

2019 ACS PUMS DATA DICTIONARY

October 15, 2020

HOUSING RECORD

HOUSING RECORD-BASIC VARIABLES

RT **Character** **1**

Record Type

- H .Housing Record or Group Quarters Unit
- P .Person Record

SERIALNO **Character** **13**

Housing unit/GQ person serial number

- 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)

PUMA **Character** **5**

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

REGION **Character** **1**

Region code based on 2010 Census definitions

- 1 .Northeast
- 2 .Midwest
- 3 .South
- 4 .West
- 9 .Puerto Rico

ST **Character** **2**

State Code based on 2010 Census definitions

- 01 .Alabama/AL
- 02 .Alaska/AK
- 04 .Arizona/AZ
- 05 .Arkansas/AR
- 06 .California/CA
- 08 .Colorado/CO
- 09 .Connecticut/CT

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

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

0 .Group quarters place holder record
1..9999 .Integer weight of housing unit

NP Numeric 2

Number of persons in this household

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

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)
bbb .N/A (GQ/vacant/included in rent or in condo fee/no charge or electricity not used)
3..999 .\$.3 to \$.999 (Rounded and top-coded)

FS **Character 1**
Yearly food stamp/Supplemental Nutrition Assistance Program (SNAP) reciprocity
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)
 bbbbb .N/A (GQ/vacant/not owned or being bought)
 0 .None
 1..10000 \$.1 to \$10000 (Rounded and top-coded)

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

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

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

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

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

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

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

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

RMSR **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)
 bbbbb .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

- 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
.LF

FINCP **Numeric** **7**
Family income (past 12 months, use ADJINC to adjust FINCP to constant dollars)
bbbbbbb .N/A (GQ/vacant)
0 .No family income
-59999 .Loss of -\$59,999 or more
-59998..-1 .Loss of \$1 to -\$59,998
1..9999999 .Total family income in dollars (Components are rounded)

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

GRNTP **Numeric** **4**
Gross rent (monthly amount, use ADJHSG to adjust GRNTP to constant dollars)
bbbb .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

bbbb .N/A (GQ/vacant)
1000 .Jamaican Creole English
1025 .Other English-based Creole languages
1055 .Haitian
1069 .Kabuverdianu
1110 .German
1120 .Swiss German
1125 .Pennsylvania German
1130 .Yiddish
1132 .Dutch
1134 .Afrikaans
1140 .Swedish
1141 .Danish
1142 .Norwegian
1155 .Italian
1170 .French
1175 .Cajun French
1200 .Spanish
1210 .Portuguese
1220 .Romanian
1231 .Irish
1235 .Greek
1242 .Albanian
1250 .Russian
1260 .Ukrainian
1262 .Czech
1263 .Slovak
1270 .Polish
1273 .Bulgarian
1274 .Macedonian
1275 .Serbocroatian
1276 .Bosnian
1277 .Croatian
1278 .Serbian
1281 .Lithuanian
1283 .Latvian
1288 .Armenian
1290 .Farsi
1292 .Dari
1315 .Kurdish
1327 .Pashto
1340 .India N.E.C.
1350 .Hindi
1360 .Urdu
1380 .Bengali
1420 .Punjabi
1435 .Konkani
1440 .Marathi
1450 .Gujarati
1500 .Nepali
1525 .Pakistan N.E.C.
1530 .Sinhala
1540 .Other Indo-Iranian languages
1564 .Other Indo-European languages
1565 .Finnish
1582 .Hungarian
1675 .Turkish

1690 .Mongolian
1730 .Telugu
1737 .Kannada
1750 .Malayalam
1765 .Tamil
1900 .Khmer
1960 .Vietnamese
1970 .Chinese
2000 .Mandarin
2030 .Min Nan Chinese
2050 .Cantonese
2100 .Tibetan
2160 .Burmese
2270 .Chin languages
2350 .Karen languages
2430 .Thai
2475 .Lao
2525 .Iu Mien
2535 .Hmong
2560 .Japanese
2575 .Korean
2715 .Malay
2770 .Indonesian
2850 .Other languages of Asia
2910 .Filipino
2920 .Tagalog
2950 .Cebuano
3150 .Ilocano
3190 .Other Philippine languages
3220 .Chamorro
3270 .Marshallese
3350 .Chuukese
3420 .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
 .relative, 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/
 .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)
 bbbbb .N/A (GQ/vacant/not owned or being bought)

0 .None
1..99999 .\$.1 - \$.99999 (Components are rounded)

SMX Character 1

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

SRNT Character 1

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

SVAL Character 1

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

TAXAMT Numeric 5

Property taxes (yearly real estate taxes)
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

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)
 reciprocity allocation flag
 0 .No
 1 .Yes

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FSINKP **Character** **1**
 Sink with a faucet allocation flag

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

FSMARTPHONP Character 1

Smartphone allocation flag

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

FSMOCP Character 1

Selected monthly owner cost allocation flag

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

FSMP Character 1

Total payment on second and junior mortgages and home equity loans (monthly amount) allocation flag

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

FSMXHP Character 1

Home equity loan status allocation flag

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

FSMXSP Character 1

Second mortgage status allocation flag

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

FSTOVP Character 1

Stove or range allocation flag

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

FTABLETP Character 1

Tablet or other portable wireless computer allocation flag

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

FTAXP Character 1

Property taxes (yearly amount) allocation flag

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

FTELP Character 1

Telephone service allocation flag

b .N/A (GQ)

0 .No
1 .Yes

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

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

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

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

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

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

HOUSING RECORD-REPLICATE WEIGHTS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

PERSON RECORD

PERSON RECORD-BASIC VARIABLES

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

SERIALNO **Character** **13**
 Housing unit/GQ person serial number
 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

47 .Tennessee/TN
 48 .Texas/TX
 49 .Utah/UT
 50 .Vermont/VT
 51 .Virginia/VA
 53 .Washington/WA
 54 .West Virginia/WV
 55 .Wisconsin/WI
 56 .Wyoming/WY
 72 .Puerto Rico/PR

ADJINC Character 7

Adjustment factor for income and earnings dollar amounts (6 implied decimal places)
 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
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2010 .2010
2011 .2011
2012 .2012
2013 .2013
2014 .2014
2015 .2015
2016 .2016
2017 .2017
2018 .2018
2019 .2019

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

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

JWRIP **Numeric** **2**
Vehicle occupancy
bb .N/A (not a worker or worker whose means of transportation to
work was not car, truck, or van)
1 .Drove alone
2 .In 2-person carpool
3 .In 3-person carpool

- 4 .In 4-person carpool
- 5 .In 5-person carpool
- 6 .In 6-person carpool
- 7 .In 7-person carpool
- 8 .In 8-person carpool
- 9 .In 9-person carpool
- 10 .In 10-person or more carpool (Top-coded)

JWTRNS **Character 2**

- Means of transportation to work
- bb .N/A (not a worker-not in the labor force, including persons under 16 years; unemployed; employed, with a job but not at work; Armed Forces, with a job but not at work)
 - 01 .Car, truck, or van
 - 02 .Bus
 - 03 .Subway or elevated rail
 - 04 .Long-distance train or commuter train
 - 05 .Light rail, streetcar, or trolley
 - 06 .Ferryboat
 - 07 .Taxicab
 - 08 .Motorcycle
 - 09 .Bicycle
 - 10 .Walked
 - 11 .Worked from home
 - 12 .Other method

LANX **Character 1**

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

MAR **Character 1**

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

MARHD **Character 1**

- Divorced in the past 12 months
- b .N/A (age less than 15 years; never married)
 - 1 .Yes
 - 2 .No
 - 8 .Suppressed for data year 2018 for select PUMAs

MARHM **Character 1**

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

MARHT **Character 1**

- Number of times married
- b .N/A (age less than 15 years; never married)

- 1 .One time
- 2 .Two times
- 3 .Three or more times

MARHW Character 1

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

MARHYP Numeric 4

- Year last married
- bbbb .N/A (age less than 15 years; never married)
- 1940 .1940 or earlier (Bottom-coded)
- 1941 .1941
- 1942 .1942
- 1943 .1943
- 1944 .1944
- 1945 .1945
- 1946 .1946
- 1947 .1947
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2015 .2015
2016 .2016
2017 .2017
2018 .2018
2019 .2019

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

RELSHIPP **Character** **2**
 Relationship
 20 .Reference person
 21 .Opposite-sex husband/wife/spouse
 22 .Opposite-sex unmarried partner
 23 .Same-sex husband/wife/spouse
 24 .Same-sex unmarried partner
 25 .Biological son or daughter
 26 .Adopted son or daughter
 27 .Stepson or stepdaughter
 28 .Brother or sister

29 .Father or mother
 30 .Grandchild
 31 .Parent-in-law
 32 .Son-in-law or daughter-in-law
 33 .Other relative
 34 .Roommate or housemate
 35 .Foster child
 36 .Other nonrelative
 37 .Institutionalized group quarters population
 38 .Noninstitutionalized group quarters population

RETP **Numeric** **6**
 Retirement income past 12 months (use ADJINC to adjust to constant dollars)
 bbbbbb .N/A (less than 15 years old)
 0 .None
 4..999999 .\$4 to \$999999 (Rounded and top-coded)

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

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

SCHL **Character** **2**
 Educational attainment
 bb .N/A (less than 3 years old)
 01 .No schooling completed
 02 .Nursery school, preschool
 03 .Kindergarten
 04 .Grade 1
 05 .Grade 2
 06 .Grade 3
 07 .Grade 4
 08 .Grade 5

09 .Grade 6
 10 .Grade 7
 11 .Grade 8
 12 .Grade 9
 13 .Grade 10
 14 .Grade 11
 15 .12th grade - no diploma
 16 .Regular high school diploma
 17 .GED or alternative credential
 18 .Some college, but less than 1 year
 19 .1 or more years of college credit, no degree
 20 .Associate's degree
 21 .Bachelor's degree
 22 .Master's degree
 23 .Professional degree beyond a bachelor's degree
 24 .Doctorate degree

SEMP **Numeric** **6**

Self-employment income past 12 months (signed, use ADJINC to adjust SEMP to constant dollars)

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

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

SSP **Numeric** **5**

Social Security income past 12 months (use ADJINC to adjust SSP to constant dollars)

bbbbbb .N/A (less than 15 years old)
 0 .None
 4..50000 . \$4 to \$50000 (Rounded and top-coded)

WAGP **Numeric** **6**

Wages or salary income past 12 months (use ADJINC to adjust WAGP to constant dollars)

bbbbbb .N/A (less than 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

99 .99 or more usual hours

WKL Character 1

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

WKWN Numeric 2

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

WRK Character 1

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

YOEP Numeric 4

Year of entry
bbbb .Not eligible - Born in the US
1929 .1929 or earlier (Bottom-coded)
1930 .1930 - 1934
1935 .1935 - 1938
1939 .1939 - 1940
1941 .1941 - 1942
1943 .1943 - 1944
1945 .1945
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2015 .2015
2016 .2016
2017 .2017
2018 .2018
2019 .2019

PERSON RECORD-RECODED PERSON VARIABLES

ANC **Character** **1**
Ancestry recode
1 .Single
2 .Multiple
3 .Unclassified

4 .Not reported
8 .Suppressed for data year 2018 for select PUMAs

ANC1P **Character 3**

Recoded Detailed Ancestry - first entry

000 .Suppressed for data year 2018 for select PUMAs
001 .Alsatian
003 .Austrian
005 .Basque
008 .Belgian
009 .Flemish
011 .British
012 .British Isles
020 .Danish
021 .Dutch
022 .English
024 .Finnish
026 .French
032 .German
040 .Prussian
046 .Greek
049 .Icelander
050 .Irish
051 .Italian
068 .Sicilian
077 .Luxembourger
078 .Maltese
082 .Norwegian
084 .Portuguese
087 .Scotch Irish
088 .Scottish
089 .Swedish
091 .Swiss
094 .Irish Scotch
097 .Welsh
098 .Scandinavian
099 .Celtic
100 .Albanian
102 .Belorussian
103 .Bulgarian
109 .Croatian
111 .Czech
112 .Bohemian
114 .Czechoslovakian
115 .Estonian
122 .German Russian
124 .Rom
125 .Hungarian
128 .Latvian
129 .Lithuanian
130 .Macedonian
131 .Montenegrin
142 .Polish
144 .Romanian
146 .Moldavian
148 .Russian
152 .Serbian

153 .Slovak
154 .Slovene
168 .Turkeستاني
169 .Uzbek
170 .Georgia CIS
171 .Ukrainian
176 .Yugoslavian
177 .Bosnian and Herzegovinian
178 .Slavic
179 .Slavonian
181 .Central European
183 .Northern European
185 .Southern European
187 .Western European
190 .Eastern European
194 .Germanic
195 .European
200 .Spaniard
210 .Mexican
211 .Mexican American
212 .Mexicano
213 .Chicano
215 .Mexican American Indian
218 .Mexican State
219 .Mexican Indian
221 .Costa Rican
222 .Guatemalan
223 .Honduran
224 .Nicaraguan
225 .Panamanian
226 .Salvadoran
227 .Central American
231 .Argentinean
232 .Bolivian
233 .Chilean
234 .Colombian
235 .Ecuadorian
236 .Paraguayan
237 .Peruvian
238 .Uruguayan
239 .Venezuelan
249 .South American
250 .Latin American
251 .Latin
252 .Latino
261 .Puerto Rican
271 .Cuban
275 .Dominican
290 .Hispanic
291 .Spanish
295 .Spanish American
300 .Bahamian
301 .Barbadian
302 .Belizean
308 .Jamaican
310 .Dutch West Indian
314 .Trinidadian Tobagonian

322 .British West Indian
325 .Antigua and Barbuda
329 .Grenadian
330 .Vincent-Grenadine Islander
331 .St Lucia Islander
335 .West Indian
336 .Haitian
359 .Other West Indian
360 .Brazilian
370 .Guyanese
400 .Algerian
402 .Egyptian
404 .Libyan
406 .Moroccan
411 .North African
416 .Iranian
417 .Iraqi
419 .Israeli
421 .Jordanian
423 .Kuwaiti
425 .Lebanese
427 .Saudi Arabian
429 .Syrian
431 .Armenian
434 .Turkish
435 .Yemeni
442 .Kurdish
465 .Palestinian
483 .Assyrian
484 .Chaldean
490 .Mideast
495 .Arab
496 .Arabic
499 .Other Arab
508 .Cameroonian
510 .Cape Verdean
515 .Congolese
522 .Ethiopian
523 .Eritrean
527 .Gambian
529 .Ghanaian
530 .Guinean
534 .Kenyan
541 .Liberian
553 .Nigerian
564 .Senegalese
566 .Sierra Leonean
568 .Somali
570 .South African
576 .Sudanese
586 .Togo
587 .Other Subsaharan African
588 .Ugandan
593 .Zimbabwean
598 .Western African
599 .African
600 .Afghan

603 .Bangladeshi
607 .Bhutanese
609 .Nepali
615 .Asian Indian
618 .Bengali
620 .East Indian
650 .Punjabi
680 .Pakistani
690 .Sri Lankan
700 .Burmese
703 .Cambodian
706 .Chinese
707 .Cantonese
712 .Mongolian
714 .Tibetan
716 .Hong Kong
720 .Filipino
730 .Indonesian
740 .Japanese
748 .Okinawan
750 .Korean
765 .Laotian
768 .Hmong
770 .Malaysian
776 .Thai
782 .Taiwanese
785 .Vietnamese
795 .Asian
799 .Other Asian
800 .Australian
803 .New Zealander
808 .Polynesian
811 .Hawaiian
814 .Samoan
815 .Tongan
820 .Micronesian
821 .Guamanian
822 .Chamorro
824 .Palauan
825 .Marshallese
841 .Fijian
850 .Pacific Islander
899 .Other Pacific
900 .Afro American
901 .Afro
902 .African American
903 .Black
904 .Negro
907 .Creole
913 .Central American Indian
914 .South American Indian
917 .Native American
918 .Indian
919 .Cherokee
920 .American Indian
922 .Eskimo
924 .White

925 .Anglo
927 .Appalachian
929 .Pennsylvania German
931 .Canadian
935 .French Canadian
936 .Acadian
937 .Cajun
939 .American
940 .United States
970 .New Mexico
983 .Texas
994 .North American
995 .Mixture
996 .Uncodable entries
997 .Other groups
998 .Other responses
999 .Not reported

ANC2P **Character 3**

Recoded Detailed Ancestry - second entry

000 .Suppressed for data year 2018 for select PUMAs
001 .Alsatian
003 .Austrian
005 .Basque
008 .Belgian
009 .Flemish
011 .British
012 .British Isles
020 .Danish
021 .Dutch
022 .English
024 .Finnish
026 .French
032 .German
040 .Prussian
046 .Greek
049 .Icelander
050 .Irish
051 .Italian
068 .Sicilian
077 .Luxembourger
078 .Maltese
082 .Norwegian
084 .Portuguese
087 .Scotch Irish
088 .Scottish
089 .Swedish
091 .Swiss
094 .Irish Scotch
097 .Welsh
098 .Scandinavian
099 .Celtic
100 .Albanian
102 .Belorussian
103 .Bulgarian
109 .Croatian
111 .Czech

112 .Bohemian
114 .Czechoslovakian
115 .Estonian
122 .German Russian
124 .Rom
125 .Hungarian
128 .Latvian
129 .Lithuanian
130 .Macedonian
131 .Montenegrin
142 .Polish
144 .Romanian
146 .Moldavian
148 .Russian
152 .Serbian
153 .Slovak
154 .Slovene
168 .Turkeستاني
169 .Uzbek
170 .Georgia CIS
171 .Ukrainian
176 .Yugoslavian
177 .Bosnian and Herzegovinian
178 .Slavic
179 .Slavonian
181 .Central European
183 .Northern European
185 .Southern European
187 .Western European
190 .Eastern European
194 .Germanic
195 .European
200 .Spaniard
210 .Mexican
211 .Mexican American
212 .Mexicano
213 .Chicano
215 .Mexican American Indian
218 .Mexican State
219 .Mexican Indian
221 .Costa Rican
222 .Guatemalan
223 .Honduran
224 .Nicaraguan
225 .Panamanian
226 .Salvadoran
227 .Central American
231 .Argentinean
232 .Bolivian
233 .Chilean
234 .Colombian
235 .Ecuadorian
236 .Paraguayan
237 .Peruvian
238 .Uruguayan
239 .Venezuelan
249 .South American

250 .Latin American
251 .Latin
252 .Latino
261 .Puerto Rican
271 .Cuban
275 .Dominican
290 .Hispanic
291 .Spanish
295 .Spanish American
300 .Bahamian
301 .Barbadian
302 .Belizean
308 .Jamaican
310 .Dutch West Indian
314 .Trinidadian Tobagonian
322 .British West Indian
325 .Antigua and Barbuda
329 .Grenadian
330 .Vincent-Grenadine Islander
331 .St Lucia Islander
335 .West Indian
336 .Haitian
359 .Other West Indian
360 .Brazilian
370 .Guyanese
400 .Algerian
402 .Egyptian
404 .Libyan
406 .Moroccan
411 .North African
416 .Iranian
417 .Iraqi
419 .Israeli
421 .Jordanian
423 .Kuwaiti
425 .Lebanese
427 .Saudi Arabian
429 .Syrian
431 .Armenian
434 .Turkish
435 .Yemeni
442 .Kurdish
465 .Palestinian
483 .Assyrian
484 .Chaldean
490 .Mideast
495 .Arab
496 .Arabic
499 .Other Arab
508 .Cameroonian
510 .Cape Verdean
515 .Congolese
522 .Ethiopian
523 .Eritrean
527 .Gambian
529 .Ghanaian
530 .Guinean

534 .Kenyan
541 .Liberian
553 .Nigerian
564 .Senegalese
566 .Sierra Leonean
568 .Somali
570 .South African
576 .Sudanese
586 .Togo
587 .Other Subsaharan African
588 .Ugandan
593 .Zimbabwean
598 .Western African
599 .African
600 .Afghan
603 .Bangladeshi
607 .Bhutanese
609 .Nepali
615 .Asian Indian
618 .Bengali
620 .East Indian
650 .Punjabi
680 .Pakistani
690 .Sri Lankan
700 .Burmese
703 .Cambodian
706 .Chinese
707 .Cantonese
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748 .Okinawan
750 .Korean
765 .Laotian
768 .Hmong
770 .Malaysian
776 .Thai
782 .Taiwanese
785 .Vietnamese
795 .Asian
799 .Other Asian
800 .Australian
803 .New Zealander
808 .Polynesian
811 .Hawaiian
814 .Samoan
815 .Tongan
820 .Micronesian
821 .Guamanian
822 .Chamorro
824 .Palauan
825 .Marshallese
841 .Fijian
850 .Pacific Islander

899 .Other Pacific
 900 .Afro American
 901 .Afro
 902 .African American
 903 .Black
 904 .Negro
 907 .Creole
 913 .Central American Indian
 914 .South American Indian
 917 .Native American
 918 .Indian
 919 .Cherokee
 920 .American Indian
 922 .Eskimo
 924 .White
 925 .Anglo
 927 .Appalachian
 929 .Pennsylvania German
 931 .Canadian
 935 .French Canadian
 936 .Acadian
 937 .Cajun
 939 .American
 940 .United States
 970 .New Mexico
 983 .Texas
 994 .North American
 995 .Mixture
 996 .Uncodable entries
 997 .Other groups
 998 .Other responses
 999 .Not reported

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
- bbbb .N/A (less than bachelor's degree)
 - 1100 .General Agriculture
 - 1101 .Agriculture Production And Management
 - 1102 .Agricultural Economics
 - 1103 .Animal Sciences
 - 1104 .Food Science
 - 1105 .Plant Science And Agronomy
 - 1106 .Soil Science
 - 1199 .Miscellaneous Agriculture
 - 1301 .Environmental Science
 - 1302 .Forestry
 - 1303 .Natural Resources Management
 - 1401 .Architecture
 - 1501 .Area Ethnic And Civilization Studies
 - 1901 .Communications
 - 1902 .Journalism
 - 1903 .Mass Media
 - 1904 .Advertising And Public Relations
 - 2001 .Communication Technologies
 - 2100 .Computer And Information Systems
 - 2101 .Computer Programming And Data Processing
 - 2102 .Computer Science
 - 2105 .Information Sciences
 - 2106 .Computer Administration Management And Security
 - 2107 .Computer Networking And Telecommunications
 - 2201 .Cosmetology Services And Culinary Arts
 - 2300 .General Education
 - 2301 .Educational Administration And Supervision

2303 .School Student Counseling
2304 .Elementary Education
2305 .Mathematics Teacher Education
2306 .Physical And Health Education Teaching
2307 .Early Childhood Education
2308 .Science And Computer Teacher Education
2309 .Secondary Teacher Education
2310 .Special Needs Education
2311 .Social Science Or History Teacher Education
2312 .Teacher Education: Multiple Levels
2313 .Language And Drama Education
2314 .Art And Music Education
2399 .Miscellaneous Education
2400 .General Engineering
2401 .Aerospace Engineering
2402 .Biological Engineering
2403 .Architectural Engineering
2404 .Biomedical Engineering
2405 .Chemical Engineering
2406 .Civil Engineering
2407 .Computer Engineering
2408 .Electrical Engineering
2409 .Engineering Mechanics Physics And Science
2410 .Environmental Engineering
2411 .Geological And Geophysical Engineering
2412 .Industrial And Manufacturing Engineering
2413 .Materials Engineering And Materials Science
2414 .Mechanical Engineering
2415 .Metallurgical Engineering
2416 .Mining And Mineral Engineering
2417 .Naval Architecture And Marine Engineering
2418 .Nuclear Engineering
2419 .Petroleum Engineering
2499 .Miscellaneous Engineering
2500 .Engineering Technologies
2501 .Engineering And Industrial Management
2502 .Electrical Engineering Technology
2503 .Industrial Production Technologies
2504 .Mechanical Engineering Related Technologies
2599 .Miscellaneous Engineering Technologies
2601 .Linguistics And Comparative Language And Literature
2602 .French German Latin And Other Common Foreign Language
.Studies
2603 .Other Foreign Languages
2901 .Family And Consumer Sciences
3201 .Court Reporting
3202 .Pre-Law And Legal Studies
3301 .English Language And Literature
3302 .Composition And Rhetoric
3401 .Liberal Arts
3402 .Humanities
3501 .Library Science
3600 .Biology
3601 .Biochemical Sciences
3602 .Botany
3603 .Molecular Biology
3604 .Ecology

3605 .Genetics
3606 .Microbiology
3607 .Pharmacology
3608 .Physiology
3609 .Zoology
3611 .Neuroscience
3699 .Miscellaneous Biology
3700 .Mathematics
3701 .Applied Mathematics
3702 .Statistics And Decision Science
3801 .Military Technologies
4000 .Multi/Interdisciplinary Studies
4001 .Intercultural And International Studies
4002 .Nutrition Sciences
4005 .Mathematics And Computer Science
4006 .Cognitive Science And Biopsychology
4007 .Interdisciplinary Social Sciences
4101 .Physical Fitness Parks Recreation And Leisure
4801 .Philosophy And Religious Studies
4901 .Theology And Religious Vocations
5000 .Physical Sciences
5001 .Astronomy And Astrophysics
5002 .Atmospheric Sciences And Meteorology
5003 .Chemistry
5004 .Geology And Earth Science
5005 .Geosciences
5006 .Oceanography
5007 .Physics
5008 .Materials Science
5098 .Multi-Disciplinary Or General Science
5102 .Nuclear, Industrial Radiology, And Biological Technologies
5200 .Psychology
5201 .Educational Psychology
5202 .Clinical Psychology
5203 .Counseling Psychology
5205 .Industrial And Organizational Psychology
5206 .Social Psychology
5299 .Miscellaneous Psychology
5301 .Criminal Justice And Fire Protection
5401 .Public Administration
5402 .Public Policy
5403 .Human Services And Community Organization
5404 .Social Work
5500 .General Social Sciences
5501 .Economics
5502 .Anthropology And Archeology
5503 .Criminology
5504 .Geography
5505 .International Relations
5506 .Political Science And Government
5507 .Sociology
5599 .Miscellaneous Social Sciences
5601 .Construction Services
5701 .Electrical, Mechanical, And Precision Technologies And
.Production
5901 .Transportation Sciences And Technologies
6000 .Fine Arts

6001 .Drama And Theater Arts
 6002 .Music
 6003 .Visual And Performing Arts
 6004 .Commercial Art And Graphic Design
 6005 .Film Video And Photographic Arts
 6006 .Art History And Criticism
 6007 .Studio Arts
 6099 .Miscellaneous Fine Arts
 6100 .General Medical And Health Services
 6102 .Communication Disorders Sciences And Services
 6103 .Health And Medical Administrative Services
 6104 .Medical Assisting Services
 6105 .Medical Technologies Technicians
 6106 .Health And Medical Preparatory Programs
 6107 .Nursing
 6108 .Pharmacy Pharmaceutical Sciences And Administration
 6109 .Treatment Therapy Professions
 6110 .Community And Public Health
 6199 .Miscellaneous Health Medical Professions
 6200 .General Business
 6201 .Accounting
 6202 .Actuarial Science
 6203 .Business Management And Administration
 6204 .Operations Logistics And E-Commerce
 6205 .Business Economics
 6206 .Marketing And Marketing Research
 6207 .Finance
 6209 .Human Resources And Personnel Management
 6210 .International Business
 6211 .Hospitality Management
 6212 .Management Information Systems And Statistics
 6299 .Miscellaneous Business And Medical Administration
 6402 .History
 6403 .United States History

FOD2P Character 4

Recoded field of degree - second entry

bbbb .N/A (less than bachelor's degree)
 1100 .General Agriculture
 1101 .Agriculture Production And Management
 1102 .Agricultural Economics
 1103 .Animal Sciences
 1104 .Food Science
 1105 .Plant Science And Agronomy
 1106 .Soil Science
 1199 .Miscellaneous Agriculture
 1301 .Environmental Science
 1302 .Forestry
 1303 .Natural Resources Management
 1401 .Architecture
 1501 .Area Ethnic And Civilization Studies
 1901 .Communications
 1902 .Journalism
 1903 .Mass Media
 1904 .Advertising And Public Relations
 2001 .Communication Technologies
 2100 .Computer And Information Systems

2101 .Computer Programming And Data Processing
 2102 .Computer Science
 2105 .Information Sciences
 2106 .Computer Administration Management And Security
 2107 .Computer Networking And Telecommunications
 2201 .Cosmetology Services And Culinary Arts
 2300 .General Education
 2301 .Educational Administration And Supervision
 2303 .School Student Counseling
 2304 .Elementary Education
 2305 .Mathematics Teacher Education
 2306 .Physical And Health Education Teaching
 2307 .Early Childhood Education
 2308 .Science And Computer Teacher Education
 2309 .Secondary Teacher Education
 2310 .Special Needs Education
 2311 .Social Science Or History Teacher Education
 2312 .Teacher Education: Multiple Levels
 2313 .Language And Drama Education
 2314 .Art And Music Education
 2399 .Miscellaneous Education
 2400 .General Engineering
 2401 .Aerospace Engineering
 2402 .Biological Engineering
 2403 .Architectural Engineering
 2404 .Biomedical Engineering
 2405 .Chemical Engineering
 2406 .Civil Engineering
 2407 .Computer Engineering
 2408 .Electrical Engineering
 2409 .Engineering Mechanics Physics And Science
 2410 .Environmental Engineering
 2411 .Geological And Geophysical Engineering
 2412 .Industrial And Manufacturing Engineering
 2413 .Materials Engineering And Materials Science
 2414 .Mechanical Engineering
 2415 .Metallurgical Engineering
 2416 .Mining And Mineral Engineering
 2417 .Naval Architecture And Marine Engineering
 2418 .Nuclear Engineering
 2419 .Petroleum Engineering
 2499 .Miscellaneous Engineering
 2500 .Engineering Technologies
 2501 .Engineering And Industrial Management
 2502 .Electrical Engineering Technology
 2503 .Industrial Production Technologies
 2504 .Mechanical Engineering Related Technologies
 2599 .Miscellaneous Engineering Technologies
 2601 .Linguistics And Comparative Language And Literature
 2602 .French German Latin And Other Common Foreign Language
 .Studies
 2603 .Other Foreign Languages
 2901 .Family And Consumer Sciences
 3201 .Court Reporting
 3202 .Pre-Law And Legal Studies
 3301 .English Language And Literature
 3302 .Composition And Rhetoric

3401 .Liberal Arts
3402 .Humanities
3501 .Library Science
3600 .Biology
3601 .Biochemical Sciences
3602 .Botany
3603 .Molecular Biology
3604 .Ecology
3605 .Genetics
3606 .Microbiology
3607 .Pharmacology
3608 .Physiology
3609 .Zoology
3611 .Neuroscience
3699 .Miscellaneous Biology
3700 .Mathematics
3701 .Applied Mathematics
3702 .Statistics And Decision Science
3801 .Military Technologies
4000 .Multi/Interdisciplinary Studies
4001 .Intercultural And International Studies
4002 .Nutrition Sciences
4005 .Mathematics And Computer Science
4006 .Cognitive Science And Biopsychology
4007 .Interdisciplinary Social Sciences
4101 .Physical Fitness Parks Recreation And Leisure
4801 .Philosophy And Religious Studies
4901 .Theology And Religious Vocations
5000 .Physical Sciences
5001 .Astronomy And Astrophysics
5002 .Atmospheric Sciences And Meteorology
5003 .Chemistry
5004 .Geology And Earth Science
5005 .Geosciences
5006 .Oceanography
5007 .Physics
5008 .Materials Science
5098 .Multi-Disciplinary Or General Science
5102 .Nuclear, Industrial Radiology, And Biological Technologies
5200 .Psychology
5201 .Educational Psychology
5202 .Clinical Psychology
5203 .Counseling Psychology
5205 .Industrial And Organizational Psychology
5206 .Social Psychology
5299 .Miscellaneous Psychology
5301 .Criminal Justice And Fire Protection
5401 .Public Administration
5402 .Public Policy
5403 .Human Services And Community Organization
5404 .Social Work
5500 .General Social Sciences
5501 .Economics
5502 .Anthropology And Archeology
5503 .Criminology
5504 .Geography
5505 .International Relations

5506 .Political Science And Government
 5507 .Sociology
 5599 .Miscellaneous Social Sciences
 5601 .Construction Services
 5701 .Electrical, Mechanical, And Precision Technologies And
 .Production
 5901 .Transportation Sciences And Technologies
 6000 .Fine Arts
 6001 .Drama And Theater Arts
 6002 .Music
 6003 .Visual And Performing Arts
 6004 .Commercial Art And Graphic Design
 6005 .Film Video And Photographic Arts
 6006 .Art History And Criticism
 6007 .Studio Arts
 6099 .Miscellaneous Fine Arts
 6100 .General Medical And Health Services
 6102 .Communication Disorders Sciences And Services
 6103 .Health And Medical Administrative Services
 6104 .Medical Assisting Services
 6105 .Medical Technologies Technicians
 6106 .Health And Medical Preparatory Programs
 6107 .Nursing
 6108 .Pharmacy Pharmaceutical Sciences And Administration
 6109 .Treatment Therapy Professions
 6110 .Community And Public Health
 6199 .Miscellaneous Health Medical Professions
 6200 .General Business
 6201 .Accounting
 6202 .Actuarial Science
 6203 .Business Management And Administration
 6204 .Operations Logistics And E-Commerce
 6205 .Business Economics
 6206 .Marketing And Marketing Research
 6207 .Finance
 6209 .Human Resources And Personnel Management
 6210 .International Business
 6211 .Hospitality Management
 6212 .Management Information Systems And Statistics
 6299 .Miscellaneous Business And Medical Administration
 6402 .History
 6403 .United States History

HICOV

Character 1

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

HISP

Character 2

Recoded detailed Hispanic origin
 01 .Not Spanish/Hispanic/Latino
 02 .Mexican
 03 .Puerto Rican
 04 .Cuban
 05 .Dominican
 06 .Costa Rican
 07 .Guatemalan

08 .Honduran
 09 .Nicaraguan
 10 .Panamanian
 11 .Salvadoran
 12 .Other Central American
 13 .Argentinean
 14 .Bolivian
 15 .Chilean
 16 .Colombian
 17 .Ecuadorian
 18 .Paraguayan
 19 .Peruvian
 20 .Uruguayan
 21 .Venezuelan
 22 .Other South American
 23 .Spaniard
 24 .All Other Spanish/Hispanic/Latino

INDP

Character 4

Industry recode for 2018 and later based on 2017 IND codes

bbbb .N/A (less than 16 years old/NILF who last worked more than
 .5 years ago or never worked)
 0170 .AGR-Crop Production
 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 Finishing And Fabric Coating Mills

1570 .MFG-Carpet And Rug Mills
1590 .MFG-Textile Product Mills, Except Carpet And Rug
1670 .MFG-Knitting Fabric Mills, And Apparel Knitting Mills
1691 .MFG-Cut And Sew, And Apparel Accessories And Other Apparel
1770 .MFG-Footwear
1790 .MFG-Leather And Hide Tanning And Finishing, And Other
.Leaner And Allied Product
1870 .MFG-Pulp, Paper, And Paperboard Mills
1880 .MFG-Paperboard Container
1890 .MFG-Miscellaneous Paper And Pulp Products
1990 .MFG-Printing And Related Support Activities
2070 .MFG-Petroleum Refining
2090 .MFG-Miscellaneous Petroleum And Coal Products
2170 .MFG-Resin, Synthetic Rubber, And Fibers And Filaments
2180 .MFG-Agricultural 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
.Processing
2770 .MFG-Foundries
2780 .MFG-Metal Forgings And Stampings
2790 .MFG-Cutlery And Hand Tool
2870 .MFG-Structural Metals, And Boiler, Tank, And Shipping
.Container
2880 .MFG-Machine Shops; Turned Product; Screw, Nut And Bolt
2890 .MFG-Coating, Engraving, Heat Treating, And Allied
.Activities
2970 .MFG-Ordnance
2980 .MFG-Miscellaneous Fabricated Metal Products
2990 .MFG-Not Specified Metal Industries
3070 .MFG-Agricultural Implement
3080 .MFG-Construction, And Mining And Oil And Gas Field
.Machinery
3095 .MFG-Commercial And Service Industry Machinery
3170 .MFG-Metalworking Machinery
3180 .MFG-Engine, Turbine, And Power Transmission Equipment
3291 .MFG-Machinery N.E.C. Or Not Specified
3365 .MFG-Computer And Peripheral Equipment
3370 .MFG-Communications, Audio And Video Equipment
3380 .MFG-Navigational, Measuring, Electromedical, And Control
.Instruments
3390 .MFG-Electronic Component And Product, N.E.C.
3470 .MFG-Household Appliance
3490 .MFG-Electric Lighting And Electrical Equipment, And Other
.Electrical Component, N.E.C.

3570 .MFG-Motor Vehicles And Motor Vehicle Equipment
3580 .MFG-Aircraft And Parts
3590 .MFG-Aerospace Products And Parts
3670 .MFG-Railroad Rolling Stock
3680 .MFG-Ship And Boat Building
3690 .MFG-Other Transportation Equipment
3770 .MFG-Sawmills And Wood Preservation
3780 .MFG-Veneer, Plywood, And Engineered Wood Products
3790 .MFG-Prefabricated Wood Buildings And Mobile Homes
3875 .MFG-Miscellaneous Wood Products
3895 .MFG-Furniture And Related Product
3960 .MFG-Medical Equipment And Supplies
3970 .MFG-Sporting And Athletic Goods, And Doll, Toy And Game
3980 .MFG-Miscellaneous Manufacturing, N.E.C.
3990 .MFG-Not Specified Manufacturing Industries
4070 .WHL-Motor Vehicle And Motor Vehicle Parts And Supplies
.Merchant Wholesalers
4080 .WHL-Furniture And Home Furnishing Merchant Wholesalers
4090 .WHL-Lumber And Other Construction Materials Merchant
.Wholesalers
4170 .WHL-Professional And Commercial Equipment And Supplies
.Merchant Wholesalers
4180 .WHL-Metals And Minerals, Except Petroleum, Merchant
.Wholesalers
4195 .WHL-Household Appliances And Electrical And Electronic
.Goods Merchant Wholesalers
4265 .WHL-Hardware, And Plumbing And Heating Equipment, And
.Supplies Merchant Wholesalers
4270 .WHL-Machinery, Equipment, And Supplies Merchant Wholesalers
4280 .WHL-Recyclable Material Merchant Wholesalers
4290 .WHL-Miscellaneous Durable Goods Merchant Wholesalers
4370 .WHL-Paper And Paper Products Merchant Wholesalers
4380 .WHL-Drugs, Sundries, And Chemical And Allied Products
.Merchant Wholesalers
4390 .WHL-Apparel, Piece Goods, And Notions Merchant Wholesalers
4470 .WHL-Grocery And Related Product Merchant Wholesalers
4480 .WHL-Farm Product Raw Material Merchant Wholesalers
4490 .WHL-Petroleum And Petroleum Products Merchant Wholesalers
4560 .WHL-Alcoholic Beverages Merchant Wholesalers
4570 .WHL-Farm Supplies Merchant Wholesalers
4580 .WHL-Miscellaneous Nondurable Goods Merchant Wholesalers
4585 .WHL-Wholesale Electronic Markets And Agents And Brokers
4590 .WHL-Not Specified Wholesale Trade
4670 .RET-Automobile Dealers
4680 .RET-Other Motor Vehicle Dealers
4690 .RET-Automotive Parts, Accessories, And Tire Stores
4770 .RET-Furniture And Home Furnishings Stores
4780 .RET-Household Appliance Stores
4795 .RET-Electronics Stores
4870 .RET-Building Material And Supplies Dealers
4880 .RET-Hardware Stores
4890 .RET-Lawn And Garden Equipment And Supplies Stores
4971 .RET-Supermarkets and Other Grocery (Except Convenience)
.Stores
4972 .RET-Convenience Stores
4980 .RET-Specialty Food Stores
4990 .RET-Beer, Wine, And Liquor Stores

5070 .RET-Pharmacies And Drug Stores
5080 .RET-Health And Personal Care, Except Drug Stores
5090 .RET-Gasoline Stations
5170 .RET-Clothing Stores
5180 .RET-Shoe Stores
5190 .RET-Jewelry, Luggage, And Leather Goods Stores
5275 .RET-Sporting Goods, And Hobby And Toy Stores
5280 .RET-Sewing, Needlework, And Piece Goods Stores
5295 .RET-Musical Instrument And Supplies Stores
5370 .RET-Book Stores And News Dealers
5381 .RET-Department Stores
5391 .RET-General Merchandise Stores, Including Warehouse Clubs
.and Supercenters
5470 .RET-Florists
5480 .RET-Office Supplies And Stationery Stores
5490 .RET-Used Merchandise Stores
5570 .RET-Gift, Novelty, And Souvenir Shops
5580 .RET-Miscellaneous Retail Stores
5593 .RET-Electronic Shopping And Mail-Order Houses
5670 .RET-Vending Machine Operators
5680 .RET-Fuel Dealers
5690 .RET-Other Direct Selling Establishments
5790 .RET-Not Specified Retail Trade
6070 .TRN-Air Transportation
6080 .TRN-Rail Transportation
6090 .TRN-Water Transportation
6170 .TRN-Truck Transportation
6180 .TRN-Bus Service And Urban Transit
6190 .TRN-Taxi And Limousine Service
6270 .TRN-Pipeline Transportation
6280 .TRN-Scenic And Sightseeing Transportation
6290 .TRN-Services Incidental To Transportation
6370 .TRN-Postal Service
6380 .TRN-Couriers And Messengers
6390 .TRN-Warehousing And Storage
6470 .INF-Newspaper Publishers
6480 .INF-Periodical, Book, And Directory Publishers
6490 .INF-Software Publishers
6570 .INF-Motion Pictures And Video Industries
6590 .INF-Sound Recording Industries
6670 .INF-Broadcasting (Except Internet)
6672 .INF-Internet Publishing And Broadcasting And Web Search
.Portals
6680 .INF-Wired Telecommunications Carriers
6690 .INF-Telecommunications, Except Wired Telecommunications
.Carriers
6695 .INF-Data Processing, Hosting, And Related Services
6770 .INF-Libraries And Archives
6780 .INF-Other Information Services, Except Libraries And
.Archives, And Internet Publishing And Broadcasting And Web
.Search Portals
6870 .FIN-Banking And Related Activities
6880 .FIN-Savings Institutions, Including Credit Unions
6890 .FIN-Nondepository Credit And Related Activities
6970 .FIN-Securities, Commodities, Funds, Trusts, And Other
.Financial Investments
6991 .FIN-Insurance Carriers

6992 .FIN-Agencies, Brokerages, And Other Insurance Related
.Activities
7071 .FIN-Lessors Of Real Estate, And Offices Of Real Estate
.Agents And Brokers
7072 .FIN-Real Estate Property Managers, Offices Of Real Estate
.Appraisers, And Other Activities Related To Real Estate
7080 .FIN-Automotive Equipment Rental And Leasing
7181 .FIN-Other Consumer Goods Rental
7190 .FIN-Commercial, Industrial, And Other Intangible Assets
.Rental And Leasing
7270 .PRF-Legal Services
7280 .PRF-Accounting, Tax Preparation, Bookkeeping, And Payroll
.Services
7290 .PRF-Architectural, Engineering, And Related Services
7370 .PRF-Specialized Design Services
7380 .PRF-Computer Systems Design And Related Services
7390 .PRF-Management, Scientific, And Technical Consulting
.Services
7460 .PRF-Scientific Research And Development Services
7470 .PRF-Advertising, Public Relations, And Related Services
7480 .PRF-Veterinary Services
7490 .PRF-Other Professional, Scientific, And Technical Services
7570 .PRF-Management Of Companies And Enterprises
7580 .PRF-Employment Services
7590 .PRF-Business Support Services
7670 .PRF-Travel Arrangements And Reservation Services
7680 .PRF-Investigation And Security Services
7690 .PRF-Services To Buildings And Dwellings (Except Cleaning
.During Construction And Immediately After Construction)
7770 .PRF-Landscaping Services
7780 .PRF-Other Administrative And Other Support Services
7790 .PRF-Waste Management And Remediation Services
7860 .EDU-Elementary And Secondary Schools
7870 .EDU-Colleges, Universities, And Professional Schools,
.Including Junior Colleges
7880 .EDU-Business, Technical, And Trade Schools And Training
7890 .EDU-Other Schools And Instruction, And Educational Support
.Services
7970 .MED-Offices Of Physicians
7980 .MED-Offices Of Dentists
7990 .MED-Offices Of Chiropractors
8070 .MED-Offices Of Optometrists
8080 .MED-Offices Of Other Health Practitioners
8090 .MED-Outpatient Care Centers
8170 .MED-Home Health Care Services
8180 .MED-Other Health Care Services
8191 .MED-General Medical And Surgical Hospitals, And Specialty
.(Except Psychiatric And Substance Abuse) Hospitals
8192 .MED-Psychiatric And Substance Abuse Hospitals
8270 .MED-Nursing Care Facilities (Skilled Nursing Facilities)
8290 .MED-Residential Care Facilities, Except Skilled Nursing
.Facilities
8370 .SCA-Individual And Family Services
8380 .SCA-Community Food And Housing, And Emergency Services
8390 .SCA-Vocational Rehabilitation Services
8470 .SCA-Child Day Care Services
8561 .ENT-Performing Arts Companies

8562 .ENT-Spectator Sports
 8563 .ENT-Promoters Of Performing Arts, Sports, And Similar
 .Events, Agents And Managers For Artists, Athletes,
 .Entertainers, And Other Public Figures
 8564 .ENT-Independent Artists, Writers, And Performers
 8570 .ENT-Museums, Art Galleries, Historical Sites, And Similar
 .Institutions
 8580 .ENT-Bowling Centers
 8590 .ENT-Other Amusement, Gambling, And Recreation Industries
 8660 .ENT-Traveler Accommodation
 8670 .ENT-Recreational Vehicle Parks And Camps, And Rooming And
 .Boarding Houses, Dormitories, And Workers' Camps
 8680 .ENT-Restaurants And Other Food Services
 8690 .ENT-Drinking Places, Alcoholic Beverages
 8770 .SRV-Automotive Repair And Maintenance
 8780 .SRV-Car Washes
 8790 .SRV-Electronic And Precision Equipment Repair And
 .Maintenance
 8870 .SRV-Commercial And Industrial Machinery And Equipment
 .Repair And Maintenance
 8891 .SRV-Personal And Household Goods Repair And Maintenance
 8970 .SRV-Barber Shops
 8980 .SRV-Beauty Salons
 8990 .SRV-Nail Salons And Other Personal Care Services
 9070 .SRV-Drycleaning And Laundry Services
 9080 .SRV-Funeral Homes, And Cemeteries And Crematories
 9090 .SRV-Other Personal Services
 9160 .SRV-Religious Organizations
 9170 .SRV-Civic, Social, Advocacy Organizations, And Grantmaking
 .And Giving Services
 9180 .SRV-Labor Unions
 9190 .SRV-Business, Professional, Political, And Similar
 .Organizations
 9290 .SRV-Private Households
 9370 .ADM-Executive Offices And Legislative Bodies
 9380 .ADM-Public Finance Activities
 9390 .ADM-Other General Government And Support
 9470 .ADM-Justice, Public Order, And Safety Activities
 9480 .ADM-Administration Of Human Resource Programs
 9490 .ADM-Administration Of Environmental Quality And Housing
 .Programs
 9570 .ADM-Administration Of Economic Programs And Space Research
 9590 .ADM-National Security And International Affairs
 9670 .MIL-U.S. Army
 9680 .MIL-U.S. Air Force
 9690 .MIL-U.S. Navy
 9770 .MIL-U.S. Marines
 9780 .MIL-U.S. Coast Guard
 9790 .MIL-Armed Forces, Branch Not Specified
 9870 .MIL-Military Reserves Or National Guard
 9920 .Unemployed, With No Work Experience In The Last 5 Years Or
 .Earlier Or Never Worked

JWAP

Character 3

Time of arrival at work - hour and minute

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

001 .12:00 a.m. to 12:04 a.m.

002 .12:05 a.m. to 12:09 a.m.
003 .12:10 a.m. to 12:14 a.m.
004 .12:15 a.m. to 12:19 a.m.
005 .12:20 a.m. to 12:24 a.m.
006 .12:25 a.m. to 12:29 a.m.
007 .12:30 a.m. to 12:39 a.m.
008 .12:40 a.m. to 12:44 a.m.
009 .12:45 a.m. to 12:49 a.m.
010 .12:50 a.m. to 12:59 a.m.
011 .1:00 a.m. to 1:04 a.m.
012 .1:05 a.m. to 1:09 a.m.
013 .1:10 a.m. to 1:14 a.m.
014 .1:15 a.m. to 1:19 a.m.
015 .1:20 a.m. to 1:24 a.m.
016 .1:25 a.m. to 1:29 a.m.
017 .1:30 a.m. to 1:34 a.m.
018 .1:35 a.m. to 1:39 a.m.
019 .1:40 a.m. to 1:44 a.m.
020 .1:45 a.m. to 1:49 a.m.
021 .1:50 a.m. to 1:59 a.m.
022 .2:00 a.m. to 2:04 a.m.
023 .2:05 a.m. to 2:09 a.m.
024 .2:10 a.m. to 2:14 a.m.
025 .2:15 a.m. to 2:19 a.m.
026 .2:20 a.m. to 2:24 a.m.
027 .2:25 a.m. to 2:29 a.m.
028 .2:30 a.m. to 2:34 a.m.
029 .2:35 a.m. to 2:39 a.m.
030 .2:40 a.m. to 2:44 a.m.
031 .2:45 a.m. to 2:49 a.m.
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033 .2:55 a.m. to 2:59 a.m.
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283 .11:45 p.m. to 11:49 p.m.
284 .11:50 p.m. to 11:54 p.m.
285 .11:55 p.m. to 11:59 p.m.

JWDP

Character 3

Time of departure for work - hour and minute

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

001 .12:00 a.m. to 12:29 a.m.

002 .12:30 a.m. to 12:59 a.m.

003 .1:00 a.m. to 1:29 a.m.

004 .1:30 a.m. to 1:59 a.m.

005 .2:00 a.m. to 2:29 a.m.

006 .2:30 a.m. to 2:59 a.m.

007 .3:00 a.m. to 3:09 a.m.

008 .3:10 a.m. to 3:19 a.m.

009 .3:20 a.m. to 3:29 a.m.

010 .3:30 a.m. to 3:39 a.m.

011 .3:40 a.m. to 3:49 a.m.

012 .3:50 a.m. to 3:59 a.m.

013 .4:00 a.m. to 4:09 a.m.

014 .4:10 a.m. to 4:19 a.m.

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017 .4:40 a.m. to 4:49 a.m.

018 .4:50 a.m. to 4:59 a.m.

019 .5:00 a.m. to 5:04 a.m.

020 .5:05 a.m. to 5:09 a.m.

021 .5:10 a.m. to 5:14 a.m.

022 .5:15 a.m. to 5:19 a.m.

023 .5:20 a.m. to 5:24 a.m.

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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

bbbb .N/A (GQ/vacant)
 1000 .Jamaican Creole English
 1025 .Other English-based Creole languages
 1055 .Haitian
 1069 .Kabuverdianu
 1110 .German
 1120 .Swiss German
 1125 .Pennsylvania German
 1130 .Yiddish
 1132 .Dutch
 1134 .Afrikaans
 1140 .Swedish
 1141 .Danish
 1142 .Norwegian
 1155 .Italian

1170 .French
1175 .Cajun French
1200 .Spanish
1210 .Portuguese
1220 .Romanian
1231 .Irish
1235 .Greek
1242 .Albanian
1250 .Russian
1260 .Ukrainian
1262 .Czech
1263 .Slovak
1270 .Polish
1273 .Bulgarian
1274 .Macedonian
1275 .Serbocroatian
1276 .Bosnian
1277 .Croatian
1278 .Serbian
1281 .Lithuanian
1283 .Latvian
1288 .Armenian
1290 .Farsi
1292 .Dari
1315 .Kurdish
1327 .Pashto
1340 .India N.E.C.
1350 .Hindi
1360 .Urdu
1380 .Bengali
1420 .Punjabi
1435 .Konkani
1440 .Marathi
1450 .Gujarati
1500 .Nepali
1525 .Pakistan N.E.C.
1530 .Sinhala
1540 .Other Indo-Iranian languages
1564 .Other Indo-European languages
1565 .Finnish
1582 .Hungarian
1675 .Turkish
1690 .Mongolian
1730 .Telugu
1737 .Kannada
1750 .Malayalam
1765 .Tamil
1900 .Khmer
1960 .Vietnamese
1970 .Chinese
2000 .Mandarin
2030 .Min Nan Chinese
2050 .Cantonese
2100 .Tibetan
2160 .Burmese
2270 .Chin languages
2350 .Karen languages

2430 .Thai
2475 .Lao
2525 .Iu Mien
2535 .Hmong
2560 .Japanese
2575 .Korean
2715 .Malay
2770 .Indonesian
2850 .Other languages of Asia
2910 .Filipino
2920 .Tagalog
2950 .Cebuano
3150 .Ilocano
3190 .Other Philippine languages
3220 .Chamorro
3270 .Marshallese
3350 .Chuukese
3420 .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
bbbbb .N/A (person less than 1 year old/lived in same
.house 1 year ago)
00001 .Did not live in the United States or in Puerto Rico
.one year ago
00002 .Lived in Puerto Rico one year ago and current
.residence is in the U.S.
00100..70100 .Assigned Migration PUMA. Use with MIGSP.

MIGSP Character 3

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

045 .South Carolina/SC
046 .South Dakota/SD
047 .Tennessee/TN
048 .Texas/TX
049 .Utah/UT
050 .Vermont/VT
051 .Virginia/VA
053 .Washington/WA
054 .West Virginia/WV
055 .Wisconsin/WI
056 .Wyoming/WY
072 .Puerto Rico
109 .France
110 .Germany
111 .Northern Europe, Not Specified
113 .Eastern Europe, Not Specified
114 .Western Europe or Other Europe, Not Specified
120 .Italy
134 .Spain
138 .United Kingdom, Excluding England
139 .England
163 .Russia
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
 bbbbbbbb .N/A (less than 16 years old/NILF who last worked more than 5 years ago or never worked)
 111 .AGR-Crop Production
 112 .AGR-Animal Production And Aquaculture
 1133 .AGR-Logging
 113M .AGR-Forestry Except Logging
 114 .AGR-Fishing, Hunting And Trapping
 115 .AGR-Support Activities For Agriculture And Forestry
 211 .EXT-Oil And Gas Extraction
 2121 .EXT-Coal Mining
 2122 .EXT-Metal Ore Mining
 2123 .EXT-Nonmetallic Mineral Mining And Quarrying
 213 .EXT-Support Activities For Mining
 2211P .UTL-Electric Power Generation, Transmission And Distribution
 2212P .UTL-Natural Gas Distribution
 22132 .UTL-Sewage Treatment Facilities
 2213M .UTL-Water, Steam, Air-Conditioning, And Irrigation Systems
 221MP .UTL-Electric And Gas, And Other Combinations
 22S .UTL-Not Specified Utilities
 23 .CON-Construction (The Cleaning Of Buildings And Dwellings Is Incidental During Construction And Immediately After Construction)
 3113 .MFG-Sugar And Confectionery Products
 3114 .MFG-Fruit And Vegetable Preserving And Specialty Food
 3115 .MFG-Dairy Product
 3116 .MFG-Animal Slaughtering And Processing
 311811 .MFG-Retail Bakeries
 3118Z .MFG-Bakeries And Tortilla, Except Retail Bakeries
 311M1 .MFG-Animal Food, Grain And Oilseed Milling
 311M2 .MFG-Seafood And Other Miscellaneous Foods, N.E.C.
 311S .MFG-Not Specified Food Industries

3121 .MFG-Beverage
 3122 .MFG-Tobacco
 3131 .MFG-Fiber, Yarn, And Thread Mills
 3132Z .MFG-Fabric Mills, Except Knitting Mills
 3133 .MFG-Textile And Fabric Finishing And Fabric Coating
 .Mills
 31411 .MFG-Carpet And Rug Mills
 314Z .MFG-Textile Product Mills, Except Carpet And Rug
 315M .MFG-Cut And Sew, And Apparel Accessories And Other
 .Apparel
 3162 .MFG-Footwear
 316M .MFG-Leather And Hide Tanning And Finishing, And Other
 .Leaner And Allied Product
 31M .MFG-Knitting Fabric Mills, And Apparel Knitting Mills
 3211 .MFG-Sawmills And Wood Preservation
 3212 .MFG-Veneer, Plywood, And Engineered Wood Products
 32199M .MFG-Prefabricated Wood Buildings And Mobile Homes
 3219ZM .MFG-Miscellaneous Wood Products
 3221 .MFG-Pulp, Paper, And Paperboard Mills
 32221 .MFG-Paperboard Container
 3222M .MFG-Miscellaneous Paper And Pulp Products
 3231 .MFG-Printing And Related Support Activities
 3241M .MFG-Miscellaneous Petroleum And Coal Products
 32411 .MFG-Petroleum Refining
 3252 .MFG-Resin, Synthetic Rubber, And Fibers And Filaments
 3253 .MFG-Agricultural 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
 327120 .MFG-Clay Building Material And Refractories
 3272 .MFG-Glass And Glass Product
 3279 .MFG-Miscellaneous Nonmetallic Mineral Product
 327M .MFG-Cement, Concrete, Lime, And Gypsum Product
 3313 .MFG-Aluminum Production And Processing
 3314 .MFG-Nonferrous Metal (Except Aluminum) Production And
 .Processing
 3315 .MFG-Foundries
 331M .MFG-Iron And Steel Mills And Steel Product
 3321 .MFG-Metal Forgings And Stampings
 3322 .MFG-Cutlery And Hand Tool
 3327 .MFG-Machine Shops; Turned Product; Screw, Nut And Bolt
 3328 .MFG-Coating, Engraving, Heat Treating, And Allied
 .Activities
 33299M .MFG-Ordnance
 332M .MFG-Structural Metals, And Boiler, Tank, And Shipping
 .Container
 332MZ .MFG-Miscellaneous Fabricated Metal Products
 33311 .MFG-Agricultural Implement
 3331M .MFG-Construction, And Mining And Oil And Gas Field
 .Machinery
 3333 .MFG-Commercial And Service Industry Machinery
 3335 .MFG-Metalworking Machinery

3336 .MFG-Engine, Turbine, And Power Transmission Equipment
333MS .MFG-Machinery, N.E.C. Or Not Specified
3341 .MFG-Computer And Peripheral Equipment
3345 .MFG-Navigational, Measuring, Electromedical, And
.Control Instruments
334M1 .MFG-Communications, Audio And Video Equipment
334M2 .MFG-Electronic Component And Product, N.E.C.
3352 .MFG-Household Appliance
335M .MFG-Electric Lighting And Electrical Equipment, And
.Other Electrical Component, N.E.C.
33641M1 .MFG-Aircraft And Parts
33641M2 .MFG-Aerospace Products And Parts
3365 .MFG-Railroad Rolling Stock
3366 .MFG-Ship And Boat Building
3369 .MFG-Other Transportation Equipment
336M .MFG-Motor Vehicles And Motor Vehicle Equipment
337 .MFG-Furniture And Related Product
3391 .MFG-Medical Equipment And Supplies
3399M .MFG-Sporting And Athletic Goods, And Doll, Toy And Game
3399ZM .MFG-Miscellaneous Manufacturing, N.E.C.
33MS .MFG-Not Specified Metal Industries
3MS .MFG-Not Specified Manufacturing Industries
4231 .WHL-Motor Vehicle And Motor Vehicle Parts And Supplies
.Merchant Wholesalers
4232 .WHL-Furniture And Home Furnishing Merchant Wholesalers
4233 .WHL-Lumber And Other Construction Materials Merchant
.Wholesalers
4234 .WHL-Professional And Commercial Equipment And Supplies
.Merchant Wholesalers
4235 .WHL-Metals And Minerals, Except Petroleum, Merchant
.Wholesalers
4236 .WHL-Household Appliances And Electrical And Electronic
.Goods Merchant Wholesalers
4237 .WHL-Hardware, And Plumbing And Heating Equipment, And
.Supplies Merchant Wholesalers
4238 .WHL-Machinery, Equipment, And Supplies Merchant
.Wholesalers
42393 .WHL-Recyclable Material Merchant Wholesalers
4239Z .WHL-Miscellaneous Durable Goods Merchant Wholesalers
4241 .WHL-Paper And Paper Products Merchant Wholesalers
4243 .WHL-Apparel, Piece Goods, And Notions Merchant
.Wholesalers
4244 .WHL-Grocery And Related Product Merchant Wholesalers
4245 .WHL-Farm Product Raw Material Merchant Wholesalers
4247 .WHL-Petroleum And Petroleum Products Merchant
.Wholesalers
4248 .WHL-Alcoholic Beverages Merchant Wholesalers
42491 .WHL-Farm Supplies Merchant Wholesalers
4249Z .WHL-Miscellaneous Nondurable Goods Merchant Wholesalers
424M .WHL-Drugs, Sundries, And Chemical And Allied Products
.Merchant Wholesalers
4251 .WHL-Wholesale Electronic Markets And Agents And Brokers
42S .WHL-Not Specified Wholesale Trade
4411 .RET-Automobile Dealers
4412 .RET-Other Motor Vehicle Dealers
4413 .RET-Automotive Parts, Accessories, And Tire Stores
442 .RET-Furniture And Home Furnishings Stores

443141 .RET-Household Appliance Stores
443142 .RET-Electronics Stores
44413 .RET-Hardware Stores
4441Z .RET-Building Material And Supplies Dealers
4442 .RET-Lawn And Garden Equipment And Supplies Stores
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
446Z .RET-Health And Personal Care, Except Drug, Stores
447 .RET-Gasoline Stations
44821 .RET-Shoe Stores
4483 .RET-Jewelry, Luggage, And Leather Goods Stores
4481 .RET-Clothing Stores
45113 .RET-Sewing, Needlework, And Piece Goods Stores
45114 .RET-Musical Instrument And Supplies Stores
4511M .RET-Sporting Goods, And Hobby And Toy Stores
45121 .RET-Book Stores And News Dealers
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
5111Z .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
5191ZM .INF-Other Information Services, Except Libraries And
.Archives, And Internet Publishing And Broadcasting And
.Web Search Portals
5221M .FIN-Savings Institutions, Including Credit Unions
522M .FIN-Nondepository Credit And Related Activities
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
5419Z .PRF-Other Professional, Scientific, And Technical
.Services
55 .PRF-Management Of Companies And Enterprises
5613 .PRF-Employment Services
5614 .PRF-Business Support Services
5615 .PRF-Travel Arrangements And Reservation Services
5616 .PRF-Investigation And Security Services
56173 .PRF-Landscaping Services
5617Z .PRF-Services To Buildings And Dwellings (Except
.Cleaning During Construction And Immediately After
.Construction)
561M .PRF-Other Administrative And Other Support Services
562 .PRF-Waste Management And Remediation Services
6111 .EDU-Elementary And Secondary Schools
611M1 .EDU-Colleges, Universities, And Professional Schools,
.Including Junior Colleges
611M2 .EDU-Business, Technical, And Trade Schools And Training
611M3 .EDU-Other Schools And Instruction, And Educational
.Support Services
6211 .MED-Offices Of Physicians
6212 .MED-Offices Of Dentists
62131 .MED-Offices Of Chiropractors
62132 .MED-Offices Of Optometrists
6213ZM .MED-Offices Of Other Health Practitioners

6214 .MED-Outpatient Care Centers
6216 .MED-Home Health Care Services
621M .MED-Other Health Care Services
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

928110P3 .MIL-U.S. Navy
 928110P4 .MIL-U.S. Marines
 928110P5 .MIL-U.S. Coast Guard
 928110P6 .MIL-Armed Forces, Branch Not Specified
 928110P7 .MIL-Military Reserves Or National Guard
 928P .ADM-National Security And International Affairs
 92M1 .ADM-Administration Of Environmental Quality And Housing
 .Programs
 92M2 .ADM-Administration Of Economic Programs And Space
 .Research
 92MP .ADM-Justice, Public Order, And Safety Activities
 999920 .Unemployed, With No Work Experience In The Last 5 Years
 .Or Earlier Or Never Worked

NATIVITY Character 1

Nativity
 1 .Native
 2 .Foreign born

NOP Character 1

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

OC Character 1

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

OCCP Character 4

Occupation recode for 2018 and later based on 2018 OCC codes
 bbbb .N/A (less than 16 years old/NILF who last worked more than
 .5 years ago or never worked)
 0010 .MGR-Chief Executives And Legislators
 0020 .MGR-General And Operations Managers
 0040 .MGR-Advertising And Promotions Managers
 0051 .MGR-Marketing Managers
 0052 .MGR-Sales Managers
 0060 .MGR-Public Relations And Fundraising Managers
 0101 .MGR-Administrative Services Managers
 0102 .MGR-Facilities Managers
 0110 .MGR-Computer And Information Systems Managers
 0120 .MGR-Financial Managers
 0135 .MGR-Compensation And Benefits Managers
 0136 .MGR-Human Resources Managers
 0137 .MGR-Training And Development Managers
 0140 .MGR-Industrial Production Managers

0150 .MGR-Purchasing Managers
 0160 .MGR-Transportation, Storage, And Distribution Managers
 0205 .MGR-Farmers, Ranchers, And Other Agricultural Managers
 0220 .MGR-Construction Managers
 0230 .MGR-Education And Childcare Administrators
 0300 .MGR-Architectural And Engineering Managers
 0310 .MGR-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
.Techinicians
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
.Techinicians
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
 2300 .EDU-Preschool And Kindergarten Teachers
 2310 .EDU-Elementary And Middle School Teachers
 2320 .EDU-Secondary School Teachers
 2330 .EDU-Special Education Teachers
 2350 .EDU-Tutors
 2360 .EDU-Other Teachers and Instructors
 2400 .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-Producers And Directors
 2721 .ENT-Athletes and Sports Competitors
 2722 .ENT-Coaches and Scouts
 2723 .ENT-Umpires, Referees, And Other Sports Officials
 2740 .ENT-Dancers And Choreographers
 2751 .ENT-Music Directors and Composers
 2752 .ENT-Musicians and Singers
 2755 .ENT-Disc Jockeys, Except Radio
 2770 .ENT-Entertainers And Performers, Sports and Related
 .Workers, All Other
 2805 .ENT-Broadcast Announcers And Radio Disc Jockeys
 2810 .ENT-News Analysts, Reporters, And Journalists
 2825 .ENT-Public Relations Specialists

2830 .ENT-Editors
 2840 .ENT-Technical Writers
 2850 .ENT-Writers And Authors
 2861 .ENT-Interpreters and Translators
 2862 .ENT-Court Reporters and Simultaneous Captioners
 2865 .ENT-Media And Communication Workers, All Other
 2905 .ENT-Other Media And Communication Equipment Workers
 2910 .ENT-Photographers
 2920 .ENT-Television, Video, And Film Camera Operators And
 .Editors
 3000 .MED-Chiropractors
 3010 .MED-Dentists
 3030 .MED-Dietitians And Nutritionists
 3040 .MED-Optometrists
 3050 .MED-Pharmacists
 3090 .MED-Physicians
 3100 .MED-Surgeons
 3110 .MED-Physician Assistants
 3120 .MED-Podiatrists
 3140 .MED-Audiologists
 3150 .MED-Occupational Therapists
 3160 .MED-Physical Therapists
 3200 .MED-Radiation Therapists
 3210 .MED-Recreational Therapists
 3220 .MED-Respiratory Therapists
 3230 .MED-Speech-Language Pathologists
 3245 .MED-Other Therapists
 3250 .MED-Veterinarians
 3255 .MED-Registered Nurses
 3256 .MED-Nurse Anesthetists
 3258 .MED-Nurse Practitioners, And Nurse Midwives
 3261 .MED-Acupuncturists
 3270 .MED-Healthcare Diagnosing Or Treating Practitioners, All
 .Other
 3300 .MED-Clinical Laboratory Technologists And Technicians
 3310 .MED-Dental Hygienists
 3321 .MED-Cardiovascular Technologists and Technicians
 3322 .MED-Diagnostic Medical Sonographers
 3323 .MED-Radiologic Technologists And Technicians
 3324 .MED-Magnetic Resonance Imaging Technologists
 3330 .MED-Nuclear Medicine Technologists and Medical 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 Freight Agents
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-Agricultural Inspectors
6040 .FFF-Graders And Sorters, Agricultural Products
6050 .FFF-Other Agricultural Workers
6115 .FFF-Fishing And Hunting Workers
6120 .FFF-Forest And Conservation Workers
6130 .FFF-Logging Workers
6200 .CON-First-Line Supervisors Of Construction Trades And
.Extraction Workers
6210 .CON-Boilermakers
6220 .CON-Brickmasons, Blockmasons, Stonemasons, And Reinforcing
.Iron And Rebar Workers
6230 .CON-Carpenters
6240 .CON-Carpet, Floor, And Tile Installers And Finishers
6250 .CON-Cement Masons, Concrete Finishers, And Terrazzo Workers

6260 .CON-Construction Laborers
6305 .CON-Construction Equipment Operators
6330 .CON-Drywall Installers, Ceiling Tile Installers, And Tapers
6355 .CON-Electricians
6360 .CON-Glaziers
6400 .CON-Insulation Workers
6410 .CON-Painters and Paperhangers
6441 .CON-Pipelayers
6442 .CON-Plumbers, Pipefitters, And Steamfitters
6460 .CON-Plasterers And Stucco Masons
6515 .CON-Roofers
6520 .CON-Sheet Metal Workers
6530 .CON-Structural Iron And Steel Workers
6540 .CON-Solar Photovoltaic Installers
6600 .CON-Helpers, Construction Trades
6660 .CON-Construction And Building Inspectors
6700 .CON-Elevator And Escalator Installers And Repairers
6710 .CON-Fence Erectors
6720 .CON-Hazardous Materials Removal Workers
6730 .CON-Highway Maintenance Workers
6740 .CON-Rail-Track Laying And Maintenance Equipment Operators
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
 7810 .PRD-Butchers And Other Meat, Poultry, And Fish Processing
 .Workers
 7830 .PRD-Food And Tobacco Roasting, Baking, And Drying Machine
 .Operators And Tenders
 7840 .PRD-Food Batchmakers
 7850 .PRD-Food Cooking Machine Operators And Tenders
 7855 .PRD-Food Processing Workers, All Other
 7905 .PRD-Computer Numerically Controlled Tool Operators And
 .Programmers
 7925 .PRD-Forming Machine Setters, Operators, And Tenders, Metal
 .And Plastic
 7950 .PRD-Cutting, Punching, And Press Machine 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
 8256 .PRD-Print Binding And Finishing Workers
 8300 .PRD-Laundry And Dry-Cleaning Workers
 8310 .PRD-Pressers, Textile, Garment, And Related Materials
 8320 .PRD-Sewing Machine Operators
 8335 .PRD-Shoe And Leather Workers
 8350 .PRD-Tailors, Dressmakers, And Sewers
 8365 .PRD-Textile Machine Setters, Operators, And Tenders
 8450 .PRD-Upholsterers
 8465 .PRD-Other Textile, Apparel, And Furnishings Workers
 8500 .PRD-Cabinetmakers And Bench Carpenters
 8510 .PRD-Furniture Finishers
 8530 .PRD-Sawing Machine Setters, Operators, And Tenders, Wood

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 Processing Machine Setters, Operators, And
 .Tenders
 8650 .PRD-Crushing, Grinding, Polishing, Mixing, And Blending
 .Workers
 8710 .PRD-Cutting Workers
 8720 .PRD-Extruding, Forming, Pressing, And Compacting Machine
 .Setters, Operators, And Tenders
 8730 .PRD-Furnace, Kiln, Oven, Drier, And Kettle Operators And
 .Tenders
 8740 .PRD-Inspectors, Testers, Sorters, Samplers, And Weighers
 8750 .PRD-Jewelers And Precious Stone And Metal Workers
 8760 .PRD-Dental And Ophthalmic Laboratory Technicians And
 .Medical Appliance Technicians
 8800 .PRD-Packaging And Filling Machine Operators And Tenders
 8810 .PRD-Painting Workers
 8830 .PRD-Photographic Process Workers And Processing Machine
 .Operators
 8850 .PRD-Adhesive Bonding Machine Operators And Tenders
 8910 .PRD-Etchers And Engravers
 8920 .PRD-Molders, Shapers, And Casters, Except Metal And Plastic
 8930 .PRD-Paper Goods Machine Setters, Operators, And Tenders
 8940 .PRD-Tire Builders
 8950 .PRD-Helpers--Production Workers
 8990 .PRD-Miscellaneous Production Workers, Including Equipment
 .Operators And Tenders
 9005 .TRN-Supervisors Of Transportation And Material Moving
 .Workers
 9030 .TRN-Aircraft Pilots And Flight Engineers
 9040 .TRN-Air Traffic Controllers And Airfield Operations
 .Specialists
 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-
 .coded components)
 -9999..-1 .Loss \$1 to \$9999 (Rounded components)
 1..1999998 .\$.1 to \$1999998 (Rounded and top-coded
 .components)

PINCP Numeric 7

Total person's income (signed, use ADJINC to adjust to constant
 dollars)
 bbbbbb .N/A (less than 15 years old)
 0 .None
 -19998 .Loss of \$19998 or more (Rounded and bottom-
 .coded components)
 -19997..-1 .Loss \$1 to \$19997 (Rounded components)
 1..4209995 .\$.1 to \$4209995 (Rounded and top-coded
 .components)

POBP Character 3

Place of birth (Recode)
 001 .Alabama/AL
 002 .Alaska/AK
 004 .Arizona/AZ
 005 .Arkansas/AR
 006 .California/CA

008 .Colorado/CO
009 .Connecticut/CT
010 .Delaware/DE
011 .District of Columbia/DC
012 .Florida/FL
013 .Georgia/GA
015 .Hawaii/HI
016 .Idaho/ID
017 .Illinois/IL
018 .Indiana/IN
019 .Iowa/IA
020 .Kansas/KS
021 .Kentucky/KY
022 .Louisiana/LA
023 .Maine/ME
024 .Maryland/MD
025 .Massachusetts/MA
026 .Michigan/MI
027 .Minnesota/MN
028 .Mississippi/MS
029 .Missouri/MO
030 .Montana/MT
031 .Nebraska/NE
032 .Nevada/NV
033 .New Hampshire/NH
034 .New Jersey/NJ
035 .New Mexico/NM
036 .New York/NY
037 .North Carolina/NC
038 .North Dakota/ND
039 .Ohio/OH
040 .Oklahoma/OK
041 .Oregon/OR
042 .Pennsylvania/PA
044 .Rhode Island/RI
045 .South Carolina/SC
046 .South Dakota/SD
047 .Tennessee/TN
048 .Texas/TX
049 .Utah/UT
050 .Vermont/VT
051 .Virginia/VA
053 .Washington/WA
054 .West Virginia/WV
055 .Wisconsin/WI
056 .Wyoming/WY
060 .American Samoa
066 .Guam
069 .Commonwealth of the Northern Mariana Islands
072 .Puerto Rico
078 .US Virgin Islands
100 .Albania
102 .Austria
103 .Belgium
104 .Bulgaria
105 .Czechoslovakia
106 .Denmark

108 .Finland
109 .France
110 .Germany
116 .Greece
117 .Hungary
118 .Iceland
119 .Ireland
120 .Italy
126 .Netherlands
127 .Norway
128 .Poland
129 .Portugal
130 .Azores Islands
132 .Romania
134 .Spain
136 .Sweden
137 .Switzerland
138 .United Kingdom, Not Specified
139 .England
140 .Scotland
142 .Northern Ireland
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

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

POWSP

Character 3

Place of work - State or foreign country recode

bbb .N/A (not a worker-not in the labor force, including persons
 .under 16 years; unemployed; employed, with a job not at
 .work; Armed Forces, with a job but not at work)

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

050 .Vermont/VT
 051 .Virginia/VA
 053 .Washington/WA
 054 .West Virginia/WV
 055 .Wisconsin/WI
 056 .Wyoming/WY
 072 .Puerto Rico
 166 .Europe
 251 .Eastern Asia
 254 .Other Asia, Not Specified
 301 .Canada
 303 .Mexico
 399 .Americas, Not Specified
 555 .Other US Island Areas Not Specified, Africa, Oceania, at
 .Sea, or Abroad, Not Specified

PRIVCOV Character 1

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

PUBCOV Character 1

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

QTRBIR Character 1

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

RAC1P Character 1

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

RAC2P Character 2

Recoded detailed race code
 01 .White alone
 02 .Black or African American alone
 03 .Apache alone
 04 .Blackfeet alone
 05 .Cherokee alone
 06 .Cheyenne alone
 07 .Chickasaw alone

08 .Chippewa alone
09 .Choctaw alone
10 .Comanche alone
11 .Creek alone
12 .Crow alone
13 .Hopi alone
14 .Iroquois alone
15 .Lumbee alone
16 .Mexican American Indian alone
17 .Navajo alone
18 .Pima alone
19 .Potawatomi alone
20 .Pueblo alone
21 .Puget Sound Salish alone
22 .Seminole alone
23 .Sioux alone
24 .South American Indian alone
25 .Tohono O'Odham alone
26 .Yaqui alone
27 .Other specified American Indian tribes alone
28 .All other specified American Indian tribe combinations
29 .American Indian, tribe not specified
30 .Alaskan Athabascan alone
31 .Tlingit-Haida alone
32 .Inupiat alone
33 .Yup'ik alone
34 .Aleut alone
35 .Other Alaska Native
36 .Other American Indian and Alaska Native specified
37 .American Indian and Alaska Native, not specified
38 .Asian Indian alone
39 .Bangladeshi alone
40 .Bhutanese alone
41 .Burmese alone
42 .Cambodian alone
43 .Chinese, except Taiwanese, alone
44 .Taiwanese alone
45 .Filipino alone
46 .Hmong alone
47 .Indonesian alone
48 .Japanese alone
49 .Korean alone
50 .Laotian alone
51 .Malaysian alone
52 .Mongolian alone
53 .Nepalese alone
54 .Pakistani alone
55 .Sri Lankan alone
56 .Thai alone
57 .Vietnamese alone
58 .Other Asian alone
59 .All combinations of Asian races only
60 .Native Hawaiian alone
61 .Samoan alone
62 .Tongan alone
63 .Guamanian or Chamorro alone
64 .Marshallese alone

- 65 .Fijian alone
- 66 .Other Native Hawaiian and Other Pacific Islander
- 67 .Some Other Race alone
- 68 .Two or More Races

RAC3P Character 3

Recoded detailed race code

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

051 .Filipino; Native Hawaiian
 052 .Filipino; Other Pacific Islander
 053 .Filipino; Some Other Race
 054 .Japanese; Korean
 055 .Japanese; Native Hawaiian
 056 .Vietnamese; Other Asian
 057 .Other Asian; Other Pacific Islander
 058 .Other Asian; Some Other Race
 059 .Other Pacific Islander; Some Other Race
 060 .White; Black or African American; American Indian and Alaska
 .Native
 061 .White; Black or African American; Filipino
 062 .White; Black or African American; Some Other Race
 063 .White; American Indian and Alaska Native; Filipino
 064 .White; American Indian and Alaska Native; Some Other Race
 065 .White; Chinese; Filipino
 066 .White; Chinese; Japanese
 067 .White; Chinese; Native Hawaiian
 068 .White; Filipino; Native Hawaiian
 069 .White; Japanese; Native Hawaiian
 070 .White; Other Asian; Some Other Race
 071 .Chinese; Filipino; Native Hawaiian
 072 .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

SOCP

Character 6

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

bbbbbb .N/A (less than 16 years old/NILF who last worked more
 .than 5 years ago or never worked)
 1110XX .MGR-Chief Executives And Legislators
 111021 .MGR-General And Operations Managers
 112011 .MGR-Advertising And Promotions Managers
 112021 .MGR-Marketing Managers
 112022 .MGR-Sales Managers
 112030 .MGR-Public Relations And Fundraising Managers
 113012 .MGR-Administrative Services Managers
 113013 .MGR-Facilities Managers
 113021 .MGR-Computer And Information Systems Managers
 113031 .MGR-Financial Managers
 113111 .MGR-Compensation And Benefits Managers
 113121 .MGR-Human Resources Managers
 113131 .MGR-Training And Development Managers
 113051 .MGR-Industrial Production Managers
 113061 .MGR-Purchasing Managers
 113071 .MGR-Transportation, Storage, And Distribution Managers
 119013 .MGR-Farmers, Ranchers, And Other Agricultural Managers
 119021 .MGR-Construction Managers
 119030 .MGR-Education And Childcare Administrators
 119041 .MGR-Architectural And Engineering Managers
 119051 .MGR-Food Service Managers
 119070 .MGR-Entertainment And Recreation Managers
 119081 .MGR-Lodging Managers
 119111 .MGR-Medical And Health Services Managers
 119121 .MGR-Natural Sciences Managers
 119141 .MGR-Property, Real Estate, And Community Association
 .Managers
 119151 .MGR-Social And Community Service Managers
 119161 .MGR-Emergency Management Directors
 1191XX .MGR-Other Managers
 131011 .BUS-Agents And Business Managers Of Artists, Performers,
 .And Athletes
 131021 .BUS-Buyers And Purchasing Agents, Farm Products
 131022 .BUS-Wholesale And Retail Buyers, Except Farm Products
 131023 .BUS-Purchasing Agents, Except Wholesale, Retail, And Farm
 .Products
 131030 .BUS-Claims Adjusters, Appraisers, Examiners, And
 .Investigators
 131041 .BUS-Compliance Officers
 131051 .BUS-Cost Estimators
 131070 .BUS-Human Resources Workers
 131081 .BUS-Logisticians
 131082 .BUS-Project Management Specialists
 131111 .BUS-Management Analysts
 131121 .BUS-Meeting, Convention, And Event Planners
 131131 .BUS-Fundraisers
 131141 .BUS-Compensation, Benefits, And Job Analysis Specialists
 131151 .BUS-Training And Development Specialists
 131161 .BUS-Market Research Analysts And Marketing Specialists
 131199 .BUS-Business Operations Specialists, All Other
 132011 .FIN-Accountants And Auditors
 132020 .FIN-Property Appraisers And Assessors

132031 .FIN-Budget Analysts
132041 .FIN-Credit Analysts
132051 .FIN-Financial 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
.Mining Safety Engineers
1721YY .ENG-Other Engineers
173011 .ENG-Architectural And Civil Drafters
17301X .ENG-Other Drafters
173023 .ENG-Electrical and Electronic Engineering Technologists
.And Technicians
17302X .ENG-Other Engineering Technologists And Technicians,
.Except Drafters
173031 .ENG-Surveying And Mapping Technicians
191010 .SCI-Agricultural And Food Scientists
191020 .SCI-Biological Scientists
191030 .SCI-Conservation Scientists And Foresters
1910XX .SCI-Other Life Scientists
192010 .SCI-Astronomers And Physicists
192021 .SCI-Atmospheric And Space Scientists
192030 .SCI-Chemists And Materials Scientists

192041 .SCI-Environmental Scientists And Specialists, Including
 .Health
 19204X .SCI-Geoscientists And Hydrologists, Except Geographers
 192099 .SCI-Physical Scientists, All Other
 193011 .SCI-Economists
 193033 .SCI-Clinical And Counseling Psychologists
 193034 .SCI-School Psychologists
 19303X .SCI-Other Psychologists
 193051 .SCI-Urban And Regional Planners
 1930XX .SCI-Other Social Scientists
 194010 .SCI-Agricultural And Food Science Technicians
 194021 .SCI-Biological Technicians
 194031 .SCI-Chemical Technicians
 1940XX .SCI-Environmental Science And Geoscience Technicians, And
 .Nuclear Technicians
 1940YY .SCI-Other Life, Physical, And Social Science Technicians
 195010 .SCI-Occupational Health And Safety Specialists And
 .Techinicians
 211011 .CMS-Substance Abuse And Behavioral Disorder Counselors
 211012 .CMS-Educational, Guidance, And Career Counselors And
 .Advisors
 211013 .CMS-Marriage And Family Therapists
 211014 .CMS-Mental Health Counselors
 211015 .CMS-Rehabilitation Counselors
 211019 .CMS-Counselors, All Other
 211021 .CMS-Child, Family, And School Social Workers
 211022 .CMS-Healthcare Social Workers
 211023 .CMS-Mental Health And Substance Abuse Social Workers
 211029 .CMS-Social Workers, All Other
 211092 .CMS-Probation Officers And Correctional Treatment
 .Specialists
 211093 .CMS-Social And Human Service Assistants
 21109X .CMS-Other Community And Social Service Specialists
 212011 .CMS-Clergy
 212021 .CMS-Directors, Religious Activities And Education
 212099 .CMS-Religious Workers, All Other
 2310XX .LGL-Lawyers, And Judges, Magistrates, And Other Judicial
 .Workers
 231012 .LGL-Judicial Law Clerks
 232011 .LGL-Paralegals And Legal Assistants
 232093 .LGL-Title Examiners, Abstractors, And Searchers
 232099 .LGL-Legal Support Workers, All Other
 251000 .EDU-Postsecondary Teachers
 252010 .EDU-Preschool And Kindergarten Teachers
 252020 .EDU-Elementary And Middle School Teachers
 252030 .EDU-Secondary School Teachers
 252050 .EDU-Special Education Teachers
 253041 .EDU-Tutors
 2530XX .EDU-Other Teachers And Instructors
 254010 .EDU-Archivists, Curators, And Museum Technicians
 254022 .EDU-Librarians And Media Collections Specialists
 254031 .EDU-Library Technicians
 259040 .EDU-Teaching Assistants
 2590XX .EDU-Other Educational Instruction and Library Workers
 271010 .ENT-Artists And Related Workers
 271021 .ENT-Commercial And Industrial Designers
 271022 .ENT-Fashion Designers

271023 .ENT-Floral Designers
 271024 .ENT-Graphic Designers
 271025 .ENT-Interior Designers
 271026 .ENT-Merchandise Displayer 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
 291292 .MED-Dental Hygienists
 292031 .MED-Cardiovascular Technologists And Technicians
 292032 .MED-Diagnostic Medical Sonographers

292034 .MED-Radiologic Technologists And Technicians
 292035 .MED-Magnetic Resonance Imaging Technologists
 29203X .MED-Nuclear Medicine Technologists And Medical
 .Dosimetrists
 292042 .MED-Emergency Medical Technicians
 292043 .MED-Paramedics
 292052 .MED-Pharmacy Technicians
 292053 .MED-Psychiatric Technicians
 292055 .MED-Surgical Technologists
 292056 .MED-Veterinary Technologists And Technicians
 29205X .MED-Dietetic Technicians And Ophthalmic Medical
 .Techicians
 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

352010 .EAT-Cooks
352021 .EAT-Food Preparation Workers
353011 .EAT-Bartenders
353023 .EAT-Fast Food And Counter Workers
353031 .EAT-Waiters And Waitresses
353041 .EAT-Food Servers, Nonrestaurant
359011 .EAT-Dining Room And Cafeteria Attendants And Bartender
.Helpers
359021 .EAT-Dishwashers
359031 .EAT-Hosts And Hostesses, Restaurant, Lounge, And Coffee
.Shop
359099 .EAT-Food Preparation And Serving Related Workers, All
.Other
371011 .CLN-First-Line Supervisors Of Housekeeping And Janitorial
.Workers
371012 .CLN-First-Line Supervisors Of Landscaping, Lawn Service,
.And Groundskeeping Workers
37201X .CLN-Janitors And Building Cleaners
372012 .CLN-Maids And Housekeeping Cleaners
372021 .CLN-Pest Control Workers
373011 .CLN-Landscaping And Groundskeeping Workers
373013 .CLN-Tree Trimmers And Pruners
37301X .CLN-Other Grounds Maintenance Workers
391000 .PRS-Supervisors of Personal Care And Service Workers
392011 .PRS-Animal Trainers
392021 .PRS-Animal Caretakers
393010 .PRS-Gambling Services Workers
393031 .PRS-Ushers, Lobby Attendants, And Ticket Takers
3930XX .PRS-Other Entertainment Attendants And Related Workers
394031 .PRS-Morticians, Undertakers, And Funeral Arrangers
3940XX .PRS-Embalmers, Crematory Operators And Funeral Attendants
395011 .PRS-Barbers
395012 .PRS-Hairdressers, Hairstylists, And Cosmetologists
395092 .PRS-Manicurists and Pedicurists
395094 .PRS-Skincare Specialists
39509X .PRS-Other Personal Appearance Workers
396010 .PRS-Baggage Porters, Bellhops, And Concierges
397010 .PRS-Tour And Travel Guides
399011 .PRS-Childcare Workers
399031 .PRS-Exercise Trainers And Group Fitness Instructors
399032 .PRS-Recreation Workers
399041 .PRS-Residential Advisors
399099 .PRS-Personal Care And Service Workers, All Other
411011 .SAL-First-Line Supervisors Of Retail Sales Workers
411012 .SAL-First-Line Supervisors Of Non-Retail Sales Workers
412010 .SAL-Cashiers
412021 .SAL-Counter And Rental Clerks
412022 .SAL-Parts Salespersons
412031 .SAL-Retail Salespersons
413011 .SAL-Advertising Sales Agents
413021 .SAL-Insurance Sales Agents
413031 .SAL-Securities, Commodities, And Financial Services Sales
.Agents
413041 .SAL-Travel Agents
413091 .SAL-Sales Representatives Of Services, Except
.Advertising, Insurance, Financial Services, And Travel
414010 .SAL-Sales Representatives, Wholesale And Manufacturing

419010 .SAL-Models, Demonstrators, And Product Promoters
419020 .SAL-Real Estate Brokers And Sales Agents
419031 .SAL-Sales Engineers
419041 .SAL-Telemarketers
419091 .SAL-Door-To-Door Sales Workers, News And Street Vendors,
.And Related Workers
419099 .SAL-Sales And Related Workers, All Other
431011 .OFF-First-Line Supervisors Of Office And Administrative
.Support Workers
432011 .OFF-Switchboard Operators, Including Answering Service
432021 .OFF-Telephone Operators
432099 .OFF-Communications Equipment Operators, All Other
433011 .OFF-Bill And Account Collectors
433021 .OFF-Billing And Posting Clerks
433031 .OFF-Bookkeeping, Accounting, And Auditing Clerks
433051 .OFF-Payroll And Timekeeping Clerks
433061 .OFF-Procurement Clerks
433071 .OFF-Tellers
4330XX .OFF-Other Financial Clerks
434031 .OFF-Court, Municipal, And License Clerks
434041 .OFF-Credit Authorizers, Checkers, And Clerks
434051 .OFF-Customer Service Representatives
434061 .OFF-Eligibility Interviewers, Government Programs
434071 .OFF-File Clerks
434081 .OFF-Hotel, Motel, And Resort Desk Clerks
434111 .OFF-Interviewers, Except Eligibility And Loan
434121 .OFF-Library Assistants, Clerical
434131 .OFF-Loan Interviewers And Clerks
434141 .OFF-New Accounts Clerks
434XXX .OFF-Correspondence Clerks And Order Clerks
434161 .OFF-Human Resources Assistants, Except Payroll And
.Timekeeping
434171 .OFF-Receptionists And Information Clerks
434181 .OFF-Reservation And Transportation Ticket Agents And
.Travel Clerks
434YYY .OFF-Other Information And Records Clerks
435011 .OFF-Cargo And Freight Agents
435021 .OFF-Couriers And Messengers
435031 .OFF-Public Safety Telecommunicators
435032 .OFF-Dispatchers, Except Police, Fire, And Ambulance
435041 .OFF-Meter Readers, Utilities
435051 .OFF-Postal Service Clerks
435052 .OFF-Postal Service Mail Carriers
435053 .OFF-Postal Service Mail Sorters, Processors, And
.Processing Machine Operators
435061 .OFF-Production, Planning, And Expediting Clerks
435071 .OFF-Shipping, Receiving, And Inventory Clerks
435111 .OFF-Weighers, Measurers, Checkers, And Samplers,
.Recordkeeping
436011 .OFF-Executive Secretaries And Executive Administrative
.Assistants
436012 .OFF-Legal Secretaries And Administrative Assistants
436013 .OFF-Medical Secretaries And Administrative Assistants
436014 .OFF-Secretaries And Administrative Assistants, Except
.Legal, Medical, And Executive
439021 .OFF-Data Entry Keyers
439022 .OFF-Word Processors And Typists

439041 .OFF-Insurance Claims And Policy Processing Clerks
439051 .OFF-Mail Clerks And Mail Machine Operators, Except Postal
.Service
439061 .OFF-Office Clerks, General
439071 .OFF-Office Machine Operators, Except Computer
439081 .OFF-Proofreaders And Copy Markers
439111 .OFF-Statistical Assistants
439XXX .OFF-Other Office And Administrative Support Workers
451011 .FFF-First-Line Supervisors Of Farming, Fishing, And
.Forestry Workers
452011 .FFF-Agricultural Inspectors
452041 .FFF-Graders And Sorters, Agricultural Products
4520XX .FFF-Other Agricultural Workers
453031 .FFF-Fishing And Hunting Workers
454011 .FFF-Forest And Conservation Workers
454020 .FFF-Logging Workers
471011 .CON-First-Line Supervisors Of Construction Trades And
.Extraction Workers
472011 .CON-Boilermakers
472031 .CON-Carpenters
472040 .CON-Carpet, Floor, And Tile Installers And Finishers
472050 .CON-Cement Masons, Concrete Finishers, And Terrazzo
.Workers
472061 .CON-Construction Laborers
472070 .CON-Construction Equipment Operators
472080 .CON-Drywall Installers, Ceiling Tile Installers, And
.Tapers
472111 .CON-Electricians
472121 .CON-Glaziers
472130 .CON-Insulation Workers
472140 .CON-Painters And Paperhangers
472151 .CON-Pipelayers
472152 .CON-Plumbers, Pipefitters, And Steamfitters
472161 .CON-Plasterers And Stucco Masons
472181 .CON-Roofers
472211 .CON-Sheet Metal Workers
472221 .CON-Structural Iron And Steel Workers
472231 .CON-Solar Photovoltaic Installers
472XXX .CON-Brickmasons, Blockmasons, Stonemasons, And
.Reinforcing Iron And Rebar Workers
473010 .CON-Helpers, Construction Trades
474011 .CON-Construction And Building Inspectors
474021 .CON-Elevator And Escalator Installers And Repairers
474031 .CON-Fence Erectors
474041 .CON-Hazardous Materials Removal Workers
474051 .CON-Highway Maintenance Workers
474061 .CON-Rail-Track Laying And Maintenance Equipment Operators
4740XX .CON-Other Construction And Related Workers
4750YY .EXT-Derrick, Rotary Drill, And Service Unit Operators,
.And Roustabouts, Oil, Gas, And Mining
475020 .EXT-Surface Mining Machine Operators And Earth Drillers
475032 .EXT-Explosives Workers, Ordnance Handling Experts, And
.Blasters
475040 .EXT-Underground Mining Machine Operators
4750XX .EXT-Other Extraction Workers
491011 .RPR-First-Line Supervisors Of Mechanics, Installers, And
.Repairers

492011 .RPR-Computer, Automated Teller, And Office Machine
 .Repairers
 492020 .RPR-Radio And Telecommunications Equipment Installers And
 .Repairers
 492091 .RPR-Avionics Technicians
 492092 .RPR-Electric Motor, Power Tool, And Related Repairers
 49209X .RPR-Other Electrical And Electronic Equipment Mechanics,
 .Installers, and Repairers
 492097 .RPR-Audiovisual Equipment Installers And Repairers
 492098 .RPR-Security And Fire Alarm Systems Installers
 493011 .RPR-Aircraft Mechanics And Service Technicians
 493021 .RPR-Automotive Body And Related Repairers
 493022 .RPR-Automotive Glass Installers And Repairers
 493023 .RPR-Automotive Service Technicians And Mechanics
 493031 .RPR-Bus And Truck Mechanics And Diesel Engine Specialists
 493040 .RPR-Heavy Vehicle And Mobile Equipment Service
 .Technicians And Mechanics
 493050 .RPR-Small Engine Mechanics
 493090 .RPR-Miscellaneous Vehicle And Mobile Equipment Mechanics,
 .Installers, And Repairers
 499010 .RPR-Control And Valve Installers And Repairers
 499021 .RPR-Heating, Air Conditioning, And Refrigeration
 .Mechanics And Installers
 499031 .RPR-Home Appliance Repairers
 49904X .RPR-Industrial And Refractory Machinery Mechanics
 499043 .RPR-Maintenance Workers, Machinery
 499044 .RPR-Millwrights
 499051 .RPR-Electrical Power-Line Installers And Repairers
 499052 .RPR-Telecommunications Line Installers And Repairers
 499060 .RPR-Precision Instrument And Equipment Repairers
 499071 .RPR-Maintenance And Repair Workers, General
 499091 .RPR-Coin, Vending, And Amusement Machine Servicers And
 .Repairers
 499094 .RPR-Locksmiths And Safe Repairers
 499096 .RPR-Riggers
 499098 .RPR-Helpers--Installation, Maintenance, And Repair
 .Workers
 4990XX .RPR-Other Installation, Maintenance, And Repair Workers
 511011 .PRD-First-Line Supervisors Of Production And Operating
 .Workers
 512020 .PRD-Electrical, Electronics, And Electromechanical
 .Assemblers
 512031 .PRD-Engine And Other Machine Assemblers
 512041 .PRD-Structural Metal Fabricators And Fitters
 5120XX .PRD-Other Assemblers and Fabricators
 513011 .PRD-Bakers
 513020 .PRD-Butchers And Other Meat, Poultry, And Fish Processing
 .Workers
 513091 .PRD-Food And Tobacco Roasting, Baking, And Drying Machine
 .Operators And Tenders
 513092 .PRD-Food Batchmakers
 513093 .PRD-Food Cooking Machine Operators And Tenders
 513099 .PRD-Food Processing Workers, All Other
 519160 .PRD-Computer Numerically Controlled Tool Operators And
 .Programmers
 514020 .PRD-Forming Machine Setters, Operators, And Tenders,
 .Metal And Plastic

514031 .PRD-Cutting, Punching, And Press Machine Setters,
.Operators, And Tenders, Metal And Plastic
514033 .PRD-Grinding, Lapping, Polishing, And Buffing Machine
.Tool Setters, Operators, And Tenders, Metal and Plastic
51403X .PRD-Other Machine Tool Setters, Operators, And Tenders,
.Metal And Plastic
514041 .PRD-Machinists
514050 .PRD-Metal Furnace Operators, Tenders, Pourers, And
.Casters
5140XX .PRD-Model Makers, Patternmakers, And Molding Machine
.Setters, Metal And Plastic
514111 .PRD-Tool And Die Makers
514120 .PRD-Welding, Soldering, And Brazing Workers
514XXX .PRD-Other Metal Workers And Plastic Workers
515111 .PRD-Prepress Technicians And Workers
515112 .PRD-Printing Press Operators
515113 .PRD-Print Binding And Finishing Workers
516011 .PRD-Laundry And Dry-Cleaning Workers
516021 .PRD-Pressers, Textile, Garment, And Related Materials
516031 .PRD-Sewing Machine Operators
516040 .PRD-Shoe And Leather Workers
516050 .PRD-Tailors, Dressmakers, And Sewers
516060 .PRD-Textile Machine Setters, Operators, And Tenders
516093 .PRD-Upholsterers
51609X .PRD-Other Textile, Apparel, And Furnishings Workers
517011 .PRD-Cabinetmakers And Bench Carpenters
517021 .PRD-Furniture Finishers
517041 .PRD-Sawing Machine Setters, Operators, And Tenders, Wood
517042 .PRD-Woodworking Machine Setters, Operators, And Tenders,
.Except Sawing
5170XX .PRD-Other Woodworkers
518010 .PRD-Power Plant Operators, Distributors, And Dispatchers
518021 .PRD-Stationary Engineers And Boiler Operators
518031 .PRD-Water And Wastewater Treatment Plant And System
.Operators
518090 .PRD-Miscellaneous Plant And System Operators
519010 .PRD-Chemical Processing Machine Setters, Operators, And
.Tenders
519020 .PRD-Crushing, Grinding, Polishing, Mixing, And Blending
.Workers
519030 .PRD-Cutting Workers
519041 .PRD-Extruding, Forming, Pressing, And Compacting Machine
.Setters, Operators, And Tenders
519051 .PRD-Furnace, Kiln, Oven, Drier, And Kettle Operators And
.Tenders
519061 .PRD-Inspectors, Testers, Sorters, Samplers, And Weighers
519071 .PRD-Jewelers And Precious Stone And Metal Workers
519080 .PRD-Dental And Ophthalmic Laboratory Technicians And
.Medical Appliance Technicians
519111 .PRD-Packaging And Filling Machine Operators And Tenders
519120 .PRD-Painting Workers
519151 .PRD-Photographic Process Workers And Processing Machine
.Operators
519191 .PRD-Adhesive Bonding Machine Operators And Tenders
519194 .PRD-Etchers And Engravers
519195 .PRD-Molders, Shapers, And Casters, Except Metal And
.Plastic

519196 .PRD-Paper Goods Machine Setters, Operators, And Tenders
 519197 .PRD-Tire Builders
 519198 .PRD-Helpers--Production Workers
 5191XX .PRD-Miscellaneous Production Workers, Including Equipment
 .Operators and Tenders
 531000 .TRN-Supervisors Of Transportation And Material Moving
 .Workers
 532010 .TRN-Aircraft Pilots And Flight Engineers
 532020 .TRN-Air Traffic Controllers And Airfield Operations
 .Specialists
 532031 .TRN-Flight Attendants
 533011 .TRN-Ambulance Drivers And Attendants, Except Emergency
 .Medical Technicians
 533051 .TRN-Bus Drivers, School
 533052 .TRN-Bus Drivers, Transit And Intercity
 533030 .TRN-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
 02 .Gulf War: 9/2001 or later and Gulf War: 8/1990 - 8/2001
 03 .Gulf War: 9/2001 or later and Gulf War: 8/1990 - 8/2001 and
 .Vietnam Era

- 04 .Gulf War: 8/1990 - 8/2001
- 05 .Gulf War: 8/1990 - 8/2001 and Vietnam Era
- 06 .Vietnam Era
- 07 .Vietnam Era and Korean War
- 08 .Vietnam Era, Korean War, and WWII
- 09 .Korean War
- 10 .Korean War and WWII
- 11 .WWII
- 12 .Between Gulf War and Vietnam Era only
- 13 .Between Vietnam Era and Korean War only
- 14 .Between Korean War and World War II only
- 15 .Pre-WWII only

WAOB Character 1

World area of birth

- 1 .US state (POBP = 001-059)
- 2 .PR and US Island Areas (POBP = 061-099)
- 3 .Latin America (POBP = 303,310-399)
- 4 .Asia (POBP = 158-159,161,200-299)
- 5 .Europe (POBP = 100-157,160,162-199)
- 6 .Africa (POBP = 400-499)
- 7 .Northern America (POBP = 300-302,304-309)
- 8 .Oceania and at Sea (POBP = 060,500-554)

PERSON RECORD-ALLOCATION FLAGS

FAGEP Character 1

Age allocation flag

- 0 .No
- 1 .Yes

FANCP Character 1

Ancestry allocation flag

- 0 .No
- 1 .Yes

FCITP Character 1

Citizenship allocation flag

- 0 .No
- 1 .Yes

FCITWP Character 1

Year of naturalization write-in allocation flag

- 0 .No
- 1 .Yes

FCOWP Character 1

Class of worker allocation flag

- 0 .No
- 1 .Yes

FDDRSP Character 1

Self-care difficulty allocation flag

- 0 .No
- 1 .Yes

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FHIMRKSP **Character** **1**
Subsidized Marketplace Coverage allocation flag
0 .No
1 .Yes

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

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

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

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

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

1 .Yes

FHINS4P Character 1

Medicaid, medical assistance, or any kind of government-assistance plan for people with low incomes or a disability allocation flag

0 .No

1 .Yes

FHINS5C Character 1

TRICARE coverage given through the eligibility coverage edit

b .Does not have TRICARE coverage (HINS5=2)

0 .No

1 .Yes

FHINS5P Character 1

TRICARE or other military health care allocation flag

0 .No

1 .Yes

FHINS6P Character 1

VA (enrolled for VA health care) allocation flag

0 .No

1 .Yes

FHINS7P Character 1

Indian health service allocation flag

0 .No

1 .Yes

FHISP Character 1

Detailed Hispanic origin allocation flag

0 .No

1 .Yes

FINDP Character 1

Industry allocation flag

0 .No

1 .Yes

FINTP Character 1

Interest, dividend, and net rental income allocation flag

0 .No

1 .Yes

FJWDP Character 1

Time of departure to work allocation flag

0 .No

1 .Yes

FJWMNP Character 1

Travel time to work allocation flag

0 .No

1 .Yes

FJWRIP Character 1

Vehicle occupancy allocation flag

0 .No
1 .Yes

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

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

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

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

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

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

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

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

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

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

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

1 .Yes

FMILPP **Character** **1**

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

FMILSP **Character** **1**

Military service allocation flag
0 .No
1 .Yes

FOCCP **Character** **1**

Occupation allocation flag
0 .No
1 .Yes

FOIP **Character** **1**

All other income allocation flag
0 .No
1 .Yes

FPAP **Character** **1**

Public assistance income allocation flag
0 .No
1 .Yes

FPERNP **Character** **1**

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

FPINCP **Character** **1**

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

FPOBP **Character** **1**

Place of birth allocation flag
0 .No
1 .Yes

FPOWSP **Character** **1**

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

FPRIVCOVP **Character** **1**

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

FPUBCOVP **Character** **1**

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

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

FRELSHIPP **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

FSEXP **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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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