

2023 ACS PUMS DATA DICTIONARY

October 17, 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

2023GQ0000001..2023GQ9999999 .GQ Unique identifier

2023HU0000001..2023HU9999999 .HU Unique identifier

DIVISION Character 1

Division code based on 2020 Census definitions

0 .Puerto Rico

1 .New England (Northeast region)

2 .Middle Atlantic (Northeast region)

3 .East North Central (Midwest region)

4 .West North Central (Midwest region)

5 .South Atlantic (South region)

6 .East South Central (South region)

7 .West South Central (South Region)

8 .Mountain (West region)

9 .Pacific (West region)

PUMA Character 5

Public use microdata area code (PUMA) based on 2020 Census definition (areas with population of 100,000 or more, use with STATE for unique code)

00100..81003 .Public use microdata area codes

REGION Character 1

Region code based on 2020 Census definitions

1 .Northeast

2 .Midwest

3 .South

4 .West

9 .Puerto Rico

STATE Character 2

State Code based on 2020 Census definitions

01 .Alabama/AL

02 .Alaska/AK

04 .Arizona/AZ

05 .Arkansas/AR

06 .California/CA

08 .Colorado/CO

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

ADJHSG Character 7

Adjustment factor for housing dollar amounts (6 implied decimal places)
1000000 .2023 factor (1.000000)

ADJINC Character 7

Adjustment factor for income and earnings dollar amounts (6 implied
decimal places)
1019518 .2023 factor (1.019518)

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

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

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

HOUSING RECORD-HOUSING UNIT VARIABLES

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

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

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

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

BDSP **Numeric** **2**
Number of bedrooms

bb .N/A (GQ)
0..99 .0 to 99 bedrooms (Top-coded)

BLD Character 2

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

BROADBND Character 1

Cellular data plan for a smartphone or other mobile device
b .N/A (GQ/vacant/no paid access to the internet)
1 .Yes
2 .No
8 .Suppressed for data year 2023 for select PUMAs

COMPOTHX Character 1

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

CONP Numeric 4

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

DIALUP Character 1

Dial-up service
b .N/A (GQ/vacant/no paid access to the internet)
1 .Yes
2 .No
8 .Suppressed for data year 2023 for select PUMAs

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

OTHSVCEX **Character** **1**
Other Internet service
b .N/A (GQ/vacant/no paid access to the internet)
1 .Yes
2 .No
8 .Suppressed for data year 2023 for select PUMAs

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)
bbbbb .N/A (GQ/vacant units, except 'for rent' and
.'rented, not occupied'/owned or being
.bought/occupied without rent payment)
1..99999 \$.1 to \$99999 (Rounded and top-coded)

RWAT **Character** **1**
Hot and cold running water
b .N/A (GQ)
1 .Yes
2 .No
9 .Case is from Puerto Rico, RWAT not applicable

RWATPR **Character** **1**
Running water
b .N/A (GQ)
1 .Yes
2 .No
9 .Case is from the United States, RWATPR not applicable

SATELLITE **Character** **1**
Satellite Internet service
b .N/A (GQ/vacant/no paid access to the internet)
1 .Yes
2 .No
8 .Suppressed for data year 2023 for select PUMAs

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

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

VACDUR Character 1

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

VACOTH Character 2

Other vacancy status

- bb .N/A (GQ/occupied/vacant with a response for VACS besides
 .'other vacant')
- 1 .Foreclosure
- 2 .Personal/family reasons
- 3 .Legal proceedings
- 4 .Preparing to rent/sell
- 5 .Held for storage of household furniture
- 6 .Needs repairs
- 7 .Currently being repaired/renovated
- 8 .Specific use housing
- 9 .Extended absence
- 10 .Abandoned/possibly to be demolished/possibly condemned
- 11 .Other

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 available (capacity of 1 ton or less)
- 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
 2023 .2023

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

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

GRNTP **Numeric** **5**
 Gross rent (monthly amount, use ADJHSG to adjust GRNTP to constant dollars)
 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 Middle 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** **7**

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

HUGCL **Character** **1**

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

HUPAC **Character** **1**

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

HUPAOC **Character** **1**

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

HUPARC **Character** **1**

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

KIT **Character** **1**

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

LNGI **Character** **1**

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

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

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

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

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

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

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

NRC **Numeric** **2**
Number of related children in household (unweighted)
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
- 2 .No
- 9 .Case is from Puerto Rico, PLM recode not applicable

PLMPRP **Character 1**

Complete plumbing facilities for Puerto Rico

- b .N/A (GQ)
- 1 .Yes, has running water, and a bathtub or shower
- 2 .No
- 9 .Case is from the United States, PLMPRP not applicable

PSF **Character 1**

Presence of subfamilies in household

- b .N/A (GQ/vacant)
- 0 .No subfamilies
- 1 .1 or more subfamilies

R18 **Character 1**

Presence of persons under 18 years in household (unweighted)

- b .N/A (GQ/vacant)
- 0 .No person under 18 in household
- 1 .1 or more persons under 18 in household

R60 **Character 1**

Presence of persons 60 years and over in household (unweighted)

- b .N/A (GQ/vacant)
- 0 .No person 60 and over
- 1 .1 person 60 and over
- 2 .2 or more persons 60 and over

R65 **Character 1**

Presence of persons 65 years and over in household (unweighted)

- b .N/A (GQ/vacant)
- 0 .No person 65 and over
- 1 .1 person 65 and over
- 2 .2 or more persons 65 and over

RESMODE **Character 1**

Response mode

- b .N/A (GQ)
- 1 .Mail
- 2 .CATI/CAPI
- 3 .Internet

SMOCP **Numeric** **5**
Selected monthly owner costs (use ADJHSG to adjust SMOCP to constant dollars)
 bbbb .N/A (GQ/vacant/not owned or being bought)
 0 .None
 1..99999 \$.1 - \$99999 (Components are rounded)

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

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

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

TAXAMT **Numeric** **5**
Property taxes (yearly real estate taxes)
 bbbb .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 for Puerto Rico
 b .N/A (GQ)
 0 .No
 1 .Yes

FSATELLITEP Character 1
 Satellite Internet service allocation flag

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

FSINKP Character 1

Sink with a faucet allocation flag

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

FSMARTPHONP Character 1

Smartphone allocation flag

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

FSMOCP Character 1

Selected monthly owner cost allocation flag

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

FSMP Character 1

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

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

FSMXHP Character 1

Home equity loan status allocation flag

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

FSMXSP Character 1

Second mortgage status allocation flag

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

FSTOVP Character 1

Stove or range allocation flag

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

FTABLETP Character 1

Tablet or other portable wireless computer allocation flag

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

FTAXP Character 1

Property taxes (yearly amount) allocation flag

b .N/A (GQ)

0 .No
1 .Yes

FTELP **Character** **1**
Telephone service allocation flag
b .N/A (GQ)
0 .No
1 .Yes

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

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

FVACOTHP **Character** **1**
Other vacancy allocation flag
b .N/A (GQ)
0 .No
1 .Yes

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

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

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

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

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 Weight replicate 1
-9999..9999 .Integer weight of housing unit

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

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

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

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

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

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

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

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

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

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

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

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

WGTP14 **Numeric** **5**
Housing Weight replicate 14

-9999..9999 .Integer weight of housing unit

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

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

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

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

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

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

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

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

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

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

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

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

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

WGTP28 **Numeric** **5**
Housing Weight replicate 28

-9999..9999 .Integer weight of housing unit

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

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

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

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

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

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

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

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

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

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

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

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

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

WGTP42 **Numeric** **5**
Housing Weight replicate 42

-9999..9999 .Integer weight of housing unit

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

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

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

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

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

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

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

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

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

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

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

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

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

WGTP56 **Numeric** **5**
Housing Weight replicate 56

-9999..9999 .Integer weight of housing unit

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

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

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

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

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

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

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

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

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

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

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

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

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

WGTP70 **Numeric** **5**
Housing Weight replicate 70

-9999..9999 .Integer weight of housing unit

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

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

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

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

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

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

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

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

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

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

PERSON RECORD

PERSON RECORD-BASIC VARIABLES

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

SERIALNO Character 13
Housing unit/GQ person serial number
2023GQ0000001..2023GQ9999999 .GQ Unique identifier
2023HU0000001..2023HU9999999 .HU Unique identifier

DIVISION **Character** **1**

Division code based on 2020 Census definitions

- 0 .Puerto Rico
- 1 .New England (Northeast region)
- 2 .Middle Atlantic (Northeast region)
- 3 .East North Central (Midwest region)
- 4 .West North Central (Midwest region)
- 5 .South Atlantic (South region)
- 6 .East South Central (South region)
- 7 .West South Central (South Region)
- 8 .Mountain (West region)
- 9 .Pacific (West region)

SPORDER **Numeric** **2**

Person number

- 01..20 .Person number

PUMA **Character** **5**

Public use microdata area code (PUMA) based on 2020 Census definition
(areas with population of 100,000 or more, use with STATE for unique
code)

- 00100..81003 .Public use microdata area codes

REGION **Character** **1**

Region code based on 2020 Census definitions

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

STATE **Character** **2**

State Code based on 2020 Census definitions

- 01 .Alabama/AL
- 02 .Alaska/AK
- 04 .Arizona/AZ
- 05 .Arkansas/AR
- 06 .California/CA
- 08 .Colorado/CO
- 09 .Connecticut/CT
- 10 .Delaware/DE
- 11 .District of Columbia/DC
- 12 .Florida/FL
- 13 .Georgia/GA
- 15 .Hawaii/HI
- 16 .Idaho/ID
- 17 .Illinois/IL
- 18 .Indiana/IN
- 19 .Iowa/IA
- 20 .Kansas/KS
- 21 .Kentucky/KY
- 22 .Louisiana/LA
- 23 .Maine/ME
- 24 .Maryland/MD
- 25 .Massachusetts/MA
- 26 .Michigan/MI

27 .Minnesota/MN
 28 .Mississippi/MS
 29 .Missouri/MO
 30 .Montana/MT
 31 .Nebraska/NE
 32 .Nevada/NV
 33 .New Hampshire/NH
 34 .New Jersey/NJ
 35 .New Mexico/NM
 36 .New York/NY
 37 .North Carolina/NC
 38 .North Dakota/ND
 39 .Ohio/OH
 40 .Oklahoma/OK
 41 .Oregon/OR
 42 .Pennsylvania/PA
 44 .Rhode Island/RI
 45 .South Carolina/SC
 46 .South Dakota/SD
 47 .Tennessee/TN
 48 .Texas/TX
 49 .Utah/UT
 50 .Vermont/VT
 51 .Virginia/VA
 53 .Washington/WA
 54 .West Virginia/WV
 55 .Wisconsin/WI
 56 .Wyoming/WY
 72 .Puerto Rico/PR

ADJINC Character 7

Adjustment factor for income and earnings dollar amounts (6 implied decimal places)
 1019518 .2023 factor (1.019518)

PWGTP Numeric 5

Person's weight
 1..9999 .Integer weight of person

PERSON RECORD-PERSON VARIABLES

AGEP Numeric 2

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

CIT Character 1

Citizenship status
 1 .Born in the United States
 2 .Born in Puerto Rico, Guam, the U.S. Virgin Islands, or Northern Marianas
 3 .Born abroad of U.S. citizen parent or parents
 4 .U.S. citizen by naturalization
 5 .Not a U.S. citizen

CITWP

Numeric 4

Year of naturalization write-in

bbbb .N/A (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
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2015 .2015
2016 .2016
2017 .2017
2018 .2018
2019 .2019
2020 .2020
2021 .2021
2022 .2022
2023 .2023

COW **Character 1**

Class of worker

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

DDRS **Character 1**

Self-care difficulty

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

DEAR **Character 1**

Hearing difficulty

- 1 .Yes
- 2 .No

DEYE **Character 1**

Vision difficulty

- 1 .Yes
- 2 .No

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

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

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

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

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

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

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

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

GCM **Character 1**
Length of time responsible for grandchildren

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

GCR **Character 1**

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

HIMRKS **Character 1**

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

HINS1 **Character 1**

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

HINS2 **Character 1**

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

HINS3 **Character 1**

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

HINS4 **Character 1**

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

HINS5 **Character 1**

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

HINS6 **Character 1**

- VA (enrolled for VA health care)
- 1 .Yes
- 2 .No

HINS7 **Character 1**

- Indian Health Service
- 1 .Yes
- 2 .No

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

JWMNP **Numeric** **3**
Travel time to work
bbb .N/A (not a worker or worker who worked at home)
1..200 .1 to 200 minutes to get to work (Top-coded)
888 .Suppressed for data year 2023 for select PUMAs

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

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

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

MAR **Character** **1**
Marital status
1 .Married

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

MARHD Character 1

Divorced in the past 12 months

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

MARHM Character 1

Married in the past 12 months

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

MARHT Character 1

Number of times married

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

MARHW Character 1

Widowed in the past 12 months

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

MARHYP Numeric 4

Year last married

- bbbb .N/A (age less than 15 years; never married)
- 1944 .1944 or earlier (Bottom-coded)
- 1945 .1945
- 1946 .1946
- 1947 .1947
- 1948 .1948
- 1949 .1949
- 1950 .1950
- 1951 .1951
- 1952 .1952
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2017 .2017
2018 .2018
2019 .2019
2020 .2020
2021 .2021
2022 .2022
2023 .2023

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)
 bbbbbb .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)
 bbbbbb .N/A (less than 15 years old)

0 .None
4..30000 .\$.4 to \$30000 (Rounded and top-coded)

RELSHIP Character 2

Relationship

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

RETP Numeric 6

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

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

SCH Character 1

School enrollment

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

SCHG Character 2

Grade level attending

bb .N/A (not attending school)
01 .Nursery school/preschool
02 .Kindergarten
03 .Grade 1
04 .Grade 2
05 .Grade 3
06 .Grade 4
07 .Grade 5
08 .Grade 6
09 .Grade 7
10 .Grade 8
11 .Grade 9
12 .Grade 10
13 .Grade 11
14 .Grade 12

- 15 .College undergraduate years (freshman to senior)
- 16 .Graduate or professional school beyond a bachelor's degree

SCHL **Character** **2**

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

SEMP **Numeric** **6**

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

SEX **Character** **1**

- Sex
- 1 .Male
 - 2 .Female

SSIP **Numeric** **5**

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

SSP **Numeric** **5**

- Social Security income past 12 months (use ADJINC to adjust SSP to constant dollars)
- bbbbbb .N/A (less than 15 years old)
 - 0 .None

4..55000 .\$.4 to \$55000 (Rounded and top-coded)

WAGP **Numeric** **6**

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

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

WKHP **Numeric** **2**

Usual hours worked per week past 12 months

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

WKL **Character** **1**

When last worked

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

WKWN **Numeric** **2**

Weeks worked during past 12 months

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

WRK **Character** **1**

Worked last week

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

YOEP **Numeric** **4**

Year of entry

bbbb .N/A (Not eligible - Born in the US)
1938 .1938 or earlier (Bottom-coded)
1939 .1939 - 1942
1943 .1943 - 1944
1945 .1945
1946 .1946
1947 .1947
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2016 .2016

2017 .2017
2018 .2018
2019 .2019
2020 .2020
2021 .2021
2022 .2022
2023 .2023

PERSON RECORD-RECODED PERSON VARIABLES

ANC Character 1

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

ANC1P Character 3

Recoded Detailed Ancestry - first entry
001 .Alsatian
003 .Austrian
005 .Basque
008 .Belgian
009 .Flemish
011 .British
012 .British Isles
020 .Danish
021 .Dutch
022 .English
024 .Finnish
026 .French
032 .German
040 .Prussian
046 .Greek
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

Recoded Detailed Ancestry - second entry

001 .Alsatian
003 .Austrian
005 .Basque
008 .Belgian
009 .Flemish
011 .British
012 .British Isles
020 .Danish
021 .Dutch
022 .English
024 .Finnish
026 .French
032 .German
040 .Prussian
046 .Greek
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 .Turkestani
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

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: In labor force
- 6 .Living with father: Not in labor force
- 7 .Living with mother: In labor force
- 8 .Living with 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
- 1107 .Veterinary Medicine
- 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
4009 .Data Science and Data Analytics
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
 1107 .Veterinary Medicine
 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
4009 .Data Science and Data Analytics
4101 .Physical Fitness Parks Recreation And Leisure
4801 .Philosophy And Religious Studies
4901 .Theology And Religious Vocations
5000 .Physical Sciences
5001 .Astronomy And Astrophysics
5002 .Atmospheric Sciences And Meteorology
5003 .Chemistry
5004 .Geology And Earth Science
5005 .Geosciences
5006 .Oceanography
5007 .Physics
5008 .Materials Science
5098 .Multi-Disciplinary Or General Science
5102 .Nuclear, Industrial Radiology, And Biological Technologies
5200 .Psychology
5201 .Educational Psychology
5202 .Clinical Psychology
5203 .Counseling Psychology
5205 .Industrial And Organizational Psychology
5206 .Social Psychology
5299 .Miscellaneous Psychology
5301 .Criminal Justice And Fire Protection
5401 .Public Administration
5402 .Public Policy
5403 .Human Services And Community Organization
5404 .Social Work
5500 .General Social Sciences
5501 .Economics
5502 .Anthropology And Archeology
5503 .Criminology

5504 .Geography
 5505 .International Relations
 5506 .Political Science And Government
 5507 .Sociology
 5599 .Miscellaneous Social Sciences
 5601 .Construction Services
 5701 .Electrical, Mechanical, And Precision Technologies And
 .Production
 5901 .Transportation Sciences And Technologies
 6000 .Fine Arts
 6001 .Drama And Theater Arts
 6002 .Music
 6003 .Visual And Performing Arts
 6004 .Commercial Art And Graphic Design
 6005 .Film Video And Photographic Arts
 6006 .Art History And Criticism
 6007 .Studio Arts
 6099 .Miscellaneous Fine Arts
 6100 .General Medical And Health Services
 6102 .Communication Disorders Sciences And Services
 6103 .Health And Medical Administrative Services
 6104 .Medical Assisting Services
 6105 .Medical Technologies Technicians
 6106 .Health And Medical Preparatory Programs
 6107 .Nursing
 6108 .Pharmacy Pharmaceutical Sciences And Administration
 6109 .Treatment Therapy Professions
 6110 .Community And Public Health
 6199 .Miscellaneous Health Medical Professions
 6200 .General Business
 6201 .Accounting
 6202 .Actuarial Science
 6203 .Business Management And Administration
 6204 .Operations Logistics And E-Commerce
 6205 .Business Economics
 6206 .Marketing And Marketing Research
 6207 .Finance
 6209 .Human Resources And Personnel Management
 6210 .International Business
 6211 .Hospitality Management
 6212 .Management Information Systems And Statistics
 6299 .Miscellaneous Business And Medical Administration
 6402 .History
 6403 .United States History

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

HISP **Character 2**
 Recoded detailed Hispanic origin
 01 .Not Spanish/Hispanic/Latino
 02 .Mexican
 03 .Puerto Rican
 04 .Cuban
 05 .Dominican

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

INDP

Character 4

Industry recode for 2023 and later based on 2022 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 Supply And Irrigation Systems, And Steam And Air-
 .Conditioning Supply
 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 Knit Fabric 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-Knit 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 Refineries
 2090 .MFG-Petroleum And Coal Products Manufacturing, Except
 .Petroleum Refineries
 2170 .MFG-Resin, Synthetic Rubber, And Artificial And Synthetic
 .Fibers And Filaments
 2180 .MFG-Pesticide, Fertilizer, And Other Agricultural Chemical
 2190 .MFG-Pharmaceutical And Medicine
 2270 .MFG-Paint, Coating, And Adhesive
 2280 .MFG-Soap, Cleaning Compound, And Toilet Preparation
 2290 .MFG-Basic Chemical, And Other Chemical Product And
 .Preparation 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-Other Nonmetallic Mineral Product
 2670 .MFG-Iron And Steel Mills And Steel Product
 2680 .MFG-Alumina And Aluminum Production And Processing
 2690 .MFG-Nonferrous Metal (Except Aluminum) Production And
 .Processing
 2770 .MFG-Foundries
 2780 .MFG-Forgings And Stampings
 2790 .MFG-Cutlery And Handtool
 2870 .MFG-Architectural And 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 Product
 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-Semiconductor, Magnetic And Optical Media, And Other
 .Electronic Component
 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, Aircraft Engine, And Aircraft Parts
 3590 .MFG-Guided Missile And Space Vehicle 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 Product
 3790 .MFG-Manufactured Home (Mobile Home) And Prefabricated Wood
 .Building
 3875 .MFG-Miscellaneous Wood Product
 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-Metal And Mineral, 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, Except Recyclable
 .Material, Merchant Wholesalers
 4370 .WHL-Paper And Paper Product Merchant Wholesalers
 4380 .WHL-Drugs, Druggists' 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-Beer, Wine, And Distilled Alcoholic Beverage Merchant
 .Wholesalers
 4570 .WHL-Farm Supplies Merchant Wholesalers
 4580 .WHL-Miscellaneous Nondurable Goods Merchant, Except Farm
 .Supplies, Wholesalers
 4585 .WHL-Wholesale Trade Agents And Brokers
 4590 .WHL-Not Specified Wholesale Trade
 4670 .RET-Automobile Dealers
 4681 .RET-Other Motor Vehicle Dealers
 4691 .RET-Automotive Parts, Accessories, And Tire Retailers

4771 .RET-Furniture And Home Furnishings Retailers
 4796 .RET-Electronics And Appliance Retailers
 4871 .RET-Building Material And Supplies Dealers, Except Hardware
 .Retailers
 4881 .RET-Hardware Retailers
 4891 .RET-Lawn And Garden Equipment And Supplies Retailers
 4971 .RET-Supermarkets And Other Grocery (Except Convenience)
 .Retailers
 4973 .RET-Convenience Retailers And Vending Machine Operators
 4981 .RET-Specialty Food Retailers
 4991 .RET-Beer, Wine, And Liquor Retailers
 5071 .RET-Pharmacies And Drug Retailers
 5081 .RET-Health And Personal Care, Except Pharmacies And Drug,
 .Retailers
 5090 .RET-Gasoline Stations
 5171 .RET-Clothing And Clothing Accessories Retailers
 5181 .RET-Shoe Retailers
 5191 .RET-Jewelry, Luggage, And Leather Goods Retailers
 5276 .RET-Sporting Goods, And Hobby, Toy, And Game Retailers
 5281 .RET-Sewing, Needlework, And Piece Goods Retailers
 5296 .RET-Musical Instrument And Supplies Retailers
 5371 .RET-Book Retailers And News Dealers
 5382 .RET-Department Stores
 5392 .RET-Warehouse Clubs, Supercenters, And Other General
 .Merchandise Retailers
 5471 .RET-Florists
 5481 .RET-Office Supplies And Stationery Retailers
 5491 .RET-Used Merchandise Retailers
 5571 .RET-Gift, Novelty, And Souvenir Retailers
 5581 .RET-Other Miscellaneous Retailers
 5680 .RET-Fuel Dealers
 5791 .RET-Not Specified Retail Trade
 6070 .TRN-Air Transportation
 6080 .TRN-Rail Transportation
 6090 .TRN-Water Transportation
 6170 .TRN-Truck Transportation
 6180 .TRN-Transit And Ground Passenger Transportation, Except
 .Taxi And Limousine Service
 6190 .TRN-Taxi And Limousine Service
 6270 .TRN-Pipeline Transportation
 6280 .TRN-Scenic And Sightseeing Transportation
 6290 .TRN-Support Activities For Transportation
 6370 .TRN-Postal Service
 6380 .TRN-Couriers And Messengers
 6390 .TRN-Warehousing And Storage
 6471 .INF-Newspaper Publishers
 6481 .INF-Periodical, Book, And Directory And Mailing List, And
 .Other Publishers
 6490 .INF-Software Publishers
 6570 .INF-Motion Pictures And Video Industries
 6590 .INF-Sound Recording Industries
 6671 .INF-Broadcasting And Content Providers
 6680 .INF-Wired Telecommunications Carriers
 6690 .INF-Telecommunications, Except Wired Telecommunications
 .Carriers
 6695 .INF-Computing Infrastructure Providers, Data Processing,
 .Web Hosting, And Related Services

6770 .INF-Libraries And Archives
6781 .INF-Web Search Portals And All Other Information Services
6871 .FIN-Monetary Authorities-Central Bank, And Commerical
.Banking
6881 .FIN-Credit Unions, And Savings Institutions And Other
.Depository Credit Intermediation
6890 .FIN-Nondepository Credit Intermediation 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-Activities Related To Real Estate
7080 .FIN-Automotive Equipment Rental And Leasing
7181 .FIN-Consumer Goods Rental, And General Rental Centers
7190 .FIN-Commercial And Industrial Machinery and Equipment, And
.Nonfinancial 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, Except
.Veterinary, 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 Landscaping
.Services
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-Junior Colleges, Colleges, Universities, And
.Professional Schools
7880 .EDU-Business, Trade And Technical Schools, And Computer And
.Management 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 And Other
 .Relief Services
 8390 .SCA-Vocational Rehabilitation Services
 8470 .SCA-Child 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, 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-Food Services And Drinking Places, except Alcoholic
 .Beverages
 8690 .ENT-Drinking Places (Alcoholic Beverages)
 8770 .SRV-Automotive Repair And Maintenance, Except Car Washes
 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-Death Care Services
 9090 .SRV-Other Personal Services
 9160 .SRV-Religious Organizations
 9170 .SRV-Civic, Social, Advocacy Organizations, And Grantmaking
 .And Giving Services
 9180 .SRV-Labor Unions And Similar Labor Organizations
 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, Urban Planning And Community Development
 9570 .ADM-Administration Of Economic Programs And Space Research
 .And Technology
 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 from 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.
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 285 .11:55 p.m. to 11:59 p.m.
 888 .Suppressed for data year 2023 for select PUMAs

JWDP

Character 3

Time of departure for work - hour and minute

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

001 .12:00 a.m. to 12:29 a.m.
 002 .12:30 a.m. to 12:59 a.m.
 003 .1:00 a.m. to 1:29 a.m.
 004 .1:30 a.m. to 1:59 a.m.
 005 .2:00 a.m. to 2:29 a.m.
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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 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 .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 Middle and South American languages
 9999 .Other and unspecified languages

MIGPUMA Character 5

Migration PUMA based on 2020 Census definition
 bbbbb .N/A (person less than 1 year old/lived in same
 .house 1 year ago)
 00001 .Did not live in the United States or in Puerto Rico
 .one year ago
 00002 .Lived in Puerto Rico one year ago and current
 .residence is in the United States
 00100..81000 .Assigned Migration PUMA. Use with MIGSP.

MIGSP Character 3

Migration recode - State or foreign country code
 bbb .N/A (person less than 1 year old/lived in same house 1 year
 .ago)
 001 .Alabama/AL
 002 .Alaska/AK
 004 .Arizona/AZ
 005 .Arkansas/AR
 006 .California/CA
 008 .Colorado/CO
 009 .Connecticut/CT
 010 .Delaware/DE
 011 .District of Columbia/DC
 012 .Florida/FL
 013 .Georgia/GA
 015 .Hawaii/HI
 016 .Idaho/ID
 017 .Illinois/IL
 018 .Indiana/IN
 019 .Iowa/IA
 020 .Kansas/KS
 021 .Kentucky/KY
 022 .Louisiana/LA
 023 .Maine/ME
 024 .Maryland/MD
 025 .Massachusetts/MA
 026 .Michigan/MI
 027 .Minnesota/MN
 028 .Mississippi/MS
 029 .Missouri/MO
 030 .Montana/MT

031 .Nebraska/NE
032 .Nevada/NV
033 .New Hampshire/NH
034 .New Jersey/NJ
035 .New Mexico/NM
036 .New York/NY
037 .North Carolina/NC
038 .North Dakota/ND
039 .Ohio/OH
040 .Oklahoma/OK
041 .Oregon/OR
042 .Pennsylvania/PA
044 .Rhode Island/RI
045 .South Carolina/SC
046 .South Dakota/SD
047 .Tennessee/TN
048 .Texas/TX
049 .Utah/UT
050 .Vermont/VT
051 .Virginia/VA
053 .Washington/WA
054 .West Virginia/WV
055 .Wisconsin/WI
056 .Wyoming/WY
072 .Puerto Rico
109 .France
110 .Germany
111 .Northern Europe, Not Specified
113 .Eastern Europe, Not Specified
114 .Western Europe or Other Europe, Not Specified
120 .Italy
134 .Spain
138 .United Kingdom, Excluding England
139 .England
163 .Russia
164 .Ukraine
200 .Afghanistan
207 .China, Hong Kong, Macau And Paracel Islands
210 .India
214 .Israel
215 .Japan
217 .Korea
229 .Nepal
231 .Pakistan
233 .Philippines
235 .Saudi Arabia
240 .Taiwan
242 .Thailand
243 .Turkey
245 .United Arab Emirates
247 .Vietnam
251 .Eastern Asia, Not Specified
252 .Western Asia, Not Specified
253 .South Central Asia or Asia, Not Specified
301 .Canada
303 .Mexico
312 .El Salvador

313 .Guatemala
 314 .Honduras
 317 .Central America, Not Specified
 327 .Cuba
 329 .Dominican Republic
 332 .Haiti
 333 .Jamaica
 344 .Caribbean and North America, Not Specified
 362 .Brazil
 364 .Colombia
 365 .Ecuador
 370 .Peru
 373 .Venezuela
 374 .South America, Not Specified
 414 .Egypt
 416 .Ethiopia
 427 .Kenya
 440 .Nigeria
 467 .Western Africa, Not Specified
 468 .Other Africa, Not Specified
 469 .Eastern Africa, Not Specified
 501 .Australia
 555 .Other US Island Areas, Oceania, Not Specified, or At Sea

MSP

Character 1

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

NAICSP

Character 8

North American Industry Classification System (NAICS) recode for 2023
 and later based on 2022 NAICS codes

bbbbbb .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 Supply And Irrigation Systems, And Steam And
 .Air-conditioning Supply
 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 Knit Fabric 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-Knit Fabric Mills, And Apparel Knitting Mills
 3211 .MFG-Sawmills And Wood Preservation
 3212 .MFG-Veneer, Plywood, And Engineered Wood Product
 32199M .MFG-Manufactured Home (Mobile Home) And Prefabricated
 .Wood Building
 3219ZM .MFG-Miscellaneous Wood Product
 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-Petroleum And Coal Products Manufacturing, Except
 .Petroleum Refineries
 32411 .MFG-Petroleum Refineries
 3252 .MFG-Resin, Synthetic Rubber, And Artificial And
 .Synthetic Fibers And Filaments
 3253 .MFG-Pesticide, Fertilizer, And Other Agricultural
 .Chemical
 3254 .MFG-Pharmaceutical And Medicine
 3255 .MFG-Paint, Coating, And Adhesive
 3256 .MFG-Soap, Cleaning Compound, And Toilet Preparation
 325M .MFG-Basic Chemical, And Other Chemical Product And
 .Preparation
 3261 .MFG-Plastics Product
 32621 .MFG-Tire
 3262M .MFG-Rubber Products, Except Tires
 32711 .MFG-Pottery, Ceramics, And Plumbing Fixture
 32712 .MFG-Clay Building Material And Refractories
 3272 .MFG-Glass And Glass Product
 3279 .MFG-Other Nonmetallic Mineral Product
 327M .MFG-Cement, Concrete, Lime, And Gypsum Product
 3313 .MFG-Alumina And 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-Forging And Stamping
 3322 .MFG-Cutlery And Handtool
 3327 .MFG-Machine Shops; Turned Product; Screw, Nut, And Bolt
 3328 .MFG-Coating, Engraving, Heat Treating, And Allied
 .Activities
 33299M .MFG-Ordnance
 332M .MFG-Architectural And Structural Metals, And Boiler,
 .Tank, And Shipping Container
 332MZ .MFG-Miscellaneous Fabricated Metal Product
 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-Semiconductor, Magnetic And Optical Media, And
 .Other Electronic Component
 3352 .MFG-Household Appliance
 335M .MFG-Electric Lighting And Electrical Equipment, And
 .Other Electrical Component, N.E.C.
 33641M1 .MFG-Aircraft, Aircraft Engine, And Aircraft Parts
 33641M2 .MFG-Guided Missile And Space Vehicle 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-Metal And Mineral, 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, Except Recyclable
 .Material, Merchant Wholesalers
 4241 .WHL-Paper And Paper Product 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-Beer, Wine, And Distilled Alcoholic Beverage
 .Merchant Wholesalers
 42491 .WHL-Farm Supplies Merchant Wholesalers
 4249Z .WHL-Miscellaneous Nondurable Goods Merchant, Except
 .Farm Supplies, Wholesalers
 424M .WHL-Drugs, Druggists' Sundries, And Chemical And Allied
 .Products Merchant Wholesalers
 4251 .WHL-Wholesale Trade 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 Retailers
 44414 .RET-Hardware Retailers
 4441Z .RET-Building Material And Supplies Dealers, Except
 .Hardware Retailers
 4442 .RET-Lawn And Garden Equipment And Supplies Retailers
 44511 .RET-Supermarkets And Other Grocery (Except Convenience)
 .Retailers
 44513 .RET-Convenience Retailers And Vending Machine Operators
 4452 .RET-Specialty Food Retailers
 4453 .RET-Beer, Wine, And Liquor Retailers
 4491 .RET-Furniture And Home Furnishings Retailers
 4492 .RET-Electronics And Appliance Retailers
 4551 .RET-Department Stores
 4552 .RET-Warehouse Clubs, Supercenters, And Other General
 .Merchandise Retailers
 45611 .RET-Pharmacies And Drug Retailers
 4561Z .RET-Health And Personal Care, Except Pharmacies And
 .Drug, Retailers
 4571 .RET-Gasoline Stations
 4572 .RET-Fuel Dealers
 4581 .RET-Clothing And Clothing Accessories Retailers
 4582 .RET-Shoe Retailers
 4583 .RET-Jewelry, Luggage, And Leather Goods retailers
 45913 .RET-Sewing, Needlework, And Piece Goods Retailers
 45914 .RET-Musical Instrument And Supplies Retailers
 4591M .RET-Sporting Goods, And Hobby, Toy, And Game Retailers
 45921 .RET-Book Retailers And News Dealers
 4593 .RET-Florists
 45941 .RET-Office Supplies And Stationery Retailers
 4594Z .RET-Gift, Novelty, And Souvenir Retailers
 4595 .RET-Used Merchandise Retailers
 4599 .RET-Other Miscellaneous Retailers
 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-Transit And Ground Passenger Transportation, Except
 .Taxi And Limousine Service
 486 .TRN-Pipeline Transportation
 487 .TRN-Scenic And Sightseeing Transportation
 488 .TRN-Support Activities For Transportation
 491 .TRN-Postal Service
 492 .TRN-Couriers And Messengers
 493 .TRN-Warehousing And Storage
 5121 .INF-Motion Pictures And Video Industries
 5122 .INF-Sound Recording Industries
 51311 .INF-Newspaper Publishers
 5131Z .INF-Periodical, Book, And Directory And Mailing List,
 .And Other Publishers
 5132 .INF-Software Publishers
 516 .INF-Broadcasting And Content Providers
 517111 .INF-Wired Telecommunications Carriers
 517Z .INF-Telecommunications, Except Wired Telecommunications
 .Carriers
 5182 .INF-Computing Infrastructure Providers, Data
 .Processing, Web Hosting, And Related Services
 51921 .INF-Libraries And Archives
 51929 .INF-Web Search Portals And All Other Information
 .Services
 522M .FIN-Nondepository Credit Intermediation And Related
 .Activities
 5221M .FIN-Credit Unions, And Savings Institutions And Other
 .Depository Credit Intermediation
 5241 .FIN-Insurance Carriers
 5242 .FIN-Agencies, Brokerages, And Other Insurance Related
 .Activities
 52M2 .FIN-Securities, Commodities, Funds, Trusts, And Other
 .Financial Investments
 52M3 .FIN-Monetary Authorities-Central Bank, And Commercial
 .Banking
 531M .FIN-Lessors Of Real Estate, And Offices Of Real Estate
 .Agents And Brokers
 5313 .FIN-Activities Related To Real Estate
 5321 .FIN-Automotive Equipment Rental And Leasing
 532M2 .FIN-Consumer Goods Rental, And General Rental Centers
 53M .FIN-Commercial And Industrial Machinery And Equipment,
 .And Nonfinancial 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,
 .Except Veterinary, 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
.Landscaping Services
561M .PRF-Other Administrative And Other Support Services
562 .PRF-Waste Management And Remediation Services
6111 .EDU-Elementary And Secondary Schools
611M1 .EDU-Junior Colleges, Colleges, Universities, And
.Professional Schools
611M2 .EDU-Business, Trade And Technical Schools, And Computer
.And Management 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 And Other
.Relief Services
6243 .SCA-Vocational Rehabilitation Services
6244 .SCA-Child 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, 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-Food Services And Drinking Places, Except Alcoholic
.Beverages
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-Death Care Services

8123 .SRV-Drycleaning And Laundry Services

8129 .SRV-Other Personal Services

8131 .SRV-Religious Organizations

81393 .SRV-Labor Unions And Similar Labor Organizations

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

92M1 .ADM-Administration Of Environmental Quality, And
.Housing Programs, Urban Planning And Community
.Development

92M2 .ADM-Administration Of Economic Programs And Space
.Research And Technology

92MP .ADM-Justice, Public Order, And Safety Activities

923 .ADM-Administration Of Human Resource Programs

9281P .ADM-National Security And International Affairs

92811P1 .MIL-U.S. Army

92811P2 .MIL-U.S. Air Force

92811P3 .MIL-U.S. Navy

92811P4 .MIL-U.S. Marines

92811P5 .MIL-U.S. Coast Guard

92811P6 .MIL-Armed Forces, Branch Not Specified

92811P7 .MIL-Military Reserves Or National Guard

999920 .Unemployed, With No Work Experience In The Last 5 Years
.Or Earlier Or Never Worked

NATIVITY Character 1

Nativity

- 1 .Native
- 2 .Foreign born

NOP Character 1

Nativity of parent

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

OC Character 1

Own child

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

OCCP

Character 4

Occupation recode for 2018 and later based on 2018 OCC codes
bbbb .N/A (less than 16 years old/NILF who last worked more than
.5 years ago or never worked)
0010 .MGR-Chief Executives And Legislators
0020 .MGR-General And Operations Managers
0040 .MGR-Advertising And Promotions Managers
0051 .MGR-Marketing Managers
0052 .MGR-Sales Managers
0060 .MGR-Public Relations And Fundraising Managers
0101 .MGR-Administrative Services Managers
0102 .MGR-Facilities Managers
0110 .MGR-Computer And Information Systems Managers
0120 .MGR-Financial Managers
0135 .MGR-Compensation And Benefits Managers
0136 .MGR-Human Resources Managers
0137 .MGR-Training And Development Managers
0140 .MGR-Industrial Production Managers
0150 .MGR-Purchasing Managers
0160 .MGR-Transportation, Storage, And Distribution Managers
0205 .MGR-Farmers, Ranchers, And Other Agricultural Managers
0220 .MGR-Construction Managers
0230 .MGR-Education And Childcare Administrators
0300 .MGR-Architectural And Engineering Managers
0310 .MGR-Food Service Managers
0335 .MGR-Entertainment and Recreation Managers
0340 .MGR-Lodging Managers
0350 .MGR-Medical And Health Services Managers
0360 .MGR-Natural Sciences Managers
0410 .MGR-Property, Real Estate, And Community Association
.Managers
0420 .MGR-Social And Community Service Managers
0425 .MGR-Emergency Management Directors
0440 .MGR-Other Managers
0500 .BUS-Agents And Business Managers Of Artists, Performers,
.And Athletes
0510 .BUS-Buyers And Purchasing Agents, Farm Products
0520 .BUS-Wholesale And Retail Buyers, Except Farm Products
0530 .BUS-Purchasing Agents, Except Wholesale, Retail, And Farm
.Products
0540 .BUS-Claims Adjusters, Appraisers, Examiners, And
.Investigators
0565 .BUS-Compliance Officers
0600 .BUS-Cost Estimators
0630 .BUS-Human Resources Workers
0640 .BUS-Compensation, Benefits, And Job Analysis Specialists
0650 .BUS-Training And Development Specialists
0700 .BUS-Logisticians
0705 .BUS-Project Management Specialists
0710 .BUS-Management Analysts
0725 .BUS-Meeting, Convention, And Event Planners
0726 .BUS-Fundraisers
0735 .BUS-Market Research Analysts And Marketing Specialists

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

0	.No earnings
-10000	.Loss of \$10000 or more (Rounded and bottom-coded components)
-9999..-1	.Loss \$1 to \$9999 (Rounded components)
1..1999998	.\$1 to \$1999998 (Rounded and top-coded components)

PINCP **Numeric** **7**

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

POBP **Character** **3**

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

042 .Pennsylvania/PA
044 .Rhode Island/RI
045 .South Carolina/SC
046 .South Dakota/SD
047 .Tennessee/TN
048 .Texas/TX
049 .Utah/UT
050 .Vermont/VT
051 .Virginia/VA
053 .Washington/WA
054 .West Virginia/WV
055 .Wisconsin/WI
056 .Wyoming/WY
060 .American Samoa
066 .Guam
069 .Commonwealth of the Northern Mariana Islands
072 .Puerto Rico
078 .US Virgin Islands
100 .Albania
102 .Austria
103 .Belgium
104 .Bulgaria
105 .Czechoslovakia
106 .Denmark
108 .Finland
109 .France
110 .Germany
116 .Greece
117 .Hungary
118 .Iceland
119 .Ireland
120 .Italy
126 .Netherlands
127 .Norway
128 .Poland
129 .Portugal
130 .Azores Islands
132 .Romania
134 .Spain
136 .Sweden
137 .Switzerland
138 .United Kingdom, Not Specified
139 .England
140 .Scotland
142 .Northern Ireland
147 .Yugoslavia
148 .Czech Republic
149 .Slovakia
150 .Bosnia and Herzegovina
151 .Croatia
152 .Macedonia
154 .Serbia
156 .Latvia
157 .Lithuania
158 .Armenia
159 .Azerbaijan
160 .Belarus

161 .Georgia
162 .Moldova
163 .Russia
164 .Ukraine
165 .USSR
166 .Europe
167 .Kosovo
168 .Montenegro
169 .Other Europe, Not Specified
200 .Afghanistan
202 .Bangladesh
203 .Bhutan
205 .Myanmar
206 .Cambodia
207 .China
209 .Hong Kong
210 .India
211 .Indonesia
212 .Iran
213 .Iraq
214 .Israel
215 .Japan
216 .Jordan
217 .Korea
218 .Kazakhstan
219 .Kyrgyzstan
222 .Kuwait
223 .Laos
224 .Lebanon
226 .Malaysia
228 .Mongolia
229 .Nepal
231 .Pakistan
233 .Philippines
235 .Saudi Arabia
236 .Singapore
238 .Sri Lanka
239 .Syria
240 .Taiwan
242 .Thailand
243 .Turkey
245 .United Arab Emirates
246 .Uzbekistan
247 .Vietnam
248 .Yemen
249 .Asia
253 .South Central Asia, Not Specified
254 .Other Asia, Not Specified
300 .Bermuda
301 .Canada
303 .Mexico
310 .Belize
311 .Costa Rica
312 .El Salvador
313 .Guatemala
314 .Honduras
315 .Nicaragua

316 .Panama
321 .Antigua and Barbuda
323 .Bahamas
324 .Barbados
327 .Cuba
328 .Dominica
329 .Dominican Republic
330 .Grenada
332 .Haiti
333 .Jamaica
338 .St. Kitts-Nevis
339 .St. Lucia
340 .St. Vincent and the Grenadines
341 .Trinidad and Tobago
343 .West Indies
344 .Caribbean, Not Specified
360 .Argentina
361 .Bolivia
362 .Brazil
363 .Chile
364 .Colombia
365 .Ecuador
368 .Guyana
369 .Paraguay
370 .Peru
372 .Uruguay
373 .Venezuela
374 .South America
399 .Americas, Not Specified
400 .Algeria
407 .Cameroon
408 .Cabo Verde
412 .Congo
414 .Egypt
416 .Ethiopia
417 .Eritrea
420 .Gambia
421 .Ghana
423 .Guinea
425 .Ivory Coast
427 .Kenya
429 .Liberia
430 .Libya
436 .Morocco
440 .Nigeria
442 .Rwanda
444 .Senegal
447 .Sierra Leone
448 .Somalia
449 .South Africa
451 .Sudan
453 .Tanzania
454 .Togo
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

POWPUMA Character 5

Place of work PUMA based on 2020 Census definition

bbbbb .N/A (not a worker-not in the labor force, including
 .persons under 16 years; unemployed; civilian
 .employed, with a job not at work; Armed Forces,
 .with a job but not at work)
 00001 .Did not work in the United States or in Puerto Rico
 00100..81000 .Assigned Place of work PUMA. Use with POWSP.

POWSP Character 3

Place of work - State or foreign country recode

bbb .N/A (not a worker-not in the labor force, including persons
 .under 16 years; unemployed; employed, with a job not at
 .work; Armed Forces, with a job but not at work)
 001 .Alabama/AL
 002 .Alaska/AK
 004 .Arizona/AZ
 005 .Arkansas/AR
 006 .California/CA
 008 .Colorado/CO
 009 .Connecticut/CT
 010 .Delaware/DE
 011 .District of Columbia/DC
 012 .Florida/FL
 013 .Georgia/GA
 015 .Hawaii/HI
 016 .Idaho/ID
 017 .Illinois/IL
 018 .Indiana/IN
 019 .Iowa/IA
 020 .Kansas/KS
 021 .Kentucky/KY
 022 .Louisiana/LA
 023 .Maine/ME

024 .Maryland/MD
 025 .Massachusetts/MA
 026 .Michigan/MI
 027 .Minnesota/MN
 028 .Mississippi/MS
 029 .Missouri/MO
 030 .Montana/MT
 031 .Nebraska/NE
 032 .Nevada/NV
 033 .New Hampshire/NH
 034 .New Jersey/NJ
 035 .New Mexico/NM
 036 .New York/NY
 037 .North Carolina/NC
 038 .North Dakota/ND
 039 .Ohio/OH
 040 .Oklahoma/OK
 041 .Oregon/OR
 042 .Pennsylvania/PA
 044 .Rhode Island/RI
 045 .South Carolina/SC
 046 .South Dakota/SD
 047 .Tennessee/TN
 048 .Texas/TX
 049 .Utah/UT
 050 .Vermont/VT
 051 .Virginia/VA
 053 .Washington/WA
 054 .West Virginia/WV
 055 .Wisconsin/WI
 056 .Wyoming/WY
 072 .Puerto Rico
 166 .Europe
 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 4**

Recoded detailed race code

- 1000 .White alone
- 3000 .Black or African American alone
- 4000 .Chinese, except Taiwanese alone
- 4001 .Hmong alone
- 4002 .Japanese alone
- 4003 .Korean alone
- 4004 .Mongolian alone
- 4005 .Taiwanese alone
- 4006 .Burmese alone
- 4007 .Cambodian alone
- 4008 .Filipino alone
- 4009 .Indonesian alone
- 4010 .Laotian alone
- 4011 .Malaysian alone
- 4012 .Mien alone
- 4013 .Thai alone
- 4014 .Vietnamese alone
- 4015 .Asian Indian alone
- 4016 .Bangladeshi alone
- 4017 .Bhutanese alone
- 4018 .Nepalese alone
- 4019 .Pakistani alone
- 4020 .Sikh alone
- 4021 .Sri Lankan alone
- 4023 .Kazakh alone
- 4024 .Uzbek alone
- 4025 .Other Asian alone and all Asian combinations
- 5000 .Blackfeet Tribe of the Blackfeet Indian Reservation of
.Montana alone
- 5001 .Cherokee Nation alone
- 5002 .Cheyenne River Sioux Tribe of the Cheyenne River
.Reservation, South Dakota alone
- 5003 .Crow Tribe of Montana alone
- 5004 .Hopi Tribe of Arizona alone
- 5005 .Lumbee Tribe of North Carolina alone
- 5006 .Navajo Nation alone
- 5007 .Oglala Sioux Tribe alone
- 5008 .Pascua Yaqui Tribe of Arizona alone
- 5009 .Rosebud Sioux Tribe of the Rosebud Indian Reservation,
.South Dakota alone
- 5010 .The Chickasaw Nation alone

5011 .The Muscogee (Creek) Nation alone
 5012 .Tohono O'odham Nation of Arizona alone
 5013 .All other American Indian tribes alone
 5014 .American Indian alone, not specified
 5015 .Aztec alone
 5016 .Inca alone
 5017 .Maya alone
 5018 .Mixtec alone
 5019 .Taino alone
 5020 .Tarasco (Purepecha) alone
 5021 .All other Latin American Indian alone
 5022 .Alaska Native tribes and villages alone
 5023 .Alaska Native alone, not specified
 5024 .Other specified American Indian and Alaska Native
 .combinations
 5025 .American Indian and Alaska Native alone, not specified
 7500 .Native Hawaiian alone
 7501 .Samoan alone
 7502 .Tongan alone
 7503 .Chamorro alone
 7504 .Chuukese alone
 7505 .Guamanian alone
 7506 .Marshallese alone
 7507 .Fijian alone
 7508 .Other Native Hawaiian and Other Pacific Islander (NHPI)
 .alone and all NHPI combinations
 8000 .Some Other Race alone
 9000 .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

RACIAIAN Character 1

American Indian and Alaska Native recode (American Indian and Alaska
Native alone or in combination with one or more other races)

- 0 .No
- 1 .Yes

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

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

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

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

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

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

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

RC **Character 1**
Related child
b .N/A (in GQ)
0 .No
1 .Yes

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

SCIENGRLP **Character 1**
Field of Degree Science and Engineering Related Flag - NSF Definition
b .N/A (less than bachelor's degree)
1 .Yes

2 .No

SFN **Character 1**

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

SFR **Character 1**

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

SOCP **Character 6**

Standard Occupational Classification (SOC) codes for 2018 and later based on 2018 SOC codes
bbbbbb .N/A (less than 16 years old/NILF who last worked more than 5 years ago or never worked)
1110XX .MGR-Chief Executives And Legislators
111021 .MGR-General And Operations Managers
112011 .MGR-Advertising And Promotions Managers
112021 .MGR-Marketing Managers
112022 .MGR-Sales Managers
112030 .MGR-Public Relations And Fundraising Managers
113012 .MGR-Administrative Services Managers
113013 .MGR-Facilities Managers
113021 .MGR-Computer And Information Systems Managers
113031 .MGR-Financial Managers
113111 .MGR-Compensation And Benefits Managers
113121 .MGR-Human Resources Managers
113131 .MGR-Training And Development Managers
113051 .MGR-Industrial Production Managers
113061 .MGR-Purchasing Managers
113071 .MGR-Transportation, Storage, And Distribution Managers
119013 .MGR-Farmers, Ranchers, And Other Agricultural Managers
119021 .MGR-Construction Managers
119030 .MGR-Education And Childcare Administrators
119041 .MGR-Architectural And Engineering Managers
119051 .MGR-Food Service Managers
119070 .MGR-Entertainment And Recreation Managers
119081 .MGR-Lodging Managers
119111 .MGR-Medical And Health Services Managers
119121 .MGR-Natural Sciences Managers
119141 .MGR-Property, Real Estate, And Community Association Managers
119151 .MGR-Social And Community Service Managers
119161 .MGR-Emergency Management Directors
1191XX .MGR-Other Managers
131011 .BUS-Agents And Business Managers Of Artists, Performers, And Athletes

131021 .BUS-Buyers And Purchasing Agents, Farm Products
131022 .BUS-Wholesale And Retail Buyers, Except Farm Products
131023 .BUS-Purchasing Agents, Except Wholesale, Retail, And Farm
.Products
131030 .BUS-Claims Adjusters, Appraisers, Examiners, And
.Investigators
131041 .BUS-Compliance Officers
131051 .BUS-Cost Estimators
131070 .BUS-Human Resources Workers
131081 .BUS-Logisticians
131082 .BUS-Project Management Specialists
131111 .BUS-Management Analysts
131121 .BUS-Meeting, Convention, And Event Planners
131131 .BUS-Fundraisers
131141 .BUS-Compensation, Benefits, And Job Analysis Specialists
131151 .BUS-Training And Development Specialists
131161 .BUS-Market Research Analysts And Marketing Specialists
131199 .BUS-Business Operations Specialists, All Other
132011 .FIN-Accountants And Auditors
132020 .FIN-Property Appraisers And Assessors
132031 .FIN-Budget Analysts
132041 .FIN-Credit Analysts
132051 .FIN-Financial And Investment Analysts
132052 .FIN-Personal Financial Advisors
132053 .FIN-Insurance Underwriters
132061 .FIN-Financial Examiners
132070 .FIN-Credit Counselors And Loan Officers
132081 .FIN-Tax Examiners And Collectors, And Revenue Agents
132082 .FIN-Tax Preparers
1320XX .FIN-Other Financial Specialists
151221 .CMM-Computer And Information Research Scientists
151211 .CMM-Computer Systems Analysts
151212 .CMM-Information Security Analysts
151251 .CMM-Computer Programmers
151252 .CMM-Software Developers
151253 .CMM-Software Quality Assurance Analysts And Testers
151254 .CMM-Web Developers
151255 .CMM-Web And Digital Interface Designers
151230 .CMM-Computer Support Specialists
15124X .CMM-Database Administrators And Architects
151244 .CMM-Network And Computer Systems Administrators
151241 .CMM-Computer Network Architects
151299 .CMM-Computer Occupations, All Other
152011 .CMM-Actuaries
152031 .CMM-Operations Research Analysts
1520XX .CMM-Other Mathematical Science Occupations
171011 .ENG-Architects, Except Landscape And Naval
171012 .ENG-Landscape Architects
171020 .ENG-Surveyors, Cartographers, And Photogrammetrists
172011 .ENG-Aerospace Engineers
1720XX .ENG-Biomedical And Agricultural Engineers
172041 .ENG-Chemical Engineers
172051 .ENG-Civil Engineers
172061 .ENG-Computer Hardware Engineers
172070 .ENG-Electrical And Electronics Engineers
172081 .ENG-Environmental Engineers
172110 .ENG-Industrial Engineers, Including Health And Safety

172121 .ENG-Marine Engineers And Naval Architects
 172131 .ENG-Materials Engineers
 172141 .ENG-Mechanical Engineers
 1721XX .ENG-Petroleum, Mining And Geological Engineers, Including
 .Mining Safety Engineers
 1721YY .ENG-Other Engineers
 173011 .ENG-Architectural And Civil Drafters
 17301X .ENG-Other Drafters
 173023 .ENG-Electrical and Electronic Engineering Technologists
 .And Technicians
 17302X .ENG-Other Engineering Technologists And Technicians,
 .Except Drafters
 173031 .ENG-Surveying And Mapping Technicians
 191010 .SCI-Agricultural And Food Scientists
 191020 .SCI-Biological Scientists
 191030 .SCI-Conservation Scientists And Foresters
 1910XX .SCI-Other Life Scientists
 192010 .SCI-Astronomers And Physicists
 192021 .SCI-Atmospheric And Space Scientists
 192030 .SCI-Chemists And Materials Scientists
 192041 .SCI-Environmental Scientists And Specialists, Including
 .Health
 19204X .SCI-Geoscientists And Hydrologists, Except Geographers
 192099 .SCI-Physical Scientists, All Other
 193011 .SCI-Economists
 193033 .SCI-Clinical And Counseling Psychologists
 193034 .SCI-School Psychologists
 19303X .SCI-Other Psychologists
 193051 .SCI-Urban And Regional Planners
 1930XX .SCI-Other Social Scientists
 194010 .SCI-Agricultural And Food Science Technicians
 194021 .SCI-Biological Technicians
 194031 .SCI-Chemical Technicians
 1940XX .SCI-Environmental Science And Geoscience Technicians, And
 .Nuclear Technicians
 1940YY .SCI-Other Life, Physical, And Social Science Technicians
 195010 .SCI-Occupational Health And Safety Specialists And
 .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 (POBP = 001-059)
 2 .PR and US Island Areas (POBP = 061-099)
 3 .Latin America (POBP = 303,310-399)
 4 .Asia (POBP = 158-159,161,200-299)
 5 .Europe (POBP = 100-157,160,162-199)
 6 .Africa (POBP = 400-499)
 7 .Northern America (POBP = 300-302,304-309)
 8 .Oceania and at Sea (POBP = 060,500-554)

PERSON RECORD-ALLOCATION FLAGS

FAGEP Character 1

Age allocation flag

0 .No
 1 .Yes

FANCP Character 1

Ancestry allocation flag

0 .No
 1 .Yes

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FHINS4P **Character** **1**
Medicaid, medical assistance, or any kind of government-assistance plan
for people with low incomes or a disability allocation flag
0 .No
1 .Yes

FHINS5C **Character** **1**
TRICARE coverage given through the eligibility coverage edit
b .Does not have TRICARE coverage (HINS5=2)
0 .No
1 .Yes

FHINS5P **Character** **1**
TRICARE or other military health care allocation flag
0 .No
1 .Yes

FHINS6P **Character** **1**
VA (enrolled for VA health care) allocation flag
0 .No
1 .Yes

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FMIGSP **Character** **1**
Migration state and 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 past 12 months allocation flag
0 .No
1 .Yes

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

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

PERSON RECORD-REPLICATE WEIGHTS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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