

2018-2022 ACS PUMS DATA DICTIONARY

January 25, 2024

HOUSING RECORD

HOUSING RECORD-BASIC VARIABLES

RT **Character** **1**

Record Type

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

SERIALNO **Character** **13**

Housing unit/GQ person serial number

- 2018GQ0000001..2022GQ9999999 .GQ Unique identifier
- 2018HU0000001..2022HU9999999 .HU Unique identifier

DIVISION **Character** **1**

Division code

- 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)

PUMA10 **Character** **5**

Public use microdata area code (PUMA) based on 2010 Census definition for data years 2012-2021 (areas with population of 100,000 or more, use with ST for unique code)

- 00100..70301 .Public use microdata area codes
- 0009 .Code classification is Not Applicable because data .are outside of defined year range are outside of .defined year range

PUMA20 **Character** **5**

Public use microdata area code (PUMA) based on 2020 Census definition for data years 2022 and later (areas with population of 100,000 or more, use with ST for unique code)

- 00100..81003 .Public use microdata area codes
- 0009 .Code classification is Not Applicable because data .are outside of defined year range are outside of .defined year range

REGION **Character** **1**

Region code

- 1 .Northeast
- 2 .Midwest

3 .South
4 .West
9 .Puerto Rico

ST

Character 2

State code
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)

1169060 .2018 factor
1148217 .2019 factor
1133141 .2020 factor
1080912 .2021 factor
1000000 .2022 factor

ADJINC Character 7

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

1184371 .2018 factor (1.013097 * 1.16905988)
1159866 .2019 factor (1.010145 * 1.14821714)
1140108 .2020 factor (1.006149 * 1.13314076)
1113261 .2021 factor (1.029928 * 1.08091182)
1042311 .2022 factor (1.042311 * 1.00000000)

WGTP Numeric 5

Housing Unit Weight

0 .Group Quarter placeholder record
1..9999 .Integer weight of housing unit

NP Numeric 2

Number of persons associated with this housing record

0 .Vacant unit
1 .One person record (one person in household or any person
.in group quarters)
2..20 .Number of person records (number of persons in household)

TYPEHUGQ Character 1

Type of unit

1 .Housing unit
2 .Institutional group quarters
3 .Noninstitutional group quarters

HOUSING RECORD-HOUSING UNIT VARIABLES

ACCESSINET Character 1

Access to the Internet

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

ACR Character 1

Lot size

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

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

BATH **Character 1**
Bathtub or shower
b .N/A (GQ)
1 .Yes
2 .No

BDSP **Numeric 2**
Number of bedrooms
bb .N/A (GQ)
0..99 .0 to 99 bedrooms (Top-coded)

BLD **Character 2**
Units in structure
bb .N/A (GQ)
01 .Mobile home or trailer
02 .One-family house detached
03 .One-family house attached
04 .2 Apartments
05 .3-4 Apartments
06 .5-9 Apartments
07 .10-19 Apartments
08 .20-49 Apartments
09 .50 or more apartments
10 .Boat, RV, van, etc.

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

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

FS **Character** **1**
Yearly food stamp/Supplemental Nutrition Assistance Program (SNAP) 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** **4**
Gas cost (monthly cost, use ADJHSG to adjust GASP to constant dollars)
bbbb .N/A (GQ/vacant/included in rent or in condo fee/included in electricity payment/no charge or gas not used)
4..9999 .\$4 to \$9999 (Rounded and top-coded)

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

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

HOTWAT **Character** **1**
Water heater (Puerto Rico only)
b .N/A (GQ)
1 .Yes
2 .No
9 .Case is from the United States, HOTWAT not applicable

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

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

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

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

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

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

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

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

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

RMSP **Numeric** **2**
 Number of rooms
 bb .N/A (GQ)
 1..99 .Rooms (Top-coded)

RNTM **Character** **1**
 Meals included in rent
 b .N/A (GQ/vacant units, except 'for rent' and 'rented, not occupied'/owned or being bought/occupied without rent payment)
 1 .Yes
 2 .No

RNTP **Numeric** **5**
 Monthly rent (use ADJHSG to adjust RNTP to constant dollars)
 bbbbbb .N/A (GQ/vacant units, except 'for rent' and 'rented, not occupied'/owned or being bought/occupied without rent payment)
 1..99999 .\$.1 to \$99999 (Rounded and top-coded)

RWAT **Character** **1**
 Hot and cold running water
 b .N/A (GQ)
 1 .Yes
 2 .No

9 .Case is from Puerto Rico, RWAT not applicable

RWATPR Character 1

Running water

b .N/A (GQ)

1 .Yes

2 .No

9 .Case is from the United States, RWATPR not applicable

SATELLITE Character 1

Satellite Internet service

b .N/A (GQ/vacant/no paid access to the internet)

1 .Yes

2 .No

SINK Character 1

Sink with a faucet

b .N/A (GQ)

1 .Yes

2 .No

SMARTPHONE Character 1

Smartphone

b .N/A (GQ/vacant)

1 .Yes

2 .No

SMP Numeric 5

Total payment on all second and junior mortgages and home equity loans (monthly amount, use ADJHSG to adjust SMP to constant dollars)

bbbbbb .N/A (GQ/vacant/not owned or being bought/ no second .or junior mortgages or home equity loans)

0 .No regular payment

1..99999 \$.1 to \$99999 (Rounded and top-coded)

STOV Character 1

Stove or range

b .N/A (GQ)

1 .Yes

2 .No

TABLET Character 1

Tablet or other portable wireless computer

b .N/A (GQ/vacant)

1 .Yes

2 .No

TEL Character 1

Telephone service

b .N/A (GQ/vacant)

1 .Yes

2 .No

8 .Suppressed for data year 2019 for selected PUMAs

TEN Character 1

Tenure

- b .N/A (GQ/vacant)
- 1 .Owned with mortgage or loan (include home equity loans)
- 2 .Owned free and clear
- 3 .Rented
- 4 .Occupied without payment of rent

VACS Character 1

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

VALP Numeric 7

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

VEH Character 1

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

WATFP Character 1

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

WATP Numeric 4

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

YRBLT Character 4

- When structure first built
- bbbb .N/A (GQ)
 - 1939 .1939 or earlier
 - 1940 .1940 to 1949
 - 1950 .1950 to 1959
 - 1960 .1960 to 1969
 - 1970 .1970 to 1979

1980 .1980 to 1989
 1990 .1990 to 1999
 2000 .2000 to 2009
 2010 .2010 to 2019
 2020 .2020
 2021 .2021
 2022 .2022

HOUSING RECORD-HOUSEHOLD VARIABLES

CPLT Character 1

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

FINCP Numeric 8

Family income (past 12 months, use ADJINC to adjust FINCP to constant dollars)
 bbbbbb .N/A (GQ/vacant)
 0 .No family income
 -59999 .Loss of \$59,999 or more
 -59998..-1 .Loss of \$1 to \$59,998
 1..99999999 .Total family income in dollars (Components are rounded)

FPARC Character 1

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

GRNTP Numeric 5

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

GRPIP Numeric 3

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

HHL Character 1

Household language
 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
- 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
 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

HHLDRAGEP Numeric 2

Age of the householder
 bb .N/A (GQ/vacant)
 15..99 .15 to 99 years (Top-coded)

HHLDRHISP Character 2

Recoded detailed Hispanic origin of the householder
 bb .N/A (GQ/vacant)
 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

HHLDRRAC1P Character 1

Recoded detailed race code of the householder

- b .N/A (GQ/vacant)
- 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

HHT Character 1

Household/family type

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

HHT2 Character 2

Household/family type (includes cohabiting)

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

HINCP Numeric 8

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

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

1..99999999 .Total household income in dollars (Components
.are rounded)

HUGCL Character 1

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

HUPAC Character 1

HH presence and age of children
b .N/A (GQ/vacant)
1 .With children under 6 years only
2 .With children 6 to 17 years only
3 .With children under 6 years and 6 to 17 years
4 .No children

HUPAOC Character 1

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

HUPARC Character 1

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

KIT Character 1

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

LNGI Character 1

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

MULTG Character 1

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

MV Character 1

When moved into this house or apartment
b .N/A (GQ/vacant)

- 1 .12 months or less
- 2 .13 to 23 months
- 3 .2 to 4 years
- 4 .5 to 9 years
- 5 .10 to 19 years
- 6 .20 to 29 years
- 7 .30 years or more

NOC **Numeric** **2**

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

NPF **Numeric** **2**

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

NPP **Character** **1**

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

NR **Character** **1**

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

NRC **Numeric** **2**

Number of related children in household (unweighted)
 bb .N/A (GQ/vacant)
 0 .No related children
 1..19 .Number of related children in household

OCPIP **Numeric** **3**

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

PARTNER **Character** **1**

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

PLM **Character** **1**

Complete plumbing facilities

- b .N/A (GQ)
- 1 .Yes, has hot and cold running water and a bathtub or shower
.(includes flush toilet for data collected prior to 2016)
- 2 .No
- 9 .Case is from Puerto Rico, PLM recode not applicable

PLMPRP Character 1

Complete plumbing facilities for Puerto Rico

- b .N/A (GQ)
- 1 .Yes, has running water and a bathtub or shower (includes flush
toilet for data collected prior to 2016)
- 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)

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

SMX Character 1

Second or junior mortgage or home equity loan status

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

SRNT **Character 1**

Specified rental unit

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

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 (prior to 2016, specified owner also required no business on property)

TAXAMT **Numeric 5**

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

- bbbbbb .N/A (GQ/vacant/not owned or being bought)
- 0..57500 .\$.0 to \$57500 (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 (monthly amount) allocation flag

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

FDIALUPP Character 1

Dial-up service allocation flag

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

FELEP Character 1

Electricity cost (monthly cost) allocation flag

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

FFINCP Character 1

Family income (past 12 months) allocation flag

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

FFSP Character 1

Yearly food stamp/Supplemental Nutrition Assistance Program (SNAP) 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 cost (monthly cost) allocation flag
b .N/A (GQ)
0 .No
1 .Yes

FGRNTP **Character** **1**

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

FHFLP **Character** **1**

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

FHINCP **Character** **1**

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

FHISPEEDP **Character** **1**

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

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

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

HOUSING RECORD-REPLICATE WEIGHTS

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

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

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

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

WGTP5 **Numeric** **5**
 Housing Unit Weight replicate 5

-9999..9999 .Integer weight of housing unit

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

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

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

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

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

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

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

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

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

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

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

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

WGTP18 **Numeric** **5**
Housing Unit Weight replicate 18
-9999..9999 .Integer weight of housing unit

WGTP19 **Numeric** **5**
Housing Unit Weight replicate 19

-9999..9999 .Integer weight of housing unit

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

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

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

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

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

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

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

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

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

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

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

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

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

WGTP33 Numeric 5
Housing Unit Weight replicate 33

-9999..9999 .Integer weight of housing unit

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

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

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

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

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

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

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

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

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

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

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

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

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

WGTP47 **Numeric** **5**
Housing Unit Weight replicate 47

-9999..9999 .Integer weight of housing unit

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

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

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

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

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

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

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

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

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

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

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

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

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

WGTP61 **Numeric** **5**
Housing Unit Weight replicate 61

-9999..9999 .Integer weight of housing unit

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

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

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

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

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

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

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

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

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

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

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

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

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

WGTP75 **Numeric** **5**
Housing Unit Weight replicate 75

-9999..9999 .Integer weight of housing unit

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

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

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

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

WGTP80 **Numeric** **5**
Housing Unit 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
2018GQ0000001..2022GQ9999999 .GQ Unique identifier
2018HU0000001..2022HU9999999 .HU Unique identifier

DIVISION **Character** **1**
Division code
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

PUMA10 Character 5

Public use microdata area code (PUMA) based on 2010 Census definition for data years 2012-2021 (areas with population of 100,000 or more, use with ST for unique code)

00100..70301 .Public use microdata area codes
-0009 .Code classification is Not Applicable because data
.are outside of defined year range are outside of
.defined year range

PUMA20 Character 5

Public use microdata area code (PUMA) based on 2020 Census definition for data years 2022 and later (areas with population of 100,000 or more, use with ST for unique code)

00100..81003 .Public use microdata area codes
-0009 .Code classification is Not Applicable because data
.are outside of defined year range are outside of
.defined year range

REGION Character 1

Region code

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

ST Character 2

State code

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)

1184371 .2018 factor (1.013097 * 1.16905988)
 1159866 .2019 factor (1.010145 * 1.14821714)
 1140108 .2020 factor (1.006149 * 1.13314076)
 1113261 .2021 factor (1.029928 * 1.08091182)
 1042311 .2022 factor (1.042311 * 1.00000000)

PWGTP Numeric 5

Person 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 U.S. citizen parent or parents
 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

1947 .1947 or earlier (Bottom-coded)
1948 .1948 - 1949
1950 .1950 - 1951
1952 .1952
1953 .1953
1954 .1954
1955 .1955
1956 .1956
1957 .1957
1958 .1958
1959 .1959
1960 .1960
1961 .1961
1962 .1962
1963 .1963
1964 .1964
1965 .1965
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2010 .2010
2011 .2011
2012 .2012
2013 .2013
2014 .2014
2015 .2015
2016 .2016
2017 .2017
2018 .2018
2019 .2019
2020 .2020
2021 .2021
2022 .2022

COW **Character 1**

Class of worker

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

DDRS **Character 1**

Self-care difficulty

- b .N/A (Less than 5 years old)
- 1 .Yes
- 2 .No

DEAR **Character 1**

Hearing difficulty

- 1 .Yes
- 2 .No

DEYE **Character 1**

Vision difficulty

- 1 .Yes
- 2 .No

DOUT **Character 1**

Independent living difficulty

- b .N/A (Less than 15 years old)

- 1 .Yes
- 2 .No

DPHY **Character 1**

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

DRAT **Character 1**

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

DRATX **Character 1**

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

DREM **Character 1**

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

ENG **Character 1**

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

FER **Character 1**

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

GCL **Character 1**

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

GCM **Character 1**

- Length of time responsible for grandchildren
- b .N/A (less than 30 years/grandparent not responsible for grandchild/institutional GQ)
 - 1 .Less than 6 months

- 2 .6 to 11 months
- 3 .1 or 2 years
- 4 .3 or 4 years
- 5 .5 or more years

GCR Character 1

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

HINS1 Character 1

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

HINS2 Character 1

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

HINS3 Character 1

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

HINS4 Character 1

Medicaid, Medical Assistance, or any kind of government-assistance plan
 for those with low incomes or a disability
 1 .Yes
 2 .No

HINS5 Character 1

TRICARE or other military health care
 1 .Yes
 2 .No

HINS6 Character 1

VA (Health Insurance through 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 (use ADJINC
 to adjust to constant dollars)
 bbbbbb .N/A (less than 15 years old)
 0 .None
 -10000..-4 .Loss \$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 from home)
1..200 .1 to 200 minutes to get to work (Top-coded)

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

JWTRNS **Character** **2**
Means of transportation to work
bb .N/A (not a worker-not in the labor force, including persons
under 16 years; unemployed; employed, with a job but not at
work; Armed Forces, with a job but not at work)
01 .Car, truck, or van
02 .Bus
03 .Subway or elevated rail
04 .Long-distance train or commuter rail
05 .Light rail, streetcar, or trolley
06 .Ferryboat
07 .Taxicab
08 .Motorcycle
09 .Bicycle
10 .Walked
11 .Worked from home
12 .Other method

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

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

MARHD **Character** **1**
Divorced in the past 12 months
b .N/A (age less than 15 years; never married)
1 .Yes

2 .No
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)
1943 .1943 or earlier (Bottom-coded)
1944 .1944
1945 .1945
1946 .1946
1947 .1947
1948 .1948
1949 .1949
1950 .1950
1951 .1951
1952 .1952
1953 .1953
1954 .1954
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2011 .2011
2012 .2012
2013 .2013
2014 .2014
2015 .2015
2016 .2016
2017 .2017
2018 .2018
2019 .2019
2020 .2020
2021 .2021
2022 .2022

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

MLPIK **Character 1**
Peacetime service before July 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

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 5**
All other income past 12 months (use ADJINC to adjust to constant
dollars)
bbbbb .N/A (less than 15 years old)
0 .None
4..99999 .\$.4 to \$99999 (Rounded and top-coded)

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

RELSHIP **Character 2**
Relationship to reference person
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, private college, or home school

SCHG Character 2

Grade level attending

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

SCHL Character 2

Educational attainment

bb .N/A (less than 3 years old)

01 .No schooling completed
 02 .Nursery school, preschool
 03 .Kindergarten
 04 .Grade 1
 05 .Grade 2
 06 .Grade 3
 07 .Grade 4
 08 .Grade 5
 09 .Grade 6
 10 .Grade 7
 11 .Grade 8
 12 .Grade 9
 13 .Grade 10
 14 .Grade 11
 15 .12th grade - no diploma
 16 .Regular high school diploma
 17 .GED or alternative credential
 18 .Some college, but less than 1 year
 19 .1 or more years of college credit, no degree
 20 .Associate's degree
 21 .Bachelor's degree
 22 .Master's degree
 23 .Professional degree beyond a bachelor's degree
 24 .Doctorate degree

SEMP **Numeric** **6**
 Self-employment income past 12 months (use ADJINC to adjust SEMP to constant dollars)
 bbbbbb .N/A (less than 15 years old)
 0 .None
 -10000..-4 .Loss \$4 to \$10000 (Rounded and bottom-coded)
 4..999999 .\$.4 to \$999999 (Rounded and top-coded)

SEX **Character** **1**
 Sex
 1 .Male
 2 .Female

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

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..55000 .\$.4 to \$55000 (Rounded)

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

WKW **Character** **1**

Weeks worked during past 12 months
b .N/A (less than 16 years old/did not work during the past 12
.months)
1 .50 to 52 weeks worked during past 12 months
2 .48 to 49 weeks worked during past 12 months
3 .40 to 47 weeks worked during past 12 months
4 .27 to 39 weeks worked during past 12 month
5 .14 to 26 weeks worked during past 12 months
6 .13 weeks or less worked during past 12 months

WKWN **Numeric** **2**

Weeks worked during past 12 months (2019 or later)
bb .N/A (less than 16 years old/did not work during the past
.12 months or case is from before 2019)
1..52 .1 to 52 weeks worked during past 12 months (2019 or
.later)

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
1934 .1934 or earlier (Bottom-coded)
1935 .1935 - 1938
1939 .1939 - 1942
1943 .1943 - 1944
1945 .1945
1946 .1946
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2017 .2017
2018 .2018
2019 .2019
2020 .2020
2021 .2021
2022 .2022

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

Ancestry recode - 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 .Turkeistani
169 .Uzbek
170 .Georgia CIS
171 .Ukrainian
176 .Yugoslavian
177 .Bosnian and Herzegovinian
178 .Slavic
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
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

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
 937 .Cajun
 939 .American
 940 .United States
 983 .Texas
 994 .North American
 995 .Mixture
 996 .Uncodable entries
 997 .Other groups
 998 .Other responses
 999 .Not reported

ANC2P Character 3

Ancestry recode - second entry

000 .Suppressed for data year 2018 for select PUMAs
 001 .Alsatian
 003 .Austrian
 005 .Basque
 008 .Belgian
 009 .Flemish
 011 .British
 012 .British Isles
 020 .Danish
 021 .Dutch
 022 .English
 024 .Finnish
 026 .French
 032 .German
 040 .Prussian
 046 .Greek
 049 .Icelander
 050 .Irish
 051 .Italian
 068 .Sicilian
 077 .Luxembourger

078 .Maltese
082 .Norwegian
084 .Portuguese
087 .Scotch Irish
088 .Scottish
089 .Swedish
091 .Swiss
094 .Irish Scotch
097 .Welsh
098 .Scandinavian
099 .Celtic
100 .Albanian
102 .Belorussian
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 .Turkeistani
169 .Uzbek
170 .Georgia CIS
171 .Ukrainian
176 .Yugoslavian
177 .Bosnian and Herzegovinian
178 .Slavic
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
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251 .Latin
252 .Latino
261 .Puerto Rican
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275 .Dominican
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295 .Spanish American
300 .Bahamian
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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
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
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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
 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
 937 .Cajun
 939 .American
 940 .United States
 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)
1 .Living with two parents: both parents in labor force
2 .Living with two parents: Father only in labor force
3 .Living with two parents: Mother only in labor force
4 .Living with two parents: Neither parent in labor force
5 .Living with father: Father in the labor force
6 .Living with father: Father not in labor force
7 .Living with mother: Mother in the labor force
8 .Living with mother: Mother not in labor force

ESR Character 1

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

FOD1P Character 4

Recoded field of degree - first entry
bbbb .N/A (less than bachelor's degree)
1100 .General Agriculture
1101 .Agriculture Production And Management
1102 .Agricultural Economics
1103 .Animal Sciences
1104 .Food Science
1105 .Plant Science And Agronomy
1106 .Soil Science
1199 .Miscellaneous Agriculture
1301 .Environmental Science
1302 .Forestry
1303 .Natural Resources Management
1401 .Architecture
1501 .Area Ethnic And Civilization Studies
1901 .Communications
1902 .Journalism
1903 .Mass Media

1904 .Advertising And Public Relations
 2001 .Communication Technologies
 2100 .Computer And Information Systems
 2101 .Computer Programming And Data Processing
 2102 .Computer Science
 2105 .Information Sciences
 2106 .Computer Administration Management And Security
 2107 .Computer Networking And Telecommunications
 2201 .Cosmetology Services And Culinary Arts
 2300 .General Education
 2301 .Educational Administration And Supervision
 2303 .School Student Counseling
 2304 .Elementary Education
 2305 .Mathematics Teacher Education
 2306 .Physical And Health Education Teaching
 2307 .Early Childhood Education
 2308 .Science And Computer Teacher Education
 2309 .Secondary Teacher Education
 2310 .Special Needs Education
 2311 .Social Science Or History Teacher Education
 2312 .Teacher Education: Multiple Levels
 2313 .Language And Drama Education
 2314 .Art And Music Education
 2399 .Miscellaneous Education
 2400 .General Engineering
 2401 .Aerospace Engineering
 2402 .Biological Engineering
 2403 .Architectural Engineering
 2404 .Biomedical Engineering
 2405 .Chemical Engineering
 2406 .Civil Engineering
 2407 .Computer Engineering
 2408 .Electrical Engineering
 2409 .Engineering Mechanics Physics And Science
 2410 .Environmental Engineering
 2411 .Geological And Geophysical Engineering
 2412 .Industrial And Manufacturing Engineering
 2413 .Materials Engineering And Materials Science
 2414 .Mechanical Engineering
 2415 .Metallurgical Engineering
 2416 .Mining And Mineral Engineering
 2417 .Naval Architecture And Marine Engineering
 2418 .Nuclear Engineering
 2419 .Petroleum Engineering
 2499 .Miscellaneous Engineering
 2500 .Engineering Technologies
 2501 .Engineering And Industrial Management
 2502 .Electrical Engineering Technology
 2503 .Industrial Production Technologies
 2504 .Mechanical Engineering Related Technologies
 2599 .Miscellaneous Engineering Technologies
 2601 .Linguistics And Comparative Language And Literature
 2602 .French German Latin And Other Common Foreign Language
 .Studies
 2603 .Other Foreign Languages
 2901 .Family And Consumer Sciences
 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
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
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 5404 .Social Work
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 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
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 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
 .Leather 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-Pharmaceutical 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.
032 .2:50 a.m. to 2:54 a.m.
033 .2:55 a.m. to 2:59 a.m.
034 .3:00 a.m. to 3:04 a.m.
035 .3:05 a.m. to 3:09 a.m.
036 .3:10 a.m. to 3:14 a.m.
037 .3:15 a.m. to 3:19 a.m.
038 .3:20 a.m. to 3:24 a.m.
039 .3:25 a.m. to 3:29 a.m.
040 .3:30 a.m. to 3:34 a.m.
041 .3:35 a.m. to 3:39 a.m.
042 .3:40 a.m. to 3:44 a.m.
043 .3:45 a.m. to 3:49 a.m.
044 .3:50 a.m. to 3:54 a.m.
045 .3:55 a.m. to 3:59 a.m.
046 .4:00 a.m. to 4:04 a.m.
047 .4:05 a.m. to 4:09 a.m.
048 .4:10 a.m. to 4:14 a.m.
049 .4:15 a.m. to 4:19 a.m.

050 .4:20 a.m. to 4:24 a.m.
051 .4:25 a.m. to 4:29 a.m.
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082 .7:00 a.m. to 7:04 a.m.
083 .7:05 a.m. to 7:09 a.m.
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094 .8:00 a.m. to 8:04 a.m.
095 .8:05 a.m. to 8:09 a.m.
096 .8:10 a.m. to 8:14 a.m.
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099 .8:25 a.m. to 8:29 a.m.
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103 .8:45 a.m. to 8:49 a.m.
104 .8:50 a.m. to 8:54 a.m.
105 .8:55 a.m. to 8:59 a.m.
106 .9:00 a.m. to 9:04 a.m.

107 .9:05 a.m. to 9:09 a.m.
108 .9:10 a.m. to 9:14 a.m.
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116 .9:50 a.m. to 9:54 a.m.
117 .9:55 a.m. to 9:59 a.m.
118 .10:00 a.m. to 10:04 a.m.
119 .10:05 a.m. to 10:09 a.m.
120 .10:10 a.m. to 10:14 a.m.
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127 .10:45 a.m. to 10:49 a.m.
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129 .10:55 a.m. to 10:59 a.m.
130 .11:00 a.m. to 11:04 a.m.
131 .11:05 a.m. to 11:09 a.m.
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215 .6:05 p.m. to 6:09 p.m.
216 .6:10 p.m. to 6:14 p.m.
217 .6:15 p.m. to 6:19 p.m.
218 .6:20 p.m. to 6:24 p.m.
219 .6:25 p.m. to 6:29 p.m.
220 .6:30 p.m. to 6:34 p.m.

221 .6:35 p.m. to 6:39 p.m.
222 .6:40 p.m. to 6:44 p.m.
223 .6:45 p.m. to 6:49 p.m.
224 .6:50 p.m. to 6:54 p.m.
225 .6:55 p.m. to 6:59 p.m.
226 .7:00 p.m. to 7:04 p.m.
227 .7:05 p.m. to 7:09 p.m.
228 .7:10 p.m. to 7:14 p.m.
229 .7:15 p.m. to 7:19 p.m.
230 .7:20 p.m. to 7:24 p.m.
231 .7:25 p.m. to 7:29 p.m.
232 .7:30 p.m. to 7:34 p.m.
233 .7:35 p.m. to 7:39 p.m.
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236 .7:50 p.m. to 7:54 p.m.
237 .7:55 p.m. to 7:59 p.m.
238 .8:00 p.m. to 8:04 p.m.
239 .8:05 p.m. to 8:09 p.m.
240 .8:10 p.m. to 8:14 p.m.
241 .8:15 p.m. to 8:19 p.m.
242 .8:20 p.m. to 8:24 p.m.
243 .8:25 p.m. to 8:29 p.m.
244 .8:30 p.m. to 8:34 p.m.
245 .8:35 p.m. to 8:39 p.m.
246 .8:40 p.m. to 8:44 p.m.
247 .8:45 p.m. to 8:49 p.m.
248 .8:50 p.m. to 8:54 p.m.
249 .8:55 p.m. to 8:59 p.m.
250 .9:00 p.m. to 9:04 p.m.
251 .9:05 p.m. to 9:09 p.m.
252 .9:10 p.m. to 9:14 p.m.
253 .9:15 p.m. to 9:19 p.m.
254 .9:20 p.m. to 9:24 p.m.
255 .9:25 p.m. to 9:29 p.m.
256 .9:30 p.m. to 9:34 p.m.
257 .9:35 p.m. to 9:39 p.m.
258 .9:40 p.m. to 9:44 p.m.
259 .9:45 p.m. to 9:49 p.m.
260 .9:50 p.m. to 9:54 p.m.
261 .9:55 p.m. to 9:59 p.m.
262 .10:00 p.m. to 10:04 p.m.
263 .10:05 p.m. to 10:09 p.m.
264 .10:10 p.m. to 10:14 p.m.
265 .10:15 p.m. to 10:19 p.m.
266 .10:20 p.m. to 10:24 p.m.
267 .10:25 p.m. to 10:29 p.m.
268 .10:30 p.m. to 10:34 p.m.
269 .10:35 p.m. to 10:39 p.m.
270 .10:40 p.m. to 10:44 p.m.
271 .10:45 p.m. to 10:49 p.m.
272 .10:50 p.m. to 10:54 p.m.
273 .10:55 p.m. to 10:59 p.m.
274 .11:00 p.m. to 11:04 p.m.
275 .11:05 p.m. to 11:09 p.m.
276 .11:10 p.m. to 11:14 p.m.
277 .11:15 p.m. to 11:19 p.m.

278 .11:20 p.m. to 11:24 p.m.
279 .11:25 p.m. to 11:29 p.m.
280 .11:30 p.m. to 11:34 p.m.
281 .11:35 p.m. to 11:39 p.m.
282 .11:40 p.m. to 11:44 p.m.
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.
015 .4:20 a.m. to 4:29 a.m.
016 .4:30 a.m. to 4:39 a.m.
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.
024 .5:25 a.m. to 5:29 a.m.
025 .5:30 a.m. to 5:34 a.m.
026 .5:35 a.m. to 5:39 a.m.
027 .5:40 a.m. to 5:44 a.m.
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042 .6:55 a.m. to 6:59 a.m.
043 .7:00 a.m. to 7:04 a.m.
044 .7:05 a.m. to 7:09 a.m.
045 .7:10 a.m. to 7:14 a.m.

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063 .8:40 a.m. to 8:44 a.m.
064 .8:45 a.m. to 8:49 a.m.
065 .8:50 a.m. to 8:54 a.m.
066 .8:55 a.m. to 8:59 a.m.
067 .9:00 a.m. to 9:04 a.m.
068 .9:05 a.m. to 9:09 a.m.
069 .9:10 a.m. to 9:14 a.m.
070 .9:15 a.m. to 9:19 a.m.
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076 .9:45 a.m. to 9:49 a.m.
077 .9:50 a.m. to 9:54 a.m.
078 .9:55 a.m. to 9:59 a.m.
079 .10:00 a.m. to 10:09 a.m.
080 .10:10 a.m. to 10:19 a.m.
081 .10:20 a.m. to 10:29 a.m.
082 .10:30 a.m. to 10:39 a.m.
083 .10:40 a.m. to 10:49 a.m.
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088 .11:30 a.m. to 11:39 a.m.
089 .11:40 a.m. to 11:49 a.m.
090 .11:50 a.m. to 11:59 a.m.
091 .12:00 p.m. to 12:09 p.m.
092 .12:10 p.m. to 12:19 p.m.
093 .12:20 p.m. to 12:29 p.m.
094 .12:30 p.m. to 12:39 p.m.
095 .12:40 p.m. to 12:49 p.m.
096 .12:50 p.m. to 12:59 p.m.
097 .1:00 p.m. to 1:09 p.m.
098 .1:10 p.m. to 1:19 p.m.
099 .1:20 p.m. to 1:29 p.m.
100 .1:30 p.m. to 1:39 p.m.
101 .1:40 p.m. to 1:49 p.m.
102 .1:50 p.m. to 1:59 p.m.

103 .2:00 p.m. to 2:09 p.m.
 104 .2:10 p.m. to 2:19 p.m.
 105 .2:20 p.m. to 2:29 p.m.
 106 .2:30 p.m. to 2:39 p.m.
 107 .2:40 p.m. to 2:49 p.m.
 108 .2:50 p.m. to 2:59 p.m.
 109 .3:00 p.m. to 3:09 p.m.
 110 .3:10 p.m. to 3:19 p.m.
 111 .3:20 p.m. to 3:29 p.m.
 112 .3:30 p.m. to 3:39 p.m.
 113 .3:40 p.m. to 3:49 p.m.
 114 .3:50 p.m. to 3:59 p.m.
 115 .4:00 p.m. to 4:09 p.m.
 116 .4:10 p.m. to 4:19 p.m.
 117 .4:20 p.m. to 4:29 p.m.
 118 .4:30 p.m. to 4:39 p.m.
 119 .4:40 p.m. to 4:49 p.m.
 120 .4:50 p.m. to 4:59 p.m.
 121 .5:00 p.m. to 5:09 p.m.
 122 .5:10 p.m. to 5:19 p.m.
 123 .5:20 p.m. to 5:29 p.m.
 124 .5:30 p.m. to 5:39 p.m.
 125 .5:40 p.m. to 5:49 p.m.
 126 .5:50 p.m. to 5:59 p.m.
 127 .6:00 p.m. to 6:09 p.m.
 128 .6:10 p.m. to 6:19 p.m.
 129 .6:20 p.m. to 6:29 p.m.
 130 .6:30 p.m. to 6:39 p.m.
 131 .6:40 p.m. to 6:49 p.m.
 132 .6:50 p.m. to 6:59 p.m.
 133 .7:00 p.m. to 7:29 p.m.
 134 .7:30 p.m. to 7:59 p.m.
 135 .8:00 p.m. to 8:29 p.m.
 136 .8:30 p.m. to 8:59 p.m.
 137 .9:00 p.m. to 9:09 p.m.
 138 .9:10 p.m. to 9:19 p.m.
 139 .9:20 p.m. to 9:29 p.m.
 140 .9:30 p.m. to 9:39 p.m.
 141 .9:40 p.m. to 9:49 p.m.
 142 .9:50 p.m. to 9:59 p.m.
 143 .10:00 p.m. to 10:09 p.m.
 144 .10:10 p.m. to 10:19 p.m.
 145 .10:20 p.m. to 10:29 p.m.
 146 .10:30 p.m. to 10:39 p.m.
 147 .10:40 p.m. to 10:49 p.m.
 148 .10:50 p.m. to 10:59 p.m.
 149 .11:00 p.m. to 11:29 p.m.
 150 .11:30 p.m. to 11:59 p.m.

LANP

Character 4

Language other than English 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
1530 .Sinhala
1540 .Other Indo-Iranian languages
1564 .Other Indo-European languages
1565 .Finnish
1582 .Hungarian
1675 .Turkish
1690 .Mongolian
1730 .Telugu
1737 .Kannada
1750 .Malayalam
1765 .Tamil
1900 .Khmer
1960 .Vietnamese

1970 .Chinese
2000 .Mandarin
2030 .Min Nan Chinese
2050 .Cantonese
2100 .Tibetan
2160 .Burmese
2270 .Chin languages
2350 .Karen languages
2430 .Thai
2475 .Lao
2525 .Iu Mien
2535 .Hmong
2560 .Japanese
2575 .Korean
2715 .Malay
2770 .Indonesian
2850 .Other languages of Asia
2910 .Filipino
2920 .Tagalog
2950 .Cebuano
3150 .Ilocano
3190 .Other Philippine languages
3220 .Chamorro
3270 .Marshallese
3350 .Chuukese
3420 .Samoa
3500 .Tongan
3570 .Hawaiian
3600 .Other Eastern Malayo-Polynesian languages
4500 .Arabic
4545 .Hebrew
4560 .Assyrian Neo-Aramaic
4565 .Chaldean Neo-Aramaic
4590 .Amharic
4640 .Tigrinya
4830 .Oromo
4840 .Somali
4880 .Other Afro-Asiatic languages
4900 .Nilo-Saharan languages
5150 .Swahili
5345 .Ganda
5525 .Shona
5645 .Other Bantu languages
5845 .Manding languages
5900 .Other Mande languages
5940 .Fulah
5950 .Wolof
6120 .Akan (incl. Twi)
6205 .Ga
6230 .Gbe languages
6290 .Yoruba
6300 .Edoid languages
6370 .Igbo
6500 .Other Niger-Congo languages
6795 .Other languages of Africa
6800 .Aleut languages
6839 .Ojibwa

6930 .Apache languages
 6933 .Navajo
 7019 .Dakota languages
 7032 .Muskogean languages
 7050 .Cherokee
 7060 .Uto-Aztecan languages
 7124 .Other Native North American languages
 7300 .Other Central and South American languages
 9999 .Other and unspecified languages

MIGPUMA10 Character 5

Migration PUMA based on 2010 Census definition for data years 2012-2021

bbbbbb .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.
 -0009 .Code classification is Not Applicable because data
 .are outside of defined year range

MIGPUMA20 Character 5

Migration PUMA based on 2020 Census definition for data years 2022 and later

bbbbbb .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..81000 .Assigned Migration PUMA. Use with MIGSP.
 -0009 .Code classification is Not Applicable because data
 .are outside of defined year range

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
213 .Iraq
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 .Northern Africa or Other Africa, Not Specified
 469 .Eastern Africa, Not Specified
 501 .Australia
 555 .Other US Island Areas, Oceania, Not Specified, or At Sea

MSP Character 1

Married, spouse present/spouse absent
 b .N/A (age less than 15 years)
 1 .Now married, spouse present
 2 .Now married, spouse absent
 3 .Widowed
 4 .Divorced
 5 .Separated
 6 .Never married

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
 .Leather And Allied Product
 31M .MFG-Knitting Fabric Mills, And Apparel Knitting Mills
 3211 .MFG-Sawmills And Wood Preservation
 3212 .MFG-Veneer, Plywood, And Engineered Wood Products
 32199M .MFG-Prefabricated Wood Buildings And Mobile Homes
 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-Pharmaceutical And Medicine
 3255 .MFG-Paint, Coating, And Adhesive
 3256 .MFG-Soap, Cleaning Compound, And Cosmetics
 325M .MFG-Industrial And Miscellaneous Chemicals
 3261 .MFG-Plastics Product
 32621 .MFG-Tire
 3262M .MFG-Rubber Products, Except Tires
 32711 .MFG-Pottery, Ceramics, And Plumbing Fixture

327120 .MFG-Clay Building Material And Refractories
 3272 .MFG-Glass And Glass Product
 3279 .MFG-Miscellaneous Nonmetallic Mineral Product
 327M .MFG-Cement, Concrete, Lime, And Gypsum Product
 3313 .MFG-Aluminum Production And Processing
 3314 .MFG-Nonferrous Metal (Except Aluminum) Production And
 .Processing
 3315 .MFG-Foundries
 331M .MFG-Iron And Steel Mills And Steel Product
 3321 .MFG-Metal Forgings And Stampings
 3322 .MFG-Cutlery And Hand Tool
 3327 .MFG-Machine Shops; Turned Product; Screw, Nut, And Bolt
 3328 .MFG-Coating, Engraving, Heat Treating, And Allied
 .Activities
 33299M .MFG-Ordnance
 332M .MFG-Structural Metals, And Boiler, Tank, And Shipping
 .Container
 332MZ .MFG-Miscellaneous Fabricated Metal Products
 33311 .MFG-Agricultural Implement
 3331M .MFG-Construction, And Mining And Oil And Gas Field
 .Machinery
 3333 .MFG-Commercial And Service Industry Machinery
 3335 .MFG-Metalworking Machinery
 3336 .MFG-Engine, Turbine, And Power Transmission Equipment
 333MS .MFG-Machinery, N.E.C. Or Not Specified
 3341 .MFG-Computer And Peripheral Equipment
 3345 .MFG-Navigational, Measuring, Electromedical, And
 .Control Instruments
 334M1 .MFG-Communications, Audio, And Video Equipment
 334M2 .MFG-Electronic Component And Product, N.E.C.
 3352 .MFG-Household Appliance
 335M .MFG-Electric Lighting And Electrical Equipment, And
 .Other Electrical Component, N.E.C.
 33641M1 .MFG-Aircraft And Parts
 33641M2 .MFG-Aerospace Products And Parts
 3365 .MFG-Railroad Rolling Stock
 3366 .MFG-Ship And Boat Building
 3369 .MFG-Other Transportation Equipment
 336M .MFG-Motor Vehicles And Motor Vehicle Equipment
 337 .MFG-Furniture And Related Product
 3391 .MFG-Medical Equipment And Supplies
 3399M .MFG-Sporting And Athletic Goods, And Doll, Toy And Game
 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 for 2017 and later)
- 0 .No and GQ records for 2016 and earlier
- 1 .Yes

OCCP Character 4

Occupation recode for 2018 and later based on 2018 OCC codes

- bbbb .N/A (less than 16 years old/NILF who last worked more than .5 years ago or never worked)
- 0010 .MGR-Chief Executives And Legislators
- 0020 .MGR-General And Operations Managers
- 0040 .MGR-Advertising And Promotions Managers
- 0051 .MGR-Marketing Managers
- 0052 .MGR-Sales Managers
- 0060 .MGR-Public Relations And Fundraising Managers
- 0101 .MGR-Administrative Services Managers
- 0102 .MGR-Facilities Managers
- 0110 .MGR-Computer And Information Systems Managers
- 0120 .MGR-Financial Managers
- 0135 .MGR-Compensation And Benefits Managers
- 0136 .MGR-Human Resources Managers
- 0137 .MGR-Training And Development Managers
- 0140 .MGR-Industrial Production Managers
- 0150 .MGR-Purchasing Managers
- 0160 .MGR-Transportation, Storage, And Distribution Managers
- 0205 .MGR-Farmers, Ranchers, And Other Agricultural Managers
- 0220 .MGR-Construction Managers
- 0230 .MGR-Education And Childcare Administrators
- 0300 .MGR-Architectural And Engineering Managers
- 0310 .MGR-Food Service Managers
- 0335 .MGR-Entertainment and Recreation Managers
- 0340 .MGR-Lodging Managers
- 0350 .MGR-Medical And Health Services Managers
- 0360 .MGR-Natural Sciences Managers
- 0410 .MGR-Property, Real Estate, And Community Association .Managers
- 0420 .MGR-Social And Community Service Managers
- 0425 .MGR-Emergency Management Directors
- 0440 .MGR-Other Managers
- 0500 .BUS-Agents And Business Managers Of Artists, Performers, .And Athletes
- 0510 .BUS-Buyers And Purchasing Agents, Farm Products
- 0520 .BUS-Wholesale And Retail Buyers, Except Farm Products
- 0530 .BUS-Purchasing Agents, Except Wholesale, Retail, And Farm .Products
- 0540 .BUS-Claims Adjusters, Appraisers, Examiners, And .Investigators
- 0565 .BUS-Compliance Officers
- 0600 .BUS-Cost Estimators
- 0630 .BUS-Human Resources Workers
- 0640 .BUS-Compensation, Benefits, And Job Analysis Specialists
- 0650 .BUS-Training And Development Specialists
- 0700 .BUS-Logisticians
- 0705 .BUS-Project Management Specialists
- 0710 .BUS-Management Analysts
- 0725 .BUS-Meeting, Convention, And Event Planners

0726 .BUS-Fundraisers
0735 .BUS-Market Research Analysts And Marketing Specialists
0750 .BUS-Business Operations Specialists, All Other
0800 .FIN-Accountants And Auditors
0810 .FIN-Property Appraisers and Assessors
0820 .FIN-Budget Analysts
0830 .FIN-Credit Analysts
0845 .FIN-Financial And Investment Analysts
0850 .FIN-Personal Financial Advisors
0860 .FIN-Insurance Underwriters
0900 .FIN-Financial Examiners
0910 .FIN-Credit Counselors And Loan Officers
0930 .FIN-Tax Examiners And Collectors, And Revenue Agents
0940 .FIN-Tax Preparers
0960 .FIN-Other Financial Specialists
1005 .CMM-Computer And Information Research Scientists
1006 .CMM-Computer Systems Analysts
1007 .CMM-Information Security Analysts
1010 .CMM-Computer Programmers
1021 .CMM-Software Developers
1022 .CMM-Software Quality Assurance Analysts and Testers
1031 .CMM-Web Developers
1032 .CMM-Web And Digital Interface Designers
1050 .CMM-Computer Support Specialists
1065 .CMM-Database Administrators and Architects
1105 .CMM-Network And Computer Systems Administrators
1106 .CMM-Computer Network Architects
1108 .CMM-Computer Occupations, All Other
1200 .CMM-Actuaries
1220 .CMM-Operations Research Analysts
1240 .CMM-Other Mathematical Science Occupations
1305 .ENG-Architects, Except Landscape And Naval
1306 .ENG-Landscape Architects
1310 .ENG-Surveyors, Cartographers, And Photogrammetrists
1320 .ENG-Aerospace Engineers
1340 .ENG-Biomedical And Agricultural Engineers
1350 .ENG-Chemical Engineers
1360 .ENG-Civil Engineers
1400 .ENG-Computer Hardware Engineers
1410 .ENG-Electrical And Electronics Engineers
1420 .ENG-Environmental Engineers
1430 .ENG-Industrial Engineers, Including Health And Safety
1440 .ENG-Marine Engineers And Naval Architects
1450 .ENG-Materials Engineers
1460 .ENG-Mechanical Engineers
1520 .ENG-Petroleum, Mining And Geological Engineers, Including
.Mining Safety Engineers
1530 .ENG-Other Engineers
1541 .ENG-Architectural And Civil Drafters
1545 .ENG-Other Drafters
1551 .ENG-Electrical And Electronic Engineering Technologists And
.Technicians
1555 .ENG-Other Engineering Technologists And Technicians, Except
.Drafters
1560 .ENG-Surveying And Mapping Technicians
1600 .SCI-Agricultural And Food Scientists
1610 .SCI-Biological Scientists

1640 .SCI-Conservation Scientists And Foresters
 1650 .SCI-Other Life Scientists
 1700 .SCI-Astronomers And Physicists
 1710 .SCI-Atmospheric And Space Scientists
 1720 .SCI-Chemists And Materials Scientists
 1745 .SCI-Environmental Scientists And Specialists, Including
 .Health
 1750 .SCI-Geoscientists And Hydrologists, Except Geographers
 1760 .SCI-Physical Scientists, All Other
 1800 .SCI-Economists
 1821 .SCI-Clinical And Counseling Psychologists
 1822 .SCI-School Psychologists
 1825 .SCI-Other Psychologists
 1840 .SCI-Urban And Regional Planners
 1860 .SCI-Other Social Scientists
 1900 .SCI-Agricultural And Food Science Technicians
 1910 .SCI-Biological Technicians
 1920 .SCI-Chemical Technicians
 1935 .SCI-Environmental Science and Geoscience Technicians, And
 .Nuclear Technicians
 1970 .SCI-Other Life, Physical, And Social Science Technicians
 1980 .SCI-Occupational Health And Safety Specialists and
 .Technicians
 2001 .CMS-Substance Abuse And Behavioral Disorder Counselors
 2002 .CMS-Educational, Guidance, And Career Counselors And
 .Advisors
 2003 .CMS-Marriage And Family Therapists
 2004 .CMS-Mental Health Counselors
 2005 .CMS-Rehabilitation Counselors
 2006 .CMS-Counselors, All Other
 2011 .CMS-Child, Family, And School Social Workers
 2012 .CMS-Healthcare Social Workers
 2013 .CMS-Mental Health And Substance Abuse Social Workers
 2014 .CMS-Social Workers, All Other
 2015 .CMS-Probation Officers And Correctional Treatment
 .Specialists
 2016 .CMS-Social And Human Service Assistants
 2025 .CMS-Other Community and Social Service Specialists
 2040 .CMS-Clergy
 2050 .CMS-Directors, Religious Activities And Education
 2060 .CMS-Religious Workers, All Other
 2100 .LGL-Lawyers, And Judges, Magistrates, And Other Judicial
 .Workers
 2105 .LGL-Judicial Law Clerks
 2145 .LGL-Paralegals And Legal Assistants
 2170 .LGL-Title Examiners, Abstractors, and Searchers
 2180 .LGL-Legal Support Workers, All Other
 2205 .EDU-Postsecondary Teachers
 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 Displayers And Window 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 And Gas
 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)

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

POBP **Character** **3**

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

041 .Oregon/OR
042 .Pennsylvania/PA
044 .Rhode Island/RI
045 .South Carolina/SC
046 .South Dakota/SD
047 .Tennessee/TN
048 .Texas/TX
049 .Utah/UT
050 .Vermont/VT
051 .Virginia/VA
053 .Washington/WA
054 .West Virginia/WV
055 .Wisconsin/WI
056 .Wyoming/WY
060 .American Samoa
066 .Guam
069 .Commonwealth of the Northern Mariana Islands
072 .Puerto Rico
078 .US Virgin Islands
100 .Albania
102 .Austria
103 .Belgium
104 .Bulgaria
105 .Czechoslovakia
106 .Denmark
108 .Finland
109 .France
110 .Germany
116 .Greece
117 .Hungary
118 .Iceland
119 .Ireland
120 .Italy
126 .Netherlands
127 .Norway
128 .Poland
129 .Portugal
130 .Azores Islands
132 .Romania
134 .Spain
136 .Sweden
137 .Switzerland
138 .United Kingdom, Not Specified
139 .England
140 .Scotland
142 .Northern Ireland
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
208 .Cyprus
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
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 (individuals who are under 15 and are either living
 .in a housing unit but are unrelated to the householder
 .or are living in select group quarters)
 0..500 .Below 501 percent
 501 .501 percent or more

POWPUMA10 Character 5

Place of work PUMA based on 2010 Census definitions for data years
 2012-2021

bbbbbb .N/A (not a worker-not in the labor force, including
 .persons under 16 years; unemployed; civilian
 .employed, with a job not at work; Armed Forces,
 .with a job but not at work)
 00001 .Did not work in the United States or in Puerto Rico
 00100..70100 .Assigned Place of work PUMA. Use with POWSP.
 -0009 .Code classification is Not Applicable because data
 .are outside of defined year range

POWPUMA20 Character 5

Place of work PUMA based on 2020 Census definitions for data years 2022
 and later

bbbbbb .N/A (not a worker-not in the labor force, including
 .persons under 16 years; unemployed; civilian
 .employed, with a job not at work; Armed Forces,
 .with a job but not at work)
 00001 .Did not work in the United States or in Puerto Rico
 00100..81000 .Assigned Place of work PUMA. Use with POWSP.
 -0009 .Code classification is Not Applicable because data
 .are outside of defined year range

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
254 .Asia
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
07 .Chickasaw alone
08 .Chippewa alone
09 .Choctaw 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
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 .Chamorro alone
 64 .Marshallese alone
 65 .Fijian alone
 66 .Other Native Hawaiian and Other Pacific Islander
 67 .Some Other Race alone
 68 .Two or More Races

RAC3P

Character 3

Recoded detailed race code

001 .White alone
 002 .Black or African American alone
 003 .American Indian and Alaska Native alone
 004 .Asian Indian alone
 005 .Chinese alone
 006 .Filipino alone
 007 .Japanese alone
 008 .Korean alone
 009 .Vietnamese alone
 010 .Other Asian alone
 011 .Native Hawaiian alone
 012 .Chamorro alone

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; 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 for 2017 and later)
 0 .No and GQ records for 2016 and earlier
 1 .Yes

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

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

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

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

SOC **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
.Technicians
211011 .CMS-Substance Abuse And Behavioral Disorder Counselors

211012 .CMS-Educational, Guidance, And Career Counselors And
 .Advisors
 211013 .CMS-Marriage And Family Therapists
 211014 .CMS-Mental Health Counselors
 211015 .CMS-Rehabilitation Counselors
 211019 .CMS-Counselors, All Other
 211021 .CMS-Child, Family, And School Social Workers
 211022 .CMS-Healthcare Social Workers
 211023 .CMS-Mental Health And Substance Abuse Social Workers
 211029 .CMS-Social Workers, All Other
 211092 .CMS-Probation Officers And Correctional Treatment
 .Specialists
 211093 .CMS-Social And Human Service Assistants
 21109X .CMS-Other Community And Social Service Specialists
 212011 .CMS-Clergy
 212021 .CMS-Directors, Religious Activities And Education
 212099 .CMS-Religious Workers, All Other
 2310XX .LGL-Lawyers, And Judges, Magistrates, And Other Judicial
 .Workers
 231012 .LGL-Judicial Law Clerks
 232011 .LGL-Paralegals And Legal Assistants
 232093 .LGL-Title Examiners, Abstractors, And Searchers
 232099 .LGL-Legal Support Workers, All Other
 251000 .EDU-Postsecondary Teachers
 252010 .EDU-Preschool And Kindergarten Teachers
 252020 .EDU-Elementary And Middle School Teachers
 252030 .EDU-Secondary School Teachers
 252050 .EDU-Special Education Teachers
 253041 .EDU-Tutors
 2530XX .EDU-Other Teachers And Instructors
 254010 .EDU-Archivists, Curators, And Museum Technicians
 254022 .EDU-Librarians And Media Collections Specialists
 254031 .EDU-Library Technicians
 259040 .EDU-Teaching Assistants
 2590XX .EDU-Other Educational Instruction and Library Workers
 271010 .ENT-Artists And Related Workers
 271021 .ENT-Commercial And Industrial Designers
 271022 .ENT-Fashion Designers
 271023 .ENT-Floral Designers
 271024 .ENT-Graphic Designers
 271025 .ENT-Interior Designers
 271026 .ENT-Merchandise Displayers And Window Trimmers
 27102X .ENT-Other Designers
 272011 .ENT-Actors
 272012 .ENT-Producers And Directors
 272021 .ENT-Athletes And Sports Competitors
 272022 .ENT-Coaches And Scouts
 272023 .ENT-Umpires, Referees, And Other Sports Officials
 272030 .ENT-Dancers And Choreographers
 272041 .ENT-Music Directors And Composers
 272042 .ENT-Musicians And Singers
 272091 .ENT-Disc Jockeys, Except Radio
 272099 .ENT-Entertainers And Performers, Sports And Related
 .Workers, All Other
 273011 .ENT-Broadcast Announcers And Radio Disc Jockeys
 273023 .ENT-News Analysts, Reporters, And Journalists
 273031 .ENT-Public Relations Specialists

273041 .ENT-Editors
 273042 .ENT-Technical Writers
 273043 .ENT-Writers And Authors
 273091 .ENT-Interpreters And Translators
 273092 .ENT-Court Reporters And Simultaneous Captioners
 273099 .ENT-Media And Communication Workers, All Other
 2740XX .ENT-Other Media And Communication Equipment Workers
 274021 .ENT-Photographers
 274030 .ENT-Television, Video, And Film Camera Operators And
 .Editors
 291011 .MED-Chiropractors
 291020 .MED-Dentists
 291031 .MED-Dietitians And Nutritionists
 291041 .MED-Optometrists
 291051 .MED-Pharmacists
 291210 .MED-Physicians
 291240 .MED-Surgeons
 291071 .MED-Physician Assistants
 291081 .MED-Podiatrists
 291122 .MED-Occupational Therapists
 291123 .MED-Physical Therapists
 291124 .MED-Radiation Therapists
 291125 .MED-Recreational Therapists
 291126 .MED-Respiratory Therapists
 291127 .MED-Speech-Language Pathologists
 29112X .MED-Other Therapists
 291131 .MED-Veterinarians
 291141 .MED-Registered Nurses
 291151 .MED-Nurse Anesthetists
 291181 .MED-Audiologists
 2911XX .MED-Nurse Practitioners, And Nurse Midwives
 291291 .MED-Acupuncturists
 291299 .MED-Healthcare Diagnosing Or Treating Practitioners, All
 .Other
 292010 .MED-Clinical Laboratory Technologists And Technicians
 291292 .MED-Dental Hygienists
 292031 .MED-Cardiovascular Technologists And Technicians
 292032 .MED-Diagnostic Medical Sonographers
 292034 .MED-Radiologic Technologists And Technicians
 292035 .MED-Magnetic Resonance Imaging Technologists
 29203X .MED-Nuclear Medicine Technologists And Medical
 .Dosimetrists
 292042 .MED-Emergency Medical Technicians
 292043 .MED-Paramedics
 292052 .MED-Pharmacy Technicians
 292053 .MED-Psychiatric Technicians
 292055 .MED-Surgical Technologists
 292056 .MED-Veterinary Technologists And Technicians
 29205X .MED-Dietetic Technicians And Ophthalmic Medical
 .Technicians
 292061 .MED-Licensed Practical And Licensed Vocational Nurses
 292072 .MED-Medical Records Specialists
 292081 .MED-Opticians, Dispensing
 292090 .MED-Miscellaneous Health Technologists And Technicians
 299000 .MED-Other Healthcare Practitioners And Technical
 .Occupations
 311121 .HLS-Home Health Aides

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 And Gas
 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 .Peacetime service before the Korean War only

WAOB

Character 1

World area of birth

1 .US state (POB = 001-059)
 2 .PR and US Island Areas (POB = 061-099)
 3 .Latin America (POB = 303,310-399)
 4 .Asia (POB = 158-159,161,200-299)

- 5 .Europe (POB = 100-157,160,162-199)
- 6 .Africa (POB = 400-499)
- 7 .Northern America (POB = 300-302,304-309)
- 8 .Oceania and at Sea (POB = 500-554, also includes POB=060 for .2018 or later)

PERSON RECORD-ALLOCATION FLAGS

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

- FANCP** **Character** **1**
Ancestry allocation flag
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

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 (Health Insurance through 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 other than English spoken at home allocation flag
 0 .No
 1 .Yes

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

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

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

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

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

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

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

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

FMIGSP **Character** **1**
 Migration state or foreign country 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 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 (numeric) past 12 months allocation flag
0 .No
1 .Yes

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

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

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

PERSON RECORD-REPLICATE WEIGHTS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

PWGTP22 **Numeric** **5**
Person Weight replicate 22
-9999..9999 .Integer weight of person

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

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

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

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

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

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

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

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

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

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

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

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

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

PWGTP36 **Numeric** **5**
Person Weight replicate 36
-9999..9999 .Integer weight of person

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

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

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

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

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

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

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

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

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

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

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

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

PWGTP49 **Numeric** **5**
Person Weight replicate 49
-9999..9999 .Integer weight of person

PWGTP50 **Numeric** **5**
Person Weight replicate 50
-9999..9999 .Integer weight of person

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

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

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

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

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

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

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

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

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

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

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

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

PWGTP63 **Numeric** **5**
Person Weight replicate 63
-9999..9999 .Integer weight of person

PWGTP64 **Numeric** **5**
Person Weight replicate 64
-9999..9999 .Integer weight of person

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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