kong
210 .India
211 .Indonesia
212 .Iran
213 .Iraq
214 .Israel
215 .Japan
216 .Jordan
217 .Korea
| 218  | Kazakhstan       |
| 219  | Kyrgyzstan      |
| 222  | Kuwait           |
| 223  | Laos             |
| 224  | Lebanon          |
| 226  | Malaysia         |
| 228  | Mongolia         |
| 229  | Nepal            |
| 231  | Pakistan         |
| 233  | Philippines      |
| 235  | Saudi Arabia     |
| 236  | Singapore        |
| 238  | Sri Lanka        |
| 239  | Syria            |
| 240  | Taiwan           |
| 242  | Thailand         |
| 243  | Turkey           |
| 245  | United Arab Emirates |
| 246  | Uzbekistan       |
| 247  | Vietnam          |
| 248  | Yemen            |
| 249  | Asia             |
| 253  | South Central Asia, Not Specified |
| 254  | Other Asia, Not Specified |
| 300  | Bermuda          |
| 301  | Canada           |
| 303  | Mexico           |
| 310  | Belize           |
| 311  | Costa Rica       |
| 312  | El Salvador      |
| 313  | Guatemala        |
| 314  | Honduras         |
| 315  | Nicaragua        |
| 316  | Panama           |
| 321  | Antigua and Barbuda |
| 323  | Bahamas          |
| 324  | Barbados         |
| 327  | Cuba             |
| 328  | Dominica         |
| 329  | Dominican Republic |
| 330  | Grenada          |
| 332  | Haiti            |
| 333  | Jamaica          |
| 338  | St. Kitts-Nevis  |
| 339  | St. Lucia        |
| 340  | St. Vincent and the Grenadines |
| 341  | Trinidad and Tobago |
| 343  | West Indies      |
| 344  | Caribbean, Not Specified |
| 360  | Argentina        |
| 361  | Bolivia          |
| 362  | Brazil           |
| 363  | Chile            |
| 364  | Colombia         |
| 365  | Ecuador          |
| 368  | Guyana           |
| 369  | Paraguay         |
370 .Peru
372 .Uruguay
373 .Venezuela
374 .South America
399 .Americas, Not Specified
400 .Algeria
407 .Cameroon
408 .Cabo Verde
412 .Congo
414 .Egypt
416 .Ethiopia
417 .Eritrea
420 .Gambia
421 .Ghana
423 .Guinea
425 .Ivory Coast
427 .Kenya
429 .Liberia
430 .Libya
436 .Morocco
440 .Nigeria
442 .Rwanda
444 .Senegal
447 .Sierra Leone
448 .Somalia
449 .South Africa
451 .Sudan
453 .Tanzania
454 .Togo
456 .Tunisia
457 .Uganda
459 .Democratic Republic of Congo (Zaire)
460 .Zambia
461 .Zimbabwe
462 .Africa
463 .South Sudan
464 .Northern Africa, Not Specified
467 .Western Africa, Not Specified
468 .Other Africa, Not Specified
469 .Eastern Africa, Not Specified
501 .Australia
508 .Fiji
511 .Marshall Islands
512 .Micronesia
515 .New Zealand
523 .Tonga
527 .Samoa
554 .Other US Island Areas, Oceania, Not Specified, or at Sea

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

POWPUMA  Character  5
Place of work PUMA based on 2010 Census definition
Did not work in the United States or in Puerto Rico

Assigned Place of work PUMA. Use with POWSP.

POWSP

Character 3

Place of work - State or foreign country recode

Alabama/AL
Alabama/AL
Alaska/AK
Arkansas/AR
California/CA
Colorado/CO
Connecticut/CT
Delaware/DE
District of Columbia/DC
Florida/FL
Georgia/GA
Hawaii/HI
Idaho/ID
Illinois/IL
Indiana/IN
Iowa/IA
Kansas/KS
Kentucky/KY
Louisiana/LA
Maine/ME
Maryland/MD
Massachusetts/MA
Michigan/MI
Minnesota/MN
Mississippi/MS
Missouri/MO
Montana/MT
Nebraska/NE
Nevada/NV
New Hampshire/NH
New Jersey/NJ
New Mexico/NM
New York/NY
North Carolina/NC
North Dakota/ND
Ohio/Ohio
Oklahoma/OK
Oregon/OR
Pennsylvania/PA
Rhode Island/RI
South Carolina/SC
South Dakota/SD
Tennessee/tn
Texas/TX
Utah/UT
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<td>Other Asia, Not Specified</td>
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<td>Canada</td>
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<tr>
<td>555</td>
<td>Other US Island Areas Not Specified, Africa, Oceania, at Sea, or Abroad, Not Specified</td>
</tr>
</tbody>
</table>

**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

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103
.Chippewa alone
.Choc'taw alone
.Comanche alone
.Creek alone
.Crow alone
.Hopi alone
.Iroquois alone
.Lumbee alone
.Mexican American Indian alone
.Navajo alone
.Pima alone
.Potawatomi alone
.Pueblo alone
.Puget Sound Salish alone
.Seminole alone
.Sioux alone
.South American Indian alone
.Tohono O'Odham alone
.Yaqui alone
.Other specified American Indian tribes alone
.All other specified American Indian tribe combinations
.American Indian, tribe not specified
.Alaskan Athabascan alone
.Tlingit-Haida alone
.Inupiat alone
.Yup'ik alone
.Aleut alone
.Other Alaska Native
.Other American Indian and Alaska Native specified
.American Indian and Alaska Native, not specified
.Asian Indian alone
.Bangladeshi alone
.Bhutanese alone
.Burmese alone
.Cambodian alone
.Chinese, except Taiwanese, alone
.Taiwanese alone
.Filipino alone
.Hmong alone
.Indonesian alone
.Japanese alone
.Korean alone
.Laotian alone
.Malaysian alone
.Mongolian alone
.Nepalese alone
.Pakistani alone
.Sri Lankan alone
.Thai alone
.Vietnamese alone
.Other Asian alone
.All combinations of Asian races only
.Native Hawaiian alone
.Samoan alone
.Tongan alone
.Guamanian or Chamorro alone
.Marshallese alone
65 .Fijian alone
66 .Other Native Hawaiian and Other Pacific Islander
67 .Some Other Race alone
68 .Two or More Races

**RAC3P**  Character  3
Recoded detailed race code
001 .White alone
002 .Black or African American alone
003 .American Indian and Alaska Native alone
004 .Asian Indian alone
005 .Chinese alone
006 .Filipino alone
007 .Japanese alone
008 .Korean alone
009 .Vietnamese alone
010 .Other Asian alone
011 .Native Hawaiian alone
012 .Guamanian or Chamorro alone
013 .Samoan alone
014 .Other Pacific Islander alone
015 .Some Other Race alone
016 .White; Black or African American
017 .White; American Indian and Alaska Native
018 .White; Asian Indian
019 .White; Chinese
020 .White; Filipino
021 .White; Japanese
022 .White; Korean
023 .White; Vietnamese
024 .White; Other Asian
025 .White; Native Hawaiian
026 .White; Guamanian or Chamorro
027 .White; Samoan
028 .White; Other Pacific Islander
029 .White; Some Other Race
030 .Black or African American; American Indian and Alaska Native
031 .Black or African American; Asian Indian
032 .Black or African American; Chinese
033 .Black or African American; Filipino
034 .Black or African American; Japanese
035 .Black or African American; Korean
036 .Black or African American; Other Asian
037 .Black or African American; Other Pacific Islander
038 .Black or African American; Some Other Race
039 .American Indian and Alaska Native; Asian Indian
040 .American Indian and Alaska Native; Filipino
041 .American Indian and Alaska Native; Some Other Race
042 .Asian Indian; Other Asian
043 .Asian Indian; Some Other Race
044 .Chinese; Filipino
045 .Chinese; Japanese
046 .Chinese; Korean
047 .Chinese; Vietnamese
048 .Chinese; Other Asian
049 .Chinese; Native Hawaiian
050 .Filipino; Japanese
051 .Filipino; Native Hawaiian
052 .Filipino; Other Pacific Islander
053 .Filipino; Some Other Race
054 .Japanese; Korean
055 .Japanese; Native Hawaiian
056 .Vietnamese; Other Asian
057 .Other Asian; Other Pacific Islander
058 .Other Asian; Some Other Race
059 .Other Pacific Islander; Some Other Race
060 .White; Black or African American; American Indian and Alaska .Native
061 .White; Black or African American; Filipino
062 .White; Black or African American; Some Other Race
063 .White; American Indian and Alaska Native; Filipino
064 .White; American Indian and Alaska Native; Some Other Race
065 .White; Chinese; Filipino
066 .White; Chinese; Japanese
067 .White; Chinese; Native Hawaiian
068 .White; Filipino; Native Hawaiian
069 .White; Japanese; Native Hawaiian
070 .White; Other Asian; Some Other Race
071 .Chinese; Filipino; Native Hawaiian
072 .White; Chinese; Filipino; Native Hawaiian
073 .White; Chinese; Japanese; Native Hawaiian
074 .Black or African American; Asian groups
075 .Black or African American; Native Hawaiian and Other Pacific Islander groups
076 .Asian Indian; Asian groups
077 .Filipino; Asian groups
078 .White; Black or African American; Asian groups
079 .White; American Indian and Alaska Native; Asian groups
080 .White; Native Hawaiian and Other Pacific Islander groups; .and/or Some Other Race
081 .White; Black or African American; American Indian and Alaska .Native; Asian groups
082 .White; Black or African American; American Indian and Alaska .Native; and/or Native Hawaiian and Other Pacific Islander .groups; and/or Some Other Race
083 .White; Black or African American; and/or Asian groups; .and/or Native Hawaiian and Other Pacific Islander groups; .and/or Some Other Race
084 .White; American Indian and Alaska Native; and/or Asian .groups; and/or Native Hawaiian and Other Pacific Islander .groups
085 .White; Chinese; Filipino; and/or Asian groups; and/or Native .Hawaiian and Other Pacific Islander groups; and/or Some .Other Race
086 .White; Chinese; and/or Asian groups; and/or Native Hawaiian .and Other Pacific Islander groups; and/or Some Other Race
087 .White; Filipino; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
088 .White; Japanese; and/or Asian groups; and/or Native Hawaiian .and Other Pacific Islander groups; and/or Some Other Race
089 .White; Asian groups; and/or Native Hawaiian and Other .Pacific Islander groups; and/or Some Other Race
090 .Black or African American; American Indian and Alaska Native; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
091 .Black or African American; Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
092 .American Indian and Alaska Native; Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
093 .Asian Indian; and/or White; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
094 .Chinese; Japanese; Native Hawaiian; and/or other Asian .and/or Pacific Islander groups
095 .Chinese; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
096 .Filipino; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
097 .Japanese; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
098 .Korean; and/or Vietnamese; and/or Other Asian; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
099 .Native Hawaiian; and/or Pacific Islander groups; and/or Some Other Race
100 .White; and/or Black or African American; and/or American Indian and Alaska Native; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race

RACAIAN 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

**SCIENGP**  
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
<table>
<thead>
<tr>
<th>SOC/Character</th>
<th>Description</th>
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<tbody>
<tr>
<td>1110XX</td>
<td>MGR-Chief Executives And Legislators</td>
</tr>
<tr>
<td>111021</td>
<td>MGR-General And Operations Managers</td>
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<tr>
<td>112011</td>
<td>MGR-Advertising And Promotions Managers</td>
</tr>
<tr>
<td>112021</td>
<td>MGR-Marketing Managers</td>
</tr>
<tr>
<td>112022</td>
<td>MGR-Sales Managers</td>
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<tr>
<td>112030</td>
<td>MGR-Public Relations And Fundraising Managers</td>
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<tr>
<td>113012</td>
<td>MGR-Administrative Services Managers</td>
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<tr>
<td>113013</td>
<td>MGR-Facilities Managers</td>
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<tr>
<td>113021</td>
<td>MGR-Computer And Information Systems Managers</td>
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<tr>
<td>113031</td>
<td>MGR-Financial Managers</td>
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<td>MGR-Compensation And Benefits Managers</td>
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<tr>
<td>113121</td>
<td>MGR-Human Resources Managers</td>
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<td>113131</td>
<td>MGR-Training And Development Managers</td>
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<td>113051</td>
<td>MGR-Industrial Production Managers</td>
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<tr>
<td>113061</td>
<td>MGR-Purchasing Managers</td>
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<tr>
<td>113071</td>
<td>MGR-Transportation, Storage, And Distribution Managers</td>
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<tr>
<td>119013</td>
<td>MGR-Farmers, Ranchers, And Other Agricultural Managers</td>
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<tr>
<td>119021</td>
<td>MGR-Construction Managers</td>
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<tr>
<td>119030</td>
<td>MGR-Education And Childcare Administrators</td>
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<tr>
<td>119041</td>
<td>MGR-Architectural And Engineering Managers</td>
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<td>119051</td>
<td>MGR-Food Service Managers</td>
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<td>MGR-Entertainment And Recreation Managers</td>
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<td>119081</td>
<td>MGR-Lodging Managers</td>
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<td>119111</td>
<td>MGR-Medical And Health Services Managers</td>
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<td>119121</td>
<td>MGR-Natural Sciences Managers</td>
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<tr>
<td>119141</td>
<td>MGR-Property, Real Estate, And Community Association Managers</td>
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<td>119151</td>
<td>MGR-Social And Community Service Managers</td>
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<tr>
<td>119161</td>
<td>MGR-Emergency Management Directors</td>
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<tr>
<td>1191XX</td>
<td>MGR-Other Managers</td>
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<tr>
<td>131011</td>
<td>BUS-Agents And Business Managers Of Artists, Performers, And Athletes</td>
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<tr>
<td>131021</td>
<td>BUS-Buyers And Purchasing Agents, Farm Products</td>
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<tr>
<td>131022</td>
<td>BUS-Wholesale And Retail Buyers, Except Farm Products</td>
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<tr>
<td>131023</td>
<td>BUS-Purchasing Agents, Except Wholesale, Retail, And Farm Products</td>
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<td>131030</td>
<td>BUS-Claims Adjusters, Appraisers, Examiners, And Investigators</td>
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<td>131041</td>
<td>BUS-Compliance Officers</td>
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<td>131051</td>
<td>BUS-Cost Estimators</td>
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<td>131070</td>
<td>BUS-Human Resources Workers</td>
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<td>131081</td>
<td>BUS-Logisticians</td>
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<td>131082</td>
<td>BUS-Project Management Specialists</td>
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<td>131111</td>
<td>BUS-Management Analysts</td>
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<tr>
<td>131121</td>
<td>BUS-Meeting, Convention, And Event Planners</td>
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<tr>
<td>131131</td>
<td>BUS-Fundraisers</td>
</tr>
<tr>
<td>131141</td>
<td>BUS-Compensation, Benefits, And Job Analysis Specialists</td>
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<tr>
<td>131151</td>
<td>BUS-Training And Development Specialists</td>
</tr>
<tr>
<td>131161</td>
<td>BUS-Market Research Analysts And Marketing Specialists</td>
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<tr>
<td>131199</td>
<td>BUS-Business Operations Specialists, All Other</td>
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<tr>
<td>132011</td>
<td>FIN-Accountants And Auditors</td>
</tr>
<tr>
<td>132020</td>
<td>FIN-Property Appraisers And Assessors</td>
</tr>
</tbody>
</table>
132031 .FIN-Budget Analysts
132041 .FIN-Credit Analysts
132051 .FIN-Financial And Investment Analysts
132052 .FIN-Personal Financial Advisors
132053 .FIN-Insurance Underwriters
132061 .FIN-Financial Examiners
132070 .FIN-Credit Counselors And Loan Officers
132081 .FIN-Tax Examiners And Collectors, And Revenue Agents
132082 .FIN-Tax Preparers
1320XX .FIN-Other Financial Specialists
151221 .CMM-Computer And Information Research Scientists
151211 .CMM-Computer Systems Analysts
151212 .CMM-Information Security Analysts
151251 .CMM-Computer Programmers
151252 .CMM-Software Developers
151253 .CMM-Software Quality Assurance Analysts And Testers
151254 .CMM-Web Developers
151255 .CMM-Web And Digital Interface Designers
151230 .CMM-Computer Support Specialists
15124X .CMM-Database Administrators And Architects
151244 .CMM-Network And Computer Systems Administrators
151241 .CMM-Computer Network Architects
151299 .CMM-Computer Occupations, All Other
152011 .CMM-Actuaries
152031 .CMM-Operations Research Analysts
1520XX .CMM-Other Mathematical Science Occupations
171011 .ENG-Architects, Except Landscape And Naval
171012 .ENG-Landscape Architects
171020 .ENG-Surveyors, Cartographers, And Photogrammetrists
172011 .ENG-Aerospace Engineers
1720XX .ENG-Biomedical And Agricultural Engineers
172041 .ENG-Chemical Engineers
172051 .ENG-Civil Engineers
172061 .ENG-Computer Hardware Engineers
172070 .ENG-Electrical And Electronics Engineers
172081 .ENG-Environmental Engineers
172110 .ENG-Industrial Engineers, Including Health And Safety
172121 .ENG-Marine Engineers And Naval Architects
172131 .ENG-Materials Engineers
172141 .ENG-Mechanical Engineers
1721XX .ENG-Petroleum, Mining And Geological Engineers, Including
1721YY .ENG-Other Engineers
173011 .ENG-Architectural And Civil Drafters
17301X .ENG-Other Drafters
173023 .ENG-Electrical And Electronic Engineering Technologists
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-Pre-School And Kindergarten Teachers
252020  .EDU-Elementary And Middle School Teachers
252030  .EDU-Secondary School Teachers
252050  .EDU-Special Education Teachers
253041  .EDU-Tutors
2530XX  .EDU-Other Teachers And Instructors
254010  .EDU-Archivists, Curators, And Museum Technicians
254022  .EDU-Librarians And Media Collections Specialists
254031  .EDU-Library Technicians
259040  .EDU-Teaching Assistants
2590XX  .EDU-Other Educational Instruction And Library Workers
271010  .ENT-Artists And Related Workers
271021  .ENT-Commercial And Industrial Designers
271022  .ENT-Fashion Designers
271023 .ENT-Floral Designers
271024 .ENT-Graphic Designers
271025 .ENT-Interior Designers
271026 .ENT-Merchandise Displayers And Windows Trimmers
27102X .ENT-Other Designers
272011 .ENT-Actors
272012 .ENT-Producers And Directors
272021 .ENT-Athletes And Sports Competitors
272022 .ENT-Coaches And Scouts
272023 .ENT-Umpires, Referees, And Other Sports Officials
272030 .ENT-Dancers And Choreographers
272041 .ENT-Music Directors And Composers
272042 .ENT-Musicians And Singers
272091 .ENT-Disc Jockeys, Except Radio
272099 .ENT-Entertainers And Performers, Sports And Related
 .Workers, All Other
273011 .ENT-Broadcast Announcers And Radio Disc Jockeys
273023 .ENT-News Analysts, Reporters, And Journalists
273031 .ENT-Public Relations Specialists
273041 .ENT-Editors
273042 .ENT-Technical Writers
273043 .ENT-Writers And Authors
273091 .ENT-Interpreters And Translators
273092 .ENT-Court Reporters And Simultaneous Captioners
273099 .ENT-Media And 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
292022 .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
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

113
<table>
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<tr>
<th>Code</th>
<th>Occupation</th>
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<tbody>
<tr>
<td>352010</td>
<td>.EAT-Cooks</td>
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<tr>
<td>352021</td>
<td>.EAT-Food Preparation Workers</td>
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<tr>
<td>353011</td>
<td>.EAT-Bartenders</td>
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<tr>
<td>353023</td>
<td>.EAT-Fast Food And Counter Workers</td>
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<tr>
<td>353031</td>
<td>.EAT-Waiters And Waitresses</td>
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<tr>
<td>353041</td>
<td>.EAT-Food Servers, Nonrestaurant</td>
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<tr>
<td>359011</td>
<td>.EAT-Dining Room And Cafeteria Attendants And Bartender Helpers</td>
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<td>359021</td>
<td>.EAT-Dishwashers</td>
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<td>359031</td>
<td>.EAT-Hosts And Hostesses, Restaurant, Lounge, And Coffee Shop</td>
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<td>359099</td>
<td>.EAT-Food Preparation And Serving Related Workers, All Other</td>
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<tr>
<td>371011</td>
<td>.CLN-First-Line Supervisors Of Housekeeping And Janitorial Workers</td>
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<td>371012</td>
<td>.CLN-First-Line Supervisors Of Landscaping, Lawn Service, And Groundskeeping workers</td>
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<td>37201X</td>
<td>.CLN-Janitors And Building Cleaners</td>
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<tr>
<td>372012</td>
<td>.CLN-Maids And Housekeeping Cleaners</td>
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<tr>
<td>372021</td>
<td>.CLN-Pest Control Workers</td>
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<tr>
<td>373011</td>
<td>.CLN-Landscaping And Groundskeeping Workers</td>
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<tr>
<td>373013</td>
<td>.CLN-Tree Trimmers And Pruners</td>
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<tr>
<td>37301X</td>
<td>.CLN-Other Grounds Maintenance Workers</td>
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<tr>
<td>391000</td>
<td>.PRS-Supervisors of Personal Care And Service Workers</td>
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<tr>
<td>392011</td>
<td>.PRS-Animal Trainers</td>
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<td>392021</td>
<td>.PRS-Animal Caretakers</td>
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<td>393010</td>
<td>.PRS-Gambling Services Workers</td>
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<td>393031</td>
<td>.PRS-Ushers, Lobby Attendants, And Ticket Takers</td>
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<td>.PRS-Other Entertainment Attendants And Related Workers</td>
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<td>394011</td>
<td>.PRS-Morticians, Undertakers, And Funeral Arrangers</td>
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<tr>
<td>3940XX</td>
<td>.PRS-Embalmers, Crematory Operators And Funeral Attendants</td>
</tr>
<tr>
<td>395011</td>
<td>.PRS-Barbers</td>
</tr>
<tr>
<td>395012</td>
<td>.PRS-Hairdressers, Hairstylists, And Cosmetologists</td>
</tr>
<tr>
<td>395092</td>
<td>.PRS-Manicurists and Pedicurists</td>
</tr>
<tr>
<td>395094</td>
<td>.PRS-Skincare Specialists</td>
</tr>
<tr>
<td>39509X</td>
<td>.PRS-Other Personal Appearance Workers</td>
</tr>
<tr>
<td>396010</td>
<td>.PRS-Baggage Porters, Bellhops, And Concierges</td>
</tr>
<tr>
<td>397010</td>
<td>.PRS-Tour And Travel Guides</td>
</tr>
<tr>
<td>399011</td>
<td>.PRS-Childcare Workers</td>
</tr>
<tr>
<td>399031</td>
<td>.PRS-Exercise Trainers And Group Fitness Instructors</td>
</tr>
<tr>
<td>399032</td>
<td>.PRS-Recreation Workers</td>
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<tr>
<td>399041</td>
<td>.PRS-Residential Advisors</td>
</tr>
<tr>
<td>399099</td>
<td>.PRS-Personal Care And Service Workers, All Other</td>
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<tr>
<td>411011</td>
<td>.SAL-First-Line Supervisors Of Retail Sales Workers</td>
</tr>
<tr>
<td>411012</td>
<td>.SAL-First-Line Supervisors Of Non-Retail Sales Workers</td>
</tr>
<tr>
<td>412010</td>
<td>.SAL-Cashiers</td>
</tr>
<tr>
<td>412021</td>
<td>.SAL-Counter And Rental Clerks</td>
</tr>
<tr>
<td>412022</td>
<td>.SAL-Parts Salespersons</td>
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<tr>
<td>412031</td>
<td>.SAL-Retail Salespersons</td>
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<tr>
<td>413011</td>
<td>.SAL-Advertising Sales Agents</td>
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<tr>
<td>413021</td>
<td>.SAL-Insurance Sales Agents</td>
</tr>
<tr>
<td>413031</td>
<td>.SAL-Securities, Commodities, And Financial Services Sales Agents</td>
</tr>
<tr>
<td>413041</td>
<td>.SAL-Travel Agents</td>
</tr>
<tr>
<td>413091</td>
<td>.SAL-Sales Representatives Of Services, Except Advertising, Insurance, Financial Services Sales Agents</td>
</tr>
<tr>
<td>414010</td>
<td>.SAL-Sales Representatives, Wholesale And Manufacturing</td>
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<tr>
<td>419010</td>
<td>.SAL-Models, Demonstrators, And Product Promoters</td>
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<td>.SAL-Real Estate Brokers And Sales Agents</td>
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<tr>
<td>419031</td>
<td>.SAL-Sales Engineers</td>
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<td>419041</td>
<td>.SAL-Telemarketers</td>
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<tr>
<td>419091</td>
<td>.SAL-Door-To-Door Sales Workers, News And Street Vendors, And Related Workers</td>
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<td>.SAL-Sales And Related Workers, All Other</td>
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<tr>
<td>431011</td>
<td>.OFF-First-Line Supervisors Of Office And Administrative Support Workers</td>
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<tr>
<td>432011</td>
<td>.OFF-Switchboard Operators, Including Answering Service</td>
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<tr>
<td>432021</td>
<td>.OFF-Telephone Operators</td>
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<tr>
<td>432099</td>
<td>.OFF-Communications Equipment Operators, All Other</td>
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<td>.OFF-Bill And Account Collectors</td>
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<tr>
<td>433021</td>
<td>.OFF-Billing And Posting Clerks</td>
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<tr>
<td>433031</td>
<td>.OFF-Bookkeeping, Accounting, And Auditing Clerks</td>
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<td>.OFF-Payroll And Timekeeping Clerks</td>
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<td>433061</td>
<td>.OFF-Procurement Clerks</td>
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<td>433071</td>
<td>.OFF-Tellers</td>
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<td>.OFF-Other Financial Clerks</td>
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<td>434031</td>
<td>.OFF-Court, Municipal, And License Clerks</td>
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<td>434041</td>
<td>.OFF-Credit Authorizers, Checkers, And Clerks</td>
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<td>.OFF-Customer Service Representatives</td>
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<td>434061</td>
<td>.OFF-Eligibility Interviewers, Government Programs</td>
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<td>.OFF-File Clerks</td>
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<td>434081</td>
<td>.OFF-Hotel, Motel, And Resort Desk Clerks</td>
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<td>.OFF-Interviewers, Except Eligibility And Loan</td>
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<td>434121</td>
<td>.OFF-Library Assistants, Clerical</td>
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<td>.OFF-Loan Interviewers And Clerks</td>
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<td>.OFF-New Accounts Clerks</td>
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<td>434XXX</td>
<td>.OFF-Correspondence Clerks And Order Clerks</td>
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<td>.OFF-Human Resources Assistants, Except Payroll And .Timekeeping</td>
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<td>.OFF-Receptionists And Information Clerks</td>
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<td>.OFF-Reservation And Transportation Ticket Agents And .Travel Clerks</td>
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<td>.OFF-Other Information And Records Clerks</td>
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<td>.OFF-Cargo And Freight Agents</td>
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<td>435021</td>
<td>.OFF-Couriers And Messengers</td>
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<td>.OFF-Public Safety Telecommunicators</td>
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<td>435032</td>
<td>.OFF-Dispatchers, Except Police, Fire, And Ambulance</td>
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<td>.OFF-Meter Readers, Utilities</td>
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<td>.OFF-Postal Service Clerks</td>
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<td>.OFF-Postal Service Mail Carriers</td>
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<td>.OFF-Postal Service Mail Sorters, Processors, And .Processing Machine Operators</td>
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<td>.OFF-Production, Planning, And Expediting Clerks</td>
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<td>.OFF-Shipping, Receiving, And Inventory Clerks</td>
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<td>.OFF-Weighers, Measurers, Checkers, And Samplers, .Recordkeeping</td>
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<td>.OFF-Executive Secretaries And Executive Administrative .Assistants</td>
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<td>.OFF-Legal Secretaries And Administrative Assistants</td>
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<td>.OFF-Medical Secretaries And Administrative Assistants</td>
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<td>436014</td>
<td>.OFF-Secretaries And Administrative Assistants, Except .Legal, Medical, And Executive</td>
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<td>.OFF-Data Entry Keyers</td>
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<td>.OFF-Word Processors And Typists</td>
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<td>514031</td>
<td>PRD-Cutting, Punching, And Press Machine Setters, Operators, And Tenders, Metal And Plastic</td>
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<td>514033</td>
<td>PRD-Grinding, Lapping, Polishing, And Buffing Machine Tool Setters, Operators, And Tenders, Metal and Plastic</td>
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<td>51403X</td>
<td>PRD-Other Machine Tool Setters, Operators, And Tenders, Metal And Plastic</td>
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<td>PRD-Machinists</td>
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<td>PRD-Metal Furnace Operators, Tenders, Pourers, And Casters</td>
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<td>5140XX</td>
<td>PRD-Other Machine Tool Setters, Operators, And Tenders, Metal And Plastic</td>
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<td>PRD-Tool And Die Makers</td>
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<td>514120</td>
<td>PRD-Welding, Soldering, And Brazing Workers</td>
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<td>PRD-Other Metal Workers And Plastic Workers</td>
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<td>PRD-Prepress Technicians And Workers</td>
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<td>515112</td>
<td>PRD-Printing Press Operators</td>
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<td>515113</td>
<td>PRD-Print Binding And Finishing Workers</td>
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<td>516011</td>
<td>PRD-Laundry And Dry-Cleaning Workers</td>
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<td>516021</td>
<td>PRD-Pressers, Textile, Garment, And Related Materials</td>
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<td>516031</td>
<td>PRD-Sewing Machine Operators</td>
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<td>516040</td>
<td>PRD-Shoe And Leather Workers</td>
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<td>516050</td>
<td>PRD-Tailors, Dressmakers, And Sewers</td>
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<td>516060</td>
<td>PRD-Textile Machine Setters, Operators, And Tenders</td>
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<td>516093</td>
<td>PRD-Upholsterers</td>
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<td>51609X</td>
<td>PRD-Other Textile, Apparel, And Furnishings Workers</td>
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<td>517011</td>
<td>PRD-Cabinetmakers And Bench Carpenters</td>
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<td>517021</td>
<td>PRD-Furniture Finishers</td>
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<td>517041</td>
<td>PRD-Sawing Machine Setters, Operators, And Tenders, Wood</td>
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<td>517042</td>
<td>PRD-Woodworking Machine Setters, Operators, And Tenders, Except Sawing</td>
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<td>5170XX</td>
<td>PRD-Other Woodworkers</td>
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<tr>
<td>518010</td>
<td>PRD-Power Plant Operators, Distributors, And Dispatchers</td>
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<tr>
<td>518021</td>
<td>PRD-Stationary Engineers And Boiler Operators</td>
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<tr>
<td>518031</td>
<td>PRD-Water And Wastewater Treatment Plant And System Operators</td>
</tr>
<tr>
<td>518090</td>
<td>PRD-Miscellaneous Plant And System Operators</td>
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<tr>
<td>519010</td>
<td>PRD-Chemical Processing Machine Setters, Operators, And Tenders</td>
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<tr>
<td>519020</td>
<td>PRD-Crushing, Grinding, Polishing, Mixing, And Blending Workers</td>
</tr>
<tr>
<td>519030</td>
<td>PRD-Cutting Workers</td>
</tr>
<tr>
<td>519041</td>
<td>PRD-Extruding, Forming, Pressing, And Compacting Machine Setters, Operators, And Tenders</td>
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<tr>
<td>519051</td>
<td>PRD-Furnace, Kiln, Oven, Drier, And Kettle Operators And Tenders</td>
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<tr>
<td>519061</td>
<td>PRD-Inspectors, Testers, Sorters, Samplers, And Weighers</td>
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<td>519071</td>
<td>PRD-Jewelers And Precious Stone And Metal Workers</td>
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<tr>
<td>519080</td>
<td>PRD-Dental And Ophthalmic Laboratory Technicians And Medical Appliance Technicians</td>
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<td>PRD-Packaging And Filling Machine Operators And Tenders</td>
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<td>519120</td>
<td>PRD-Painting Workers</td>
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<td>519151</td>
<td>PRD-Photographic Process Workers And Processing Machine Operators</td>
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<tr>
<td>519191</td>
<td>PRD-Adhesive Bonding Machine Operators And Tenders</td>
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<td>519194</td>
<td>PRD-Etchers And Engravers</td>
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<tr>
<td>519195</td>
<td>PRD-Molders, Shapers, And Casters, Except Metal And Plastic</td>
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</table>
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-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

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
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<td>FLANP</td>
<td>Language spoken at home allocation flag</td>
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<td>FLANXP</td>
<td>Language other than English allocation flag</td>
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<td>Marital status allocation flag</td>
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<td>Divorced in the past 12 months allocation flag</td>
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<td>Married in the past 12 months allocation flag</td>
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<td>Times married allocation flag</td>
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FMILPP  Character  1
Military periods of service allocation flag
0 .No
1 .Yes

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

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

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

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

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

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

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

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

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

FPUBCOVP  Character  1
Public health coverage recode allocation flag
0 .No
1 .Yes
FRACP  Character  1
  Detailed race allocation flag
    0 .No
    1 .Yes

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

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

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

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

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

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

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

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

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

FWAGP  Character  1
  Wages and salary income allocation flag
    0 .No
    1 .Yes
FWKHP  Character  1
Usual hours worked per week past 12 months allocation flag
0 .No
1 .Yes

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

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

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

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

PERSON RECORD-REPLICATE WEIGHTS

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
<table>
<thead>
<tr>
<th>Variable</th>
<th>Type</th>
<th>Description</th>
<th>Range</th>
</tr>
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<tbody>
<tr>
<td>PWGTP8</td>
<td>Numeric</td>
<td>Person's Weight replicate 8</td>
<td>-9999..9999</td>
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<td>PWGTP9</td>
<td>Numeric</td>
<td>Person's Weight replicate 9</td>
<td>-9999..9999</td>
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<td>PWGTP10</td>
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<td>PWGTP11</td>
<td>Numeric</td>
<td>Person's Weight replicate 11</td>
<td>-9999..9999</td>
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<td>PWGTP12</td>
<td>Numeric</td>
<td>Person's Weight replicate 12</td>
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<td>PWGTP13</td>
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<td>PWGTP19</td>
<td>Numeric</td>
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<td>-9999..9999</td>
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<td>PWGTP20</td>
<td>Numeric</td>
<td>Person's Weight replicate 20</td>
<td>-9999..9999</td>
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<td>PWGTP21</td>
<td>Numeric</td>
<td>Person's Weight replicate 21</td>
<td>-9999..9999</td>
</tr>
</tbody>
</table>
PWGTP22   Numeric   5
Person's Weight replicate 22
-9999..9999 .Integer weight of person

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

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

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

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

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

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

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

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

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

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

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

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

PWGTP35   Numeric   5
Person's Weight replicate 35
-9999..9999 .Integer weight of person
PWGTP36  Numeric  5
Person's Weight replicate 36
-9999..9999 .Integer weight of person

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

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

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

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

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

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

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

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

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

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

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

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

PWGTP49  Numeric  5
Person's Weight replicate 49
-9999..9999 .Integer weight of person
PWGTP50  Numeric  5
Person's Weight replicate 50
-9999..9999 .Integer weight of person

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

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

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

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

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

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

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

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

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

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

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

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

PWGTP63  Numeric  5
Person's Weight replicate 63
-9999..9999 .Integer weight of person
PWGTP64  Numeric  5
Person's Weight replicate 64
-9999..9999  .Integer weight of person

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

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

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

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

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

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

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

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

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

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

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

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

PWGTP77  Numeric  5
Person's Weight replicate 77
-9999..9999  .Integer weight of person
PWGTP78 Numeric 5
Person's Weight replicate 78
-9999..9999 .Integer weight of person

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

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