

2014-2018 ACS PUMS DATA DICTIONARY
January 30, 2020

HOUSING RECORD

HOUSING RECORD-BASIC VARIABLES

RT Character 1

Record Type

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

SERIALNO Character 13

Housing unit/GQ person serial number

- 2014000000001..2017999999999 .Unique identifier (2014-2017)
- 2018GQ0000001..2018GQ9999999 .GQ Unique identifier (after 2017)
- 2018HU0000001..2018HU9999999 .HU Unique identifier (after 2017)

DIVISION Character 1

Division code based on 2010 Census definitions

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

PUMA Character 5

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

REGION Character 1

Region code based on 2010 Census definitions

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

ST Character 2

State code based on 2010 Census definitions

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

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

ADJHSG Character 7

Adjustment factor for housing dollar amounts (6 implied decimal places)

1061728 .2014 factor
1059903 .2015 factor
1046406 .2016 factor
1024377 .2017 factor
1000000 .2018 factor

ADJINC Character 7
 Adjustment factor for income and earnings dollar amounts (6 implied decimal places)
 1070673 .2014 factor (1.008425 * 1.06172840)
 1061242 .2015 factor (1.001264 * 1.05990255)
 1054346 .2016 factor (1.007588 * 1.04640634)
 1035838 .2017 factor (1.011189 * 1.02437673)
 1013097 .2018 factor (1.013097 * 1.00000000)

WGTP Numeric 5
 Housing Unit Weight
 0 .Group Quarter placeholder record
 1..9999 .Integer weight of housing unit

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

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

HOUSING RECORD-HOUSING UNIT VARIABLES

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

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

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

6 .\$.10000+

BATH **Character** 1

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

BDSP **Numeric** 2

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

BLD **Character** 2

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

BUS **Character** 1

Business or medical office on property
b .N/A (GQ/not a one-family house or mobile home)
1 .Yes
2 .No
9 .Case is from 2016 or later

BROADBND **Character** 1

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

COMPOTHX **Character** 1

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

CONP **Numeric** 4

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

DIALUP **Character** 1

Dial-up service
b .N/A (GQ/vacant/no paid access to the internet)
1 .Yes

2 .No

ELEFP Character 1

Electricity cost flag variable

- b .N/A (GQ/vacant) 1 Included in rent or in condo fee
- 2 .No charge or electricity not used
- 3 .Valid monthly electricity cost in ELEP

ELEP Numeric 3

Electricity cost (monthly cost, use ADJHSG to adjust ELEP to constant dollars)

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

FS Character 1

Yearly food stamp/Supplemental Nutrition Assistance Program (SNAP) recipiency

- b .N/A (vacant)
- 1 .Yes
- 2 .No

FULFP Character 1

Fuel cost flag variable

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

FULP Numeric 4

Fuel cost (yearly cost for fuels other than gas and electricity, use ADJHSG to adjust FULP to constant dollars)

- bbbb .N/A (GQ/vacant/included in rent or in condo fee/no charge or fuel other than gas or electricity not used)
- 3..9999 .\$.3 to \$9999 (Rounded and top-coded)

GASFP Character 1

Gas cost flag variable

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

GASP Numeric 3

Gas cost (monthly cost, use ADJHSG to adjust GASP to constant dollars)

- bbb .N/A (GQ/vacant/included in rent or in condo fee/included in electricity payment/no charge or gas not used)
- 4..999 .\$.4 to \$999 (Rounded and top-coded)

HFL Numeric 1

House heating fuel

- b .N/A (GQ/vacant)
- 1 .Utility gas

2 .Bottled, tank, or LP gas
3 .Electricity
4 .Fuel oil, kerosene, etc.
5 .Coal or coke
6 .Wood
7 .Solar energy
8 .Other fuel
9 .No fuel used

HISPEED Character 1

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

HOTWAT Character 1

Water heater (Puerto Rico only)
b .N/A (GQ)
1 .Yes
2 .No
9 .Case is from the United States or collected in 2013, HOTWAT
.not applicable

INSP Numeric 5

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

LAPTOP Character 1

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

MHP Numeric 5

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

MRGI Character 1

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

MRGP Numeric 5

First mortgage payment (monthly amount, use ADJHSG to adjust MRGP to
constant dollars)
bbbbb .N/A (GQ/vacant/not owned or being bought/not
.mortgaged)

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

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

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

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

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

RMSP Numeric 2
 Number of rooms
 bb .N/A (GQ)
 0..99 .Rooms (Top-coded)

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

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

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

RWATPR Character 1
 Running water
 b .N/A (GQ)

1 .Yes
2 .No
9 .Case is from the United States, RWATPR not applicable

SATELLITE Character 1

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

SINK Character 1

Sink with a faucet
b .N/A (GQ)
1 .Yes
2 .No

SMARTPHONE Character 1

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

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

STOV Character 1

Stove or range
b .N/A (GQ)
1 .Yes
2 .No

TABLET Character 1

Tablet or other portable wireless computer
b .N/A (GQ/vacant)
1 .Yes
2 .No

TEL Character 1

Telephone service
b .N/A (GQ/vacant)
1 .Yes
2 .No
8 .Suppressed for data years 2015 and 2016 for selected PUMAs

TEN Character 1

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

TOIL **Character** 1
 Flush toilet
 b .N/A (GQ)
 1 .Yes
 2 .No
 9 .Case is from 2016 or later

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

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

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

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

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

YBL **Character** 2
 When structure first built
 bb .N/A (GQ)
 01 .1939 or earlier
 02 .1940 to 1949
 03 .1950 to 1959
 04 .1960 to 1969

05 .1970 to 1979
06 .1980 to 1989
07 .1990 to 1999
08 .2000 to 2004
09 .2005
10 .2006
11 .2007
12 .2008
13 .2009
14 .2010
15 .2011
16 .2012
17 .2013
18 .2014
19 .2015
20 .2016
21 .2017
22 .2018

HOUSING RECORD-HOUSEHOLD VARIABLES

FES Character 1

Family type and employment status

- b .N/A (GQ/vacant/not a family/same-sex married-couple families)
- 1 .Married-couple family: Husband and wife in LF
- 2 .Married-couple family: Husband in labor force, wife not in LF
- 3 .Married-couple family: Husband not in LF, wife in LF
- 4 .Married-couple family: Neither husband nor wife in LF
- 5 .Other family: Male householder, no wife present, in LF
- 6 .Other family: Male householder, no wife present, not in LF
- 7 .Other family: Female householder, no husband present, in LF
- 8 .Other family: Female householder, no husband present, not in LF

FINCP Numeric 8

Family income (past 12 months, use ADJINC to adjust FINCP to constant dollars)

- bbbbbbbb .N/A (GQ/vacant)
- 0 .No family income
- 59999 .Loss of \$59,999 or more
- 59998..-1 .Loss of \$1 to \$59,998
- 1..99999999 .Total family income in dollars (Components are rounded)

FPARC Character 1

Family presence and age of related children

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

GRNTP Numeric 5

Gross rent (monthly amount, use ADJHSG to adjust GRNTP to constant dollars)

bbbbb .N/A (GQ/vacant/owned or being bought/occupied
.without rent payment)
1..99999 .\$.1 - \$.99999 (Components are rounded)

GRPIP Numeric 3

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

HHL Character 1

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

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

HINCP Numeric 8

Household income (past 12 months, use ADJINC to adjust HINCP to
constant dollars)
bbbbbbbb .N/A (GQ/vacant)
0 .No household income
-59999 .Loss of \$59,999 or more
-5998...-1 .Loss of \$1 to \$59,998
1..99999999 .Total household income in dollars (Components
.are rounded)

HUGCL Character 1

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

HUPAC Character 1

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

HUPAOC Character 1

HH presence and age of own children

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

HUPARC Character 1

HH presence and age of related children

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

KIT Character 1

Complete kitchen facilities

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

LNGI Character 1

Limited English speaking household

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

MULTG Character 1

Multigenerational household

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

MV Character 1

When moved into this house or apartment

- b .N/A (GQ/vacant)
- 1 .12 months or less
- 2 .13 to 23 months
- 3 .2 to 4 years
- 4 .5 to 9 years
- 5 .10 to 19 years
- 6 .20 to 29 years
- 7 .30 years or more

NOC Numeric 2

Number of own children in household (unweighted)

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

NPF Numeric 2

Number of persons in family (unweighted)

- bb .N/A (GQ/vacant/non-family household)

2..20 .Number of persons in family

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

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

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

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

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

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

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

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

1 .1 or more subfamilies

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

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

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

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

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

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

SRNT Character 1
 Specified rental unit
 b .N/A (GQ/vacant units, except "for rent" 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

SSMC Character 1
 Same-sex married couple households
 b .N/A (GQ/vacant)
 0 .Households without a same-sex married couple

- 1 .Same-sex married-couple household where not all relevant data shown as reported
- 2 .All other same-sex married-couple households

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, use ADJHSG to adjust TAXAMT to constant dollars)

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

WIF **Character 1**
 Workers in family during the past 12 months

- b .N/A (GQ/vacant/non-family household)
- 0 .No workers
- 1 .1 worker
- 2 .2 workers
- 3 .3 or more workers in family

WKEXREL **Character 2**
 Work experience of householder and spouse

- bb .N/A (GQ/vacant/not a family)
- 01 .Householder and spouse worked FT
- 02 .Householder worked FT; spouse worked < FT
- 03 .Householder worked FT; spouse did not work
- 04 .Householder worked < FT; spouse worked FT
- 05 .Householder worked < FT; spouse worked < FT
- 06 .Householder worked < FT; spouse did not work
- 07 .Householder did not work; spouse worked FT
- 08 .Householder did not work; spouse worked < FT
- 09 .Householder did not work; spouse did not work
- 10 .Male householder worked FT; no spouse present
- 11 .Male householder worked < 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 < 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

FBUSP **Character 1**
Business or medical office on property allocation flag
b .N/A (GQ)
0 .No
1 .Yes

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

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

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

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

FFSP **Character 1**
Yearly food stamp/Supplemental Nutrition Assistance Program (SNAP) recipiency allocation flag
0 .No
1 .Yes

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FSMARTPHONP **Character 1**
 Smartphone allocation flag

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

FSMOCP Character 1
 Selected monthly owner cost allocation flag
 b .N/A (GQ)
 0 .No
 1 .Yes

FSMP Character 1
 Total payment on second and junior mortgages and home equity loans
 (monthly amount) allocation flag
 b .N/A (GQ)
 0 .No
 1 .Yes

FSMXHP Character 1
 Home equity loan status allocation flag
 b .N/A (GQ)
 0 .No
 1 .Yes

FSMXSP Character 1
 Second mortgage status allocation flag
 b .N/A (GQ)
 0 .No
 1 .Yes

FSTOVP Character 1
 Stove or range allocation flag
 b .N/A (GQ)
 0 .No
 1 .Yes

FTABLETP Character 1
 Tablet or other portable wireless computer allocation flag
 b .N/A (GQ)
 0 .No
 1 .Yes

FTAXP Character 1
 Property taxes (yearly amount) allocation flag
 b .N/A (GQ)
 0 .No
 1 .Yes

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

FTENP Character 1
 Tenure allocation flag
 b .N/A (GQ)

0 .No
 1 .Yes

FTOILP **Character 1**
 Flush toilet allocation flag
 b .N/A (GQ)
 0 .No
 1 .Yes

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

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

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

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

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

HOUSING RECORD-REPLICATE WEIGHTS

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

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

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

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

```

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

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

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

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

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

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

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

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

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

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

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

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

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

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

```

```

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

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

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

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

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

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

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

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

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

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

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

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

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

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

```

```

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

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

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

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

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

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

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

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

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

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

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

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

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

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

```

```

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

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

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

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

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

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

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

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

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

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

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

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

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

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

```

```

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

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

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

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

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

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

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

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

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

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

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

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

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

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

```

```

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

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

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

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

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

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

```

PERSON RECORD

PERSON RECORD-BASIC VARIABLES

```

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

SERIALNO  Character 13
Housing unit/GQ person serial number
    2014000000001..2017999999999 .Unique identifier (2014-2017)
    2018GQ0000001..2018GQ9999999 .GQ Unique identifier (after 2017)
    2018HU0000001..2018HU9999999 .HU Unique identifier (after 2017)

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

SPORDER   Character  2
Person number
    01..20 .Person number

```

PUMA Character 5

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

REGION Character 1

Region code based on 2010 Census definitions

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

ST Character 2

State code based on 2010 Census definitions

- 01 .Alabama/AL
- 02 .Alaska/AK
- 04 .Arizona/AZ
- 05 .Arkansas/AR
- 06 .California/CA
- 08 .Colorado/CO
- 09 .Connecticut/CT
- 10 .Delaware/DE
- 11 .District of Columbia/DC
- 12 .Florida/FL
- 13 .Georgia/GA
- 15 .Hawaii/HI
- 16 .Idaho/ID
- 17 .Illinois/IL
- 18 .Indiana/IN
- 19 .Iowa/IA
- 20 .Kansas/KS
- 21 .Kentucky/KY
- 22 .Louisiana/LA
- 23 .Maine/ME
- 24 .Maryland/MD
- 25 .Massachusetts/MA
- 26 .Michigan/MI
- 27 .Minnesota/MN
- 28 .Mississippi/MS
- 29 .Missouri/MO
- 30 .Montana/MT
- 31 .Nebraska/NE
- 32 .Nevada/NV
- 33 .New Hampshire/NH
- 34 .New Jersey/NJ
- 35 .New Mexico/NM
- 36 .New York/NY
- 37 .North Carolina/NC
- 38 .North Dakota/ND
- 39 .Ohio/OH
- 40 .Oklahoma/OK
- 41 .Oregon/OR
- 42 .Pennsylvania/PA
- 44 .Rhode Island/RI
- 45 .South Carolina/SC
- 46 .South Dakota/SD

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

ADJINC Character 7

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

1070673 .2014 factor (1.008425 * 1.06172840)
 1061242 .2015 factor (1.001264 * 1.05990255)
 1054346 .2016 factor (1.007588 * 1.04640634)
 1035838 .2017 factor (1.011189 * 1.02437673)
 1013097 .2018 factor (1.013097 * 1.00000000)

PWGTP Numeric 5

Person weight
1..9999 .Integer weight of person

PERSON RECORD-PERSON VARIABLES

AGEP Numeric 2

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

CIT Character 1

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

CITWP Numeric 4

Year of naturalization write-in
bbbb .Not eligible - not naturalized
1939 .1939 or earlier (Bottom-coded)
1940 .1940 - 1944
1945 .1945 - 1947
1948 .1948 - 1949
1950 .1950
1951 .1951
1952 .1952
1953 .1953
1954 .1954
1955 .1955
1956 .1956
1957 .1957
1958 .1958

1959 .1959
1960 .1960
1961 .1961
1962 .1962
1963 .1963
1964 .1964
1965 .1965
1966 .1966
1967 .1967
1968 .1968
1969 .1969
1970 .1970
1971 .1971
1972 .1972
1973 .1973
1974 .1974
1975 .1975
1976 .1976
1977 .1977
1978 .1978
1979 .1979
1980 .1980
1981 .1981
1982 .1982
1983 .1983
1984 .1984
1985 .1985
1986 .1986
1987 .1987
1988 .1988
1989 .1989
1990 .1990
1991 .1991
1992 .1992
1993 .1993
1994 .1994
1995 .1995
1996 .1996
1997 .1997
1998 .1998
1999 .1999
2000 .2000
2001 .2001
2002 .2002
2003 .2003
2004 .2004
2005 .2005
2006 .2006
2007 .2007
2008 .2008
2009 .2009
2010 .2010
2011 .2011
2012 .2012
2013 .2013
2014 .2014
2015 .2015

2016 .2016
2017 .2017
2018 .2018

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

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

DEAR Character 1
Hearing difficulty
1 .Yes
2 .No

DEYE Character 1
Vision difficulty
1 .Yes
2 .No

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

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

DRAT Character 1
Veteran service connected disability rating (percentage)
b .N/A (No service-connected disability/never served in military)
1 .0 percent
2 .10 or 20 percent

- 3 .30 or 40 percent
- 4 .50 or 60 percent
- 5 .70, 80, 90, or 100 percent
- 6 .Not reported

DRATX Character 1

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

DREM Character 1

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

ENG Character 1

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

FER Character 1

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

GCL Character 1

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

GCM Character 1

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

GCR Character 1

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

HINS1 Character 1

Insurance through a current or former employer or union

1 .Yes
 2 .No

HINS2 Character 1
 Insurance purchased directly from an insurance company
 1 .Yes
 2 .No

HINS3 Character 1
 Medicare, for people 65 and older, or people with certain disabilities
 1 .Yes
 2 .No

HINS4 Character 1
 Medicaid, Medical Assistance, or any kind of government-assistance plan
 for those with low incomes or a disability
 1 .Yes
 2 .No

HINS5 Character 1
 TRICARE or other military health care
 1 .Yes
 2 .No

HINS6 Character 1
 VA (including those who have ever used or enrolled for VA health care)
 1 .Yes
 2 .No

HINS7 Character 1
 Indian Health Service
 1 .Yes
 2 .No

INTP Numeric 6
 Interest, dividends, and net rental income past 12 months (signed, use
 ADJINC to adjust to constant dollars)
 bbbbbbb .N/A (less than 15 years old)
 0 .None
 -10000..-4 .Loss \$4 to \$10000 (Rounded and bottom-coded)
 000001..999999 .\$.1 to \$999999 (Rounded and top-coded)

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

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

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

JWTR 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 or trolley bus
03 .Streetcar or trolley car (carro publico in Puerto Rico)
04 .Subway or elevated
05 .Railroad
06 .Ferryboat
07 .Taxicab
08 .Motorcycle
09 .Bicycle
10 .Walked
11 .Worked at home
12 .Other method

LANX Character 1

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

MAR Character 1

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

MARHD Character 1

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

MARHM Character 1

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

MARHT Character 1

Number of times married
b .N/A (age less than 15 years; never married)
1 .One time
2 .Two times

3 .Three or more times

MARHW	Character	1
	Widowed in the past 12 months	
b	.N/A (age less than 15 years; never married)	
1	.Yes	
2	.No	
MARHYP	Numeric	4
Year	last married	
bbbb	.N/A (age less than 15 years; never married)	
1937	.1937 or earlier (Bottom-coded)	
1938	.1938	
1939	.1939	
1940	.1940	
1941	.1941	
1942	.1942	
1943	.1943	
1944	.1944	
1945	.1945	
1946	.1946	
1947	.1947	
1948	.1948	
1949	.1949	
1950	.1950	
1951	.1951	
1952	.1952	
1953	.1953	
1954	.1954	
1955	.1955	
1956	.1956	
1957	.1957	
1958	.1958	
1959	.1959	
1960	.1960	
1961	.1961	
1962	.1962	
1963	.1963	
1964	.1964	
1965	.1965	
1966	.1966	
1967	.1967	
1968	.1968	
1969	.1969	
1970	.1970	
1971	.1971	
1972	.1972	
1973	.1973	
1974	.1974	
1975	.1975	
1976	.1976	
1977	.1977	
1978	.1978	
1979	.1979	
1980	.1980	
1981	.1981	
1982	.1982	

1983 .1983
1984 .1984
1985 .1985
1986 .1986
1987 .1987
1988 .1988
1989 .1989
1990 .1990
1991 .1991
1992 .1992
1993 .1993
1994 .1994
1995 .1995
1996 .1996
1997 .1997
1998 .1998
1999 .1999
2000 .2000
2001 .2001
2002 .2002
2003 .2003
2004 .2004
2005 .2005
2006 .2006
2007 .2007
2008 .2008
2009 .2009
2010 .2010
2011 .2011
2012 .2012
2013 .2013
2014 .2014
2015 .2015
2016 .2016
2017 .2017
2018 .2018

MIG Character 1

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

MIL Character 1

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

MLPA Character 1

Served September 2001 or later
b .N/A (Less than 17 years old/no active duty)
0 .Did not serve this period
1 .Served this period

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

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

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

MLPFG Character 1
Served February 1955 - July 1964
b .N/A (less than 17 years old/no active duty)
0 .Did not serve this period
1 .Served this period

MLPH Character 1
Served Korean War (July 1950 - January 1955)
b .N/A (Less than 17 years old/no active duty)
0 .Did not serve this period
1 .Served this period

MLPI Character 1
Served January 1947 - June 1950
b .N/A (Less than 17 years old/no active duty)
0 .Did not serve this period
1 .Served this period

MLPJ Character 1
Served World War II (December 1941 - December 1946)
b .N/A (Less than 17 years old/no active duty)
0 .Did not serve this period
1 .Served this period

MLPK Character 1
Served November 1941 or earlier
b .N/A (Less than 17 years old/no active duty)
0 .Did not serve this period
1 .Served this period

NWAB Character 1
Temporary absence from work (Unedited-See "Employment Status Recode"
(ESR))
b .N/A (less than 16 years old/at work/on layoff)
1 .Yes
2 .No
3 .Did not report

NWAV Character 1
 Available for work (Unedited-See "Employment Status Recode" (ESR))
 b .N/A (less than 16 years/at work/not looking)
 1 .Yes
 2 .No, temporarily ill
 3 .No, other reasons
 4 .No, unspecified
 5 .Did not report

NWLA Character 1
 On layoff from work (Unedited-See "Employment Status Recode" (ESR))
 b .N/A (less than 16 years old/at work)
 1 .Yes
 2 .No
 3 .Did not report

NWLK Character 1
 Looking for work (Unedited-See "Employment Status Recode" (ESR))
 b .N/A (less than 16 years old/at work/temporarily
 absent/informed of recall)
 1 .Yes
 2 .No
 3 .Did not report

NWRE Character 1
 Informed of recall (Unedited-See "Employment Status Recode" (ESR))
 b .N/A (less than 16 years old/at work/not on layoff)
 1 .Yes
 2 .No
 3 .Did not report

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

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

RELP Character 2
 Relationship
 00 .Reference person
 01 .Husband/wife
 02 .Biological son or daughter
 03 .Adopted son or daughter
 04 .Stepson or stepdaughter
 05 .Brother or sister
 06 .Father or mother
 07 .Grandchild
 08 .Parent-in-law

09 .Son-in-law or daughter-in-law
10 .Other relative
11 .Roomer or boarder
12 .Housemate or roommate
13 .Unmarried partner
14 .Foster child
15 .Other nonrelative
16 .Institutionalized group quarters population
17 .Noninstitutionalized group quarters population

RETP Numeric 6

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

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

SCH Character 1

School enrollment

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

SCHG Character 2

Grade level attending

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

SCHL Character 2

Educational attainment

bb .N/A (less than 3 years old)
01 .No schooling completed
02 .Nursery school, preschool
03 .Kindergarten
04 .Grade 1
05 .Grade 2
06 .Grade 3
07 .Grade 4
08 .Grade 5
09 .Grade 6

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

SEMP Numeric 6

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

bbbbb .N/A (less than 15 years old)
0 .None
-100000..-4 .Loss \$4 to \$10000 (Rounded and bottom-coded)
4..999999 .\$4 to \$999999 (Rounded and top-coded)

SEX Character 1

Sex

1 .Male
2 .Female

SSIP Numeric 5

Supplementary Security Income past 12 months (use ADJINC to adjust SSIP to constant dollars)

bbbbb .N/A (less than 15 years old)
0 .None
4..30000 .\$.4 to \$30000 (Rounded)

SSP Numeric 5

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

bbbbb .N/A (less than 15 years old)
0 .None
4..50000 .\$.4 to \$50000 (Rounded)

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

WKW Character 1

Weeks worked during past 12 months

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

WRK Character 1

Worked last week

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

YOEP Numeric 4

Year of entry

- bbbb .Not eligible - Born in the US
- 1929 .1929 or earlier (Bottom-coded)
- 1930 .1930 - 1934
- 1935 .1935 - 1938
- 1939 .1939 - 1940
- 1941 .1941 - 1942
- 1943 .1943 - 1944
- 1945 .1945
- 1946 .1946
- 1947 .1947
- 1948 .1948
- 1949 .1949
- 1950 .1950
- 1951 .1951
- 1952 .1952
- 1953 .1953
- 1954 .1954
- 1955 .1955
- 1956 .1956
- 1957 .1957
- 1958 .1958
- 1959 .1959
- 1960 .1960
- 1961 .1961
- 1962 .1962
- 1963 .1963
- 1964 .1964
- 1965 .1965
- 1966 .1966
- 1967 .1967
- 1968 .1968

1969 .1969
1970 .1970
1971 .1971
1972 .1972
1973 .1973
1974 .1974
1975 .1975
1976 .1976
1977 .1977
1978 .1978
1979 .1979
1980 .1980
1981 .1981
1982 .1982
1983 .1983
1984 .1984
1985 .1985
1986 .1986
1987 .1987
1988 .1988
1989 .1989
1990 .1990
1991 .1991
1992 .1992
1993 .1993
1994 .1994
1995 .1995
1996 .1996
1997 .1997
1998 .1998
1999 .1999
2000 .2000
2001 .2001
2002 .2002
2003 .2003
2004 .2004
2005 .2005
2006 .2006
2007 .2007
2008 .2008
2009 .2009
2010 .2010
2011 .2011
2012 .2012
2013 .2013
2014 .2014
2015 .2015
2016 .2016
2017 .2017
2018 .2018

PERSON RECORD - RECODED PERSON VARIABLES

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

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

ANC1P Character 3
Ancestry recode - first entry
000 .Suppressed for data year 2018 for select PUMAs
001 .Alsatian
003 .Austrian
005 .Basque
008 .Belgian
009 .Flemish
011 .British
012 .British Isles
020 .Danish
021 .Dutch
022 .English
024 .Finnish
026 .French
032 .German
040 .Prussian
046 .Greek
049 .Icelander
050 .Irish
051 .Italian
068 .Sicilian
077 .Luxembourger
078 .Maltese
082 .Norwegian
084 .Portuguese
087 .Scotch Irish
088 .Scottish
089 .Swedish
091 .Swiss
094 .Irish Scotch
097 .Welsh
098 .Scandinavian
099 .Celtic
100 .Albanian
102 .Belorussian
103 .Bulgarian
109 .Croatian
111 .Czech
112 .Bohemian
114 .Czechoslovakian
115 .Estonian
122 .German Russian
124 .Rom
125 .Hungarian
128 .Latvian
129 .Lithuanian
130 .Macedonian
131 .Montenegrin
142 .Polish
144 .Romanian
146 .Moldavian
148 .Russian

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

314 .Trinidadian Tobagonian
322 .British West Indian
325 .Antigua and Barbuda
329 .Grenadian
330 .Vincent-Grenadine Islander
331 .St Lucia Islander
335 .West Indian
336 .Haitian
359 .Other West Indian
360 .Brazilian
370 .Guyanese
400 .Algerian
402 .Egyptian
404 .Libyan (2017 or later)
406 .Moroccan
411 .North African
416 .Iranian
417 .Iraqi
419 .Israeli
421 .Jordanian
423 .Kuwaiti (2017 or later)
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 (2017 or later)
529 .Ghanaian
530 .Guinean (2017 or later)
534 .Kenyan
541 .Liberian
553 .Nigerian
564 .Senegalese
566 .Sierra Leonean
568 .Somali
570 .South African
576 .Sudanese
586 .Togo (2017 or later)
587 .Other Subsaharan African
588 .Ugandan
593 .Zimbabwean (2017 or later)
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 (2017 or later)
720 .Filipino
730 .Indonesian
740 .Japanese
748 .Okinawan
750 .Korean
765 .Laotian
768 .Hmong
770 .Malaysian
776 .Thai
782 .Taiwanese
785 .Vietnamese
793 .Eurasian (2016 or earlier)
795 .Asian
799 .Other Asian
800 .Australian
803 .New Zealander
808 .Polynesian
811 .Hawaiian
814 .Samoan
815 .Tongan
820 .Micronesian
821 .Guamanian
822 .Chamorro
824 .Palauan (2017 or later)
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

921 .Aleut (2016 or earlier)
922 .Eskimo
924 .White
925 .Anglo
927 .Appalachian
929 .Pennsylvania German
931 .Canadian
935 .French Canadian
936 .Acadian (2017 or later)
937 .Cajun
939 .American
940 .United States
970 .New Mexico (2017 or later)
983 .Texas
994 .North American
995 .Mixture
996 .Uncodable entries
997 .Other groups
998 .Other responses
999 .Not reported

ANC2P Character 3

Ancestry recode - second entry

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

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

238 .Uruguayan
239 .Venezuelan
249 .South American
250 .Latin American
251 .Latin
252 .Latino
261 .Puerto Rican
271 .Cuban
275 .Dominican
290 .Hispanic
291 .Spanish
295 .Spanish American
300 .Bahamian
301 .Barbadian
302 .Belizean
308 .Jamaican
310 .Dutch West Indian
314 .Trinidadian Tobagonian
322 .British West Indian
325 .Antigua and Barbuda
329 .Grenadian
330 .Vincent-Grenadine Islander
331 .St Lucia Islander
335 .West Indian
336 .Haitian
359 .Other West Indian
360 .Brazilian
370 .Guyanese
400 .Algerian
402 .Egyptian
404 .Libyan (2017 or later)
406 .Moroccan
411 .North African
416 .Iranian
417 .Iraqi
419 .Israeli
421 .Jordanian
423 .Kuwaiti (2017 or later)
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 (2017 or later)
529 .Ghanaian
530 .Guinean (2017 or later)
534 .Kenyan
541 .Liberian
553 .Nigerian
564 .Senegalese
566 .Sierra Leonean
568 .Somali
570 .South African
576 .Sudanese
586 .Togo (2017 or later)
587 .Other Subsaharan African
588 .Ugandan
593 .Zimbabwean (2017 or later)
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 (2017 or later)
720 .Filipino
730 .Indonesian
740 .Japanese
748 .Okinawan
750 .Korean
765 .Laotian
768 .Hmong
770 .Malaysian
776 .Thai
782 .Taiwanese
785 .Vietnamese
793 .Eurasian (2016 or earlier)
795 .Asian
799 .Other Asian
800 .Australian
803 .New Zealander
808 .Polynesian
811 .Hawaiian
814 .Samoan
815 .Tongan
820 .Micronesian
821 .Guamanian
822 .Chamorro

824 .Palauan (2017 or later)
825 .Marshalllese
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
921 .Aleut (2016 or earlier)
922 .Eskimo
924 .White
925 .Anglo
927 .Appalachian
929 .Pennsylvania German
931 .Canadian
935 .French Canadian
936 .Acadian (2017 or later)
937 .Cajun
939 .American
940 .United States
970 .New Mexico (2017 or later)
983 .Texas
994 .North American
995 .Mixture
996 .Uncodable entries
997 .Other groups
998 .Other responses
999 .Not reported

DECADE Character 1

Decade of entry
b .N/A (Born in the US)
1 .Before 1950
2 .1950 - 1959
3 .1960 - 1969
4 .1970 - 1979
5 .1980 - 1989
6 .1990 - 1999
7 .2000 - 2009
8 .2010 or later

DIS Character 1

Disability recode
1 .With a disability
2 .Without a disability

DRIVESP Character 1

Number of vehicles calculated from JWRI

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

ESP

Character 1

Employment status of parents

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

ESR

Character 1

Employment status recode

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

FOD1P

Character 4

Recoded field of degree - first entry

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

2201 .Cosmetology Services And Culinary Arts
2300 .General Education
2301 .Educational Administration And Supervision
2303 .School Student Counseling
2304 .Elementary Education
2305 .Mathematics Teacher Education
2306 .Physical And Health Education Teaching
2307 .Early Childhood Education
2308 .Science And Computer Teacher Education
2309 .Secondary Teacher Education
2310 .Special Needs Education
2311 .Social Science Or History Teacher Education
2312 .Teacher Education: Multiple Levels
2313 .Language And Drama Education
2314 .Art And Music Education
2399 .Miscellaneous Education
2400 .General Engineering
2401 .Aerospace Engineering
2402 .Biological Engineering
2403 .Architectural Engineering
2404 .Biomedical Engineering
2405 .Chemical Engineering
2406 .Civil Engineering
2407 .Computer Engineering
2408 .Electrical Engineering
2409 .Engineering Mechanics Physics And Science
2410 .Environmental Engineering
2411 .Geological And Geophysical Engineering
2412 .Industrial And Manufacturing Engineering
2413 .Materials Engineering And Materials Science
2414 .Mechanical Engineering
2415 .Metallurgical Engineering
2416 .Mining And Mineral Engineering
2417 .Naval Architecture And Marine Engineering
2418 .Nuclear Engineering
2419 .Petroleum Engineering
2499 .Miscellaneous Engineering
2500 .Engineering Technologies
2501 .Engineering And Industrial Management
2502 .Electrical Engineering Technology
2503 .Industrial Production Technologies
2504 .Mechanical Engineering Related Technologies
2599 .Miscellaneous Engineering Technologies
2601 .Linguistics And Comparative Language And Literature
2602 .French German Latin And Other Common Foreign Language
.Studies
2603 .Other Foreign Languages
2901 .Family And Consumer Sciences
3201 .Court Reporting
3202 .Pre-Law And Legal Studies
3301 .English Language And Literature
3302 .Composition And Rhetoric
3401 .Liberal Arts
3402 .Humanities
3501 .Library Science
3600 .Biology
3601 .Biochemical Sciences

3602 .Botany
3603 .Molecular Biology
3604 .Ecology
3605 .Genetics
3606 .Microbiology
3607 .Pharmacology
3608 .Physiology
3609 .Zoology
3611 .Neuroscience
3699 .Miscellaneous Biology
3700 .Mathematics
3701 .Applied Mathematics
3702 .Statistics And Decision Science
3801 .Military Technologies
4000 .Multi/Interdisciplinary Studies
4001 .Intercultural And International Studies
4002 .Nutrition Sciences
4005 .Mathematics And Computer Science
4006 .Cognitive Science And Biopsychology
4007 .Interdisciplinary Social Sciences
4101 .Physical Fitness Parks Recreation And Leisure
4801 .Philosophy And Religious Studies
4901 .Theology And Religious Vocations
5000 .Physical Sciences
5001 .Astronomy And Astrophysics
5002 .Atmospheric Sciences And Meteorology
5003 .Chemistry
5004 .Geology And Earth Science
5005 .Geosciences
5006 .Oceanography
5007 .Physics
5008 .Materials Science
5098 .Multi-Disciplinary Or General Science
5102 .Nuclear, Industrial Radiology, And Biological Technologies
5200 .Psychology
5201 .Educational Psychology
5202 .Clinical Psychology
5203 .Counseling Psychology
5205 .Industrial And Organizational Psychology
5206 .Social Psychology
5299 .Miscellaneous Psychology
5301 .Criminal Justice And Fire Protection
5401 .Public Administration
5402 .Public Policy
5403 .Human Services And Community Organization
5404 .Social Work
5500 .General Social Sciences
5501 .Economics
5502 .Anthropology And Archeology
5503 .Criminology
5504 .Geography
5505 .International Relations
5506 .Political Science And Government
5507 .Sociology
5599 .Miscellaneous Social Sciences
5601 .Construction Services

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

FOD2P Character 4

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

1903 .Mass Media
1904 .Advertising And Public Relations
2001 .Communication Technologies
2100 .Computer And Information Systems
2101 .Computer Programming And Data Processing
2102 .Computer Science
2105 .Information Sciences
2106 .Computer Administration Management And Security
2107 .Computer Networking And Telecommunications
2201 .Cosmetology Services And Culinary Arts
2300 .General Education
2301 .Educational Administration And Supervision
2303 .School Student Counseling
2304 .Elementary Education
2305 .Mathematics Teacher Education
2306 .Physical And Health Education Teaching
2307 .Early Childhood Education
2308 .Science And Computer Teacher Education
2309 .Secondary Teacher Education
2310 .Special Needs Education
2311 .Social Science Or History Teacher Education
2312 .Teacher Education: Multiple Levels
2313 .Language And Drama Education
2314 .Art And Music Education
2399 .Miscellaneous Education
2400 .General Engineering
2401 .Aerospace Engineering
2402 .Biological Engineering
2403 .Architectural Engineering
2404 .Biomedical Engineering
2405 .Chemical Engineering
2406 .Civil Engineering
2407 .Computer Engineering
2408 .Electrical Engineering
2409 .Engineering Mechanics Physics And Science
2410 .Environmental Engineering
2411 .Geological And Geophysical Engineering
2412 .Industrial And Manufacturing Engineering
2413 .Materials Engineering And Materials Science
2414 .Mechanical Engineering
2415 .Metallurgical Engineering
2416 .Mining And Mineral Engineering
2417 .Naval Architecture And Marine Engineering
2418 .Nuclear Engineering
2419 .Petroleum Engineering
2499 .Miscellaneous Engineering
2500 .Engineering Technologies
2501 .Engineering And Industrial Management
2502 .Electrical Engineering Technology
2503 .Industrial Production Technologies
2504 .Mechanical Engineering Related Technologies
2599 .Miscellaneous Engineering Technologies
2601 .Linguistics And Comparative Language And Literature
2602 .French German Latin And Other Common Foreign Language
.Studies
2603 .Other Foreign Languages
2901 .Family And Consumer Sciences

3201 .Court Reporting
3202 .Pre-Law And Legal Studies
3301 .English Language And Literature
3302 .Composition And Rhetoric
3401 .Liberal Arts
3402 .Humanities
3501 .Library Science
3600 .Biology
3601 .Biochemical Sciences
3602 .Botany
3603 .Molecular Biology
3604 .Ecology
3605 .Genetics
3606 .Microbiology
3607 .Pharmacology
3608 .Physiology
3609 .Zoology
3611 .Neuroscience
3699 .Miscellaneous Biology
3700 .Mathematics
3701 .Applied Mathematics
3702 .Statistics And Decision Science
3801 .Military Technologies
4000 .Multi/Interdisciplinary Studies
4001 .Intercultural And International Studies
4002 .Nutrition Sciences
4005 .Mathematics And Computer Science
4006 .Cognitive Science And Biopsychology
4007 .Interdisciplinary Social Sciences
4101 .Physical Fitness Parks Recreation And Leisure
4801 .Philosophy And Religious Studies
4901 .Theology And Religious Vocations
5000 .Physical Sciences
5001 .Astronomy And Astrophysics
5002 .Atmospheric Sciences And Meteorology
5003 .Chemistry
5004 .Geology And Earth Science
5005 .Geosciences
5006 .Oceanography
5007 .Physics
5008 .Materials Science
5098 .Multi-Disciplinary Or General Science
5102 .Nuclear, Industrial Radiology, And Biological Technologies
5200 .Psychology
5201 .Educational Psychology
5202 .Clinical Psychology
5203 .Counseling Psychology
5205 .Industrial And Organizational Psychology
5206 .Social Psychology
5299 .Miscellaneous Psychology
5301 .Criminal Justice And Fire Protection
5401 .Public Administration
5402 .Public Policy
5403 .Human Services And Community Organization
5404 .Social Work
5500 .General Social Sciences
5501 .Economics

5502 .Anthropology And Archeology
5503 .Criminology
5504 .Geography
5505 .International Relations
5506 .Political Science And Government
5507 .Sociology
5599 .Miscellaneous Social Sciences
5601 .Construction Services
5701 .Electrical, Mechanical, And Precision Technologies And Production
5901 .Transportation Sciences And Technologies
6000 .Fine Arts
6001 .Drama And Theater Arts
6002 .Music
6003 .Visual And Performing Arts
6004 .Commercial Art And Graphic Design
6005 .Film Video And Photographic Arts
6006 .Art History And Criticism
6007 .Studio Arts
6099 .Miscellaneous Fine Arts
6100 .General Medical And Health Services
6102 .Communication Disorders Sciences And Services
6103 .Health And Medical Administrative Services
6104 .Medical Assisting Services
6105 .Medical Technologies Technicians
6106 .Health And Medical Preparatory Programs
6107 .Nursing
6108 .Pharmacy Pharmaceutical Sciences And Administration
6109 .Treatment Therapy Professions
6110 .Community And Public Health
6199 .Miscellaneous Health Medical Professions
6200 .General Business
6201 .Accounting
6202 .Actuarial Science
6203 .Business Management And Administration
6204 .Operations Logistics And E-Commerce
6205 .Business Economics
6206 .Marketing And Marketing Research
6207 .Finance
6209 .Human Resources And Personnel Management
6210 .International Business
6211 .Hospitality Management
6212 .Management Information Systems And Statistics
6299 .Miscellaneous Business and Medical Administration
6402 .History
6403 .United States History

HICOV Character 1

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

HISP Character 2

Recoded detailed Hispanic origin
01 .Not Spanish/Hispanic/Latino
02 .Mexican
03 .Puerto Rican

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

INDP

Character 4

Industry recode for 2018 and later based on 2017 IND codes

bbbb .N/A (less than 16 years old/NILF who last worked more than
 .5 years ago or never worked)
 0170 .AGR-Crop Production
 0180 .AGR-Animal Production And Aquaculture
 0190 .AGR-Forestry Except Logging
 0270 .AGR-Logging
 0280 .AGR-Fishing, Hunting And Trapping
 0290 .AGR-Support Activities For Agriculture And Forestry
 0370 .EXT-Oil And Gas Extraction
 0380 .EXT-Coal Mining
 0390 .EXT-Metal Ore Mining
 0470 .EXT-Nonmetallic Mineral Mining And Quarrying
 0490 .EXT-Support Activities For Mining
 0570 .UTL-Electric Power Generation, Transmission And
 .Distribution
 0580 .UTL-Natural Gas Distribution
 0590 .UTL-Electric And Gas, And Other Combinations
 0670 .UTL-Water, Steam, Air Conditioning, And Irrigation Systems
 0680 .UTL-Sewage Treatment Facilities
 0690 .UTL-Not Specified Utilities
 0770 .CON-Construction (The Cleaning Of Buildings And Dwellings
 .Is Incidental During Construction And Immediately After
 .Construction)
 1070 .MFG-Animal Food, Grain And Oilseed Milling
 1080 .MFG-Sugar And Confectionery Products
 1090 .MFG-Fruit And Vegetable Preserving And Specialty Foods
 1170 .MFG-Dairy Products
 1180 .MFG-Animal Slaughtering And Processing
 1190 .MFG-Retail Bakeries
 1270 .MFG-Bakeries And Tortilla, Except Retail Bakeries
 1280 .MFG-Seafood And Other Miscellaneous Foods, N.E.C.
 1290 .MFG-Not Specified Food Industries
 1370 .MFG-Beverage

1390 .MFG-Tobacco
1470 .MFG-Fiber, Yarn, And Thread Mills
1480 .MFG-Fabric Mills, Except Knitting Mills
1490 .MFG-Textile And Fabric Finishing And Fabric Coating Mills
1570 .MFG-Carpet And Rug Mills
1590 .MFG-Textile Product Mills, Except Carpet And Rug
1670 .MFG-Knitting Fabric Mills, And Apparel Knitting Mills
1691 .MFG-Cut And Sew, And Apparel Accessories And Other Apparel
1770 .MFG-Footwear
1790 .MFG-Leather And Hide Tanning And Finishing, And Other
.Leather And Allied Products
1870 .MFG-Pulp, Paper, And Paperboard Mills
1880 .MFG-Paperboard Container
1890 .MFG-Miscellaneous Paper And Pulp Products
1990 .MFG-Printing And Related Support Activities
2070 .MFG-Petroleum Refining
2090 .MFG-Miscellaneous Petroleum And Coal Products
2170 .MFG-Resin, Synthetic Rubber, And Fibers And Filaments
2180 .MFG-Agricultural Chemicals
2190 .MFG-Pharmaceuticals And Medicines
2270 .MFG-Paint, Coating, And Adhesives
2280 .MFG-Soap, Cleaning Compound, And Cosmetics
2290 .MFG-Industrial And Miscellaneous Chemicals
2370 .MFG-Plastics Products
2380 .MFG-Tires
2390 .MFG-Rubber Products, Except Tires
2470 .MFG-Pottery, Ceramics, And Plumbing Fixture Manufacturing
2480 .MFG-Clay Building Material And Refractories
2490 .MFG-Glass And Glass Products
2570 .MFG-Cement, Concrete, Lime, And Gypsum Products
2590 .MFG-Miscellaneous Nonmetallic Mineral Products
2670 .MFG-Iron And Steel Mills And Steel Products
2680 .MFG-Aluminum Production And Processing
2690 .MFG-Nonferrous Metal, Except Aluminum, Production And
.Processing
2770 .MFG-Foundries
2780 .MFG-Metal forgings And Stampings
2790 .MFG-Cutlery And Hand Tools
2870 .MFG-Structural Metals, And Boiler, Tank, And Shipping
.Containers
2880 .MFG-Machine Shops; Turned Products; Screws, Nuts And Bolts
2890 .MFG-Coating, Engraving, Heat Treating And Allied Activities
2970 .MFG-Ordnance
2980 .MFG-Miscellaneous Fabricated Metal Products
2990 .MFG-Not Specified Metal Industries
3070 .MFG-Agricultural Implements
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, And Audio And Video Equipment
3380 .MFG-Navigational, Measuring, Electromedical, And Control
.Instruments
3390 .MFG-Electronic Components And Products, N.E.C.

3470 .MFG-Household Appliances
3490 .MFG-Electric Lighting And Electrical Equipment
.Manufacturing, And Other Electrical Component
.Manufacturing, N.E.C.
3570 .MFG-Motor Vehicles And Motor Vehicle Equipment
3580 .MFG-Aircraft And Parts
3590 .MFG-Aerospace Products And Parts
3670 .MFG-Railroad Rolling Stock
3680 .MFG-Ship And Boat Building
3690 .MFG-Other Transportation Equipment
3770 .MFG-Sawmills And Wood Preservation
3780 .MFG-Veneer, Plywood, And Engineered Wood Products
3790 .MFG-Prefabricated Wood Buildings And Mobile Homes
3875 .MFG-Miscellaneous Wood Products
3895 .MFG-Furniture And Related Products
3960 .MFG-Medical Equipment And Supplies
3970 .MFG-Sporting And Athletic Goods, And Doll, Toy, And Game
.Manufacturing
3980 .MFG-Miscellaneous Manufacturing, N.E.C.
3990 .MFG-Not Specified Manufacturing Industries
4070 .WHL-Motor Vehicle And Motor Vehicle Parts And Supplies
.Merchant Wholesalers
4080 .WHL-Furniture And Home Furnishing Merchant Wholesalers
4090 .WHL-Lumber And Other Construction Materials Merchant
.Wholesalers
4170 .WHL-Professional And Commercial Equipment And Supplies
.Merchant Wholesalers
4180 .WHL-Metals And Minerals, Except Petroleum, Merchant
.Wholesalers
4195 .WHL-Household Appliances And Electrical And Electronic
.Goods Merchant Wholesalers
4265 .WHL-Hardware, And Plumbing And Heating Equipment, And
.Supplies Merchant Wholesalers
4270 .WHL-Machinery, Equipment, And Supplies Merchant Wholesalers
4280 .WHL-Recyclable Material Merchant Wholesalers
4290 .WHL-Miscellaneous Durable Goods Merchant Wholesalers
4370 .WHL-Paper And Paper Products Merchant Wholesalers
4380 .WHL-Drugs, Sundries, And Chemical And Allied Products
.Merchant Wholesalers
4390 .WHL-Apparel, Piece Goods, And Notions Merchant Wholesalers
4470 .WHL-Grocery And Related Product Merchant Wholesalers
4480 .WHL-Farm Product Raw Material Merchant Wholesalers
4490 .WHL-Petroleum And Petroleum Products Merchant Wholesalers
4560 .WHL-Alcoholic Beverages Merchant Wholesalers
4570 .WHL-Farm Supplies Merchant Wholesalers
4580 .WHL-Miscellaneous Nondurable Goods Merchant Wholesalers
4585 .WHL-Wholesale Electronic Markets And Agents And Brokers
4590 .WHL-Not Specified Wholesale Trade
4670 .RET-Automobile Dealers
4680 .RET-Other Motor Vehicle Dealers
4690 .RET-Automotive Parts, Accessories, And Tire Stores
4770 .RET-Furniture And Home Furnishings Stores
4780 .RET-Household Appliance Stores
4795 .RET-Electronics Stores
4870 .RET-Building Material And Supplies Dealers
4880 .RET-Hardware Stores
4890 .RET-Lawn And Garden Equipment And Supplies Stores

4971 .RET-Supermarkets and Other Grocery (Except Convenience)
.Stores
4972 .RET-Convenience Stores
4980 .RET-Specialty Food Stores
4990 .RET-Beer, Wine, And Liquor Stores
5070 .RET-Pharmacies And Drug Stores
5080 .RET-Health And Personal Care, Except Drug, Stores
5090 .RET-Gasoline Stations
5170 .RET-Clothing Stores
5180 .RET-Shoe Stores
5190 .RET-Jewelry, Luggage, And Leather Goods Stores
5275 .RET-Sporting Goods, And Hobby And Toy Stores
5280 .RET-Sewing, Needlework, And Piece Goods Stores
5295 .RET-Musical Instrument And Supplies Stores
5370 .RET-Book Stores And News Dealers
5381 .RET-Department Stores
5391 .RET-General Merchandise Stores, Including Warehouse Clubs
.and Supercenters
5470 .RET-Florists
5480 .RET-Office Supplies And Stationery Stores
5490 .RET-Used Merchandise Stores
5570 .RET-Gift, Novelty, And Souvenir Shops
5580 .RET-Miscellaneous Retail Stores
5593 .RET-Electronic Shopping And Mail-Order Houses
5670 .RET-Vending Machine Operators
5680 .RET-Fuel Dealers
5690 .RET-Other Direct Selling Establishments
5790 .RET-Not Specified Retail Trade
6070 .TRN-Air Transportation
6080 .TRN-Rail Transportation
6090 .TRN-Water Transportation
6170 .TRN-Truck Transportation
6180 .TRN-Bus Service And Urban Transit
6190 .TRN-Taxi And Limousine Service
6270 .TRN-Pipeline Transportation
6280 .TRN-Scenic And Sightseeing Transportation
6290 .TRN-Services Incidental To Transportation
6370 .TRN-Postal Service
6380 .TRN-Couriers And Messengers
6390 .TRN-Warehousing And Storage
6470 .INF-Newspaper Publishers
6480 .INF-Periodical, Book, And Directory Publishers
6490 .INF-Software Publishers
6570 .INF-Motion Picture And Video Industries
6590 .INF-Sound Recording Industries
6670 .INF-Broadcasting, Except Internet
6672 .INF-Internet Publishing And Broadcasting And Web Search
.Portals
6680 .INF-Wired Telecommunications Carriers
6690 .INF-Telecommunications, Except Wired Telecommunications
.Carriers
6695 .INF-Data Processing, Hosting, And Related Services
6770 .INF-Libraries And Archives
6780 .INF-Other Information Services, Except Libraries And
.Archives, And Internet Publishing And Broadcasting And Web
.Search Portals
6870 .FIN-Banking And Related Activities

6880 .FIN-Savings Institutions, Including Credit Unions
6890 .FIN-Nondepository Credit And Related Activities
6970 .FIN-Securities, Commodities, Funds, Trusts, And Other
.Financial Investments
6991 .FIN-Insurance Carriers
6992 .FIN-Agencies, Brokerage, And Other Insurance Related
.Activates
7071 .FIN-Lessors Of Real Estate, And Offices Of Real Estate
.Agents And Brokers
7072 .FIN-Real Estate Property Managers, Offices Of Real Estates
.Appraisers, And Other Activities Related To Real Estates
7080 .FIN-Automotive Equipment Rental And Leasing
7181 .FIN-Other Consumer Goods Rental
7190 .FIN-Commercial, Industrial, And Other Intangible Assets
.Rental And Leasing
7270 .PRF-Legal Services
7280 .PRF-Accounting, Tax Preparation, Bookkeeping, And Payroll
.Services
7290 .PRF-Architectural, Engineering, And Related Services
7370 .PRF-Specialized Design Services
7380 .PRF-Computer Systems Design And Related Services
7390 .PRF-Management, Scientific, And Technical Consulting
.Services
7460 .PRF-Scientific Research And Development Services
7470 .PRF-Advertising, Public Relations, And Related Services
7480 .PRF-Veterinary Services
7490 .PRF-Other Professional, Scientific, And Technical Services
7570 .PRF-Management Of Companies And Enterprises
7580 .PRF-Employment Services
7590 .PRF-Business Support Services
7670 .PRF-Travel Arrangements And Reservation Services
7680 .PRF-Investigation And Security Services
7690 .PRF-Services To Buildings And Dwellings (Except Cleaning
.During Construction And Immediately After Construction)
7770 .PRF-Landscaping Services
7780 .PRF-Other Administrative And Other Support Services
7790 .PRF-Waste Management And Remediation Services
7860 .EDU-Elementary And Secondary Schools
7870 .EDU-Colleges, Universities, And Professional Schools,
.Including Junior Colleges
7880 .EDU-Business, Technical, And Trade Schools And Training
7890 .EDU-Other Schools And Instruction, And Educational Support
.Services
7970 .MED-Offices Of Physicians
7980 .MED-Offices Of Dentists
7990 .MED-Offices Of Chiropractors
8070 .MED-Offices Of Optometrists
8080 .MED-Offices Of Other Health Practitioners
8090 .MED-Outpatient Care Centers
8170 .MED-Home Health Care Services
8180 .MED-Other Health Care Services
8191 .MED-General Medical And Surgical Hospitals, And Specialty
. (Except Psychiatric And Substance Abuse) Hospitals
8192 .MED-Psychiatric And Substance Abuse Hospitals
8270 .MED-Nursing Care Facilities (Skilled Nursing Facilities)
8290 .MED-Residential Care Facilities, Except Skilled Nursing
.Facilities

8370 .SCA-Individual And Family Services
8380 .SCA-Community Food And Housing, And Emergency Services
8390 .SCA-Vocational Rehabilitation Services
8470 .SCA-Child Day Care Services
8561 .ENT-Performing Arts Companies
8562 .ENT-Spectator Sports
8563 .ENT-Promoters Of Performing Arts, Sports, And Similar
.Events, Agents And Managers For Artists, Athletes,
.Entertainers, And Other Public Figures
8564 .ENT-Independent Artists, Writers, And Performers
8570 .ENT-Museums, Art Galleries, Historical Sites, And Similar
.Institutions
8580 .ENT-Bowling Centers
8590 .ENT-Other Amusement, Gambling, And Recreation Industries
8660 .ENT-Traveler Accommodation
8670 .ENT-Recreational Vehicle Parks And Camps, And Rooming And
.Boarding Houses, Dormitories, And Workers' Camps
8680 .ENT-Restaurants And Other Food Services
8690 .ENT-Drinking Places, Alcoholic Beverages
8770 .SRV-Automotive Repair And Maintenance
8780 .SRV-Car Washes
8790 .SRV-Electronic And Precision Equipment Repair And
.Maintenance
8870 .SRV-Commercial And Industrial Machinery And Equipment
.Repair And Maintenance
8891 .SRV-Personal And Household Goods Repair And Maintenance
8970 .SRV-Barber Shops
8980 .SRV-Beauty Salons
8990 .SRV-Nail Salons And Other Personal Care Services
9070 .SRV-Drycleaning And Laundry Services
9080 .SRV-Funeral Homes, Cemeteries And Crematories
9090 .SRV-Other Personal Services
9160 .SRV-Religious Organizations
9170 .SRV-Civic, Social, Advocacy Organizations, And Grantmaking
.And Giving Services
9180 .SRV-Labor Unions
9190 .SRV-Business, Professional, Political, And Similar
.Organizations
9290 .SRV-Private Households
9370 .ADM-Executive Offices And Legislative Bodies
9380 .ADM-Public Finance Activities
9390 .ADM-Other General Government And Support
9470 .ADM-Justice, Public Order, And Safety Activities
9480 .ADM-Administration Of Human Resource Programs
9490 .ADM-Administration Of Environmental Quality And Housing
.Programs
9570 .ADM-Administration Of Economic Programs And Space Research
9590 .ADM-National Security And International Affairs
9670 .MIL-U.S. Army
9680 .MIL-U.S. Air Force
9690 .MIL-U.S. Navy
9770 .MIL-U.S. Marines
9780 .MIL-U.S. Coast Guard
9790 .MIL-U.S. Armed Forces, Branch Not Specified
9870 .MIL-Military Reserves Or National Guard
9920 .Unemployed And Last Worked 5 Years Ago Or Earlier Or Never
.Worked

JWAP

Character 3

Time of arrival at work - hour and minute

bbb .N/A (not a worker; worker who worked at home)
001 .12:00 a.m. to 12:04 a.m.
002 .12:05 a.m. to 12:09 a.m.
003 .12:10 a.m. to 12:14 a.m.
004 .12:15 a.m. to 12:19 a.m.
005 .12:20 a.m. to 12:24 a.m.
006 .12:25 a.m. to 12:29 a.m.
007 .12:30 a.m. to 12:39 a.m.
008 .12:40 a.m. to 12:44 a.m.
009 .12:45 a.m. to 12:49 a.m.
010 .12:50 a.m. to 12:59 a.m.
011 .1:00 a.m. to 1:04 a.m.
012 .1:05 a.m. to 1:09 a.m.
013 .1:10 a.m. to 1:14 a.m.
014 .1:15 a.m. to 1:19 a.m.
015 .1:20 a.m. to 1:24 a.m.
016 .1:25 a.m. to 1:29 a.m.
017 .1:30 a.m. to 1:34 a.m.
018 .1:35 a.m. to 1:39 a.m.
019 .1:40 a.m. to 1:44 a.m.
020 .1:45 a.m. to 1:49 a.m.
021 .1:50 a.m. to 1:59 a.m.
022 .2:00 a.m. to 2:04 a.m.
023 .2:05 a.m. to 2:09 a.m.
024 .2:10 a.m. to 2:14 a.m.
025 .2:15 a.m. to 2:19 a.m.
026 .2:20 a.m. to 2:24 a.m.
027 .2:25 a.m. to 2:29 a.m.
028 .2:30 a.m. to 2:34 a.m.
029 .2:35 a.m. to 2:39 a.m.
030 .2:40 a.m. to 2:44 a.m.
031 .2:45 a.m. to 2:49 a.m.
032 .2:50 a.m. to 2:54 a.m.
033 .2:55 a.m. to 2:59 a.m.
034 .3:00 a.m. to 3:04 a.m.
035 .3:05 a.m. to 3:09 a.m.
036 .3:10 a.m. to 3:14 a.m.
037 .3:15 a.m. to 3:19 a.m.
038 .3:20 a.m. to 3:24 a.m.
039 .3:25 a.m. to 3:29 a.m.
040 .3:30 a.m. to 3:34 a.m.
041 .3:35 a.m. to 3:39 a.m.
042 .3:40 a.m. to 3:44 a.m.
043 .3:45 a.m. to 3:49 a.m.
044 .3:50 a.m. to 3:54 a.m.
045 .3:55 a.m. to 3:59 a.m.
046 .4:00 a.m. to 4:04 a.m.
047 .4:05 a.m. to 4:09 a.m.
048 .4:10 a.m. to 4:14 a.m.
049 .4:15 a.m. to 4:19 a.m.
050 .4:20 a.m. to 4:24 a.m.
051 .4:25 a.m. to 4:29 a.m.
052 .4:30 a.m. to 4:34 a.m.
053 .4:35 a.m. to 4:39 a.m.
054 .4:40 a.m. to 4:44 a.m.

055 .4:45 a.m. to 4:49 a.m.
056 .4:50 a.m. to 4:54 a.m.
057 .4:55 a.m. to 4:59 a.m.
058 .5:00 a.m. to 5:04 a.m.
059 .5:05 a.m. to 5:09 a.m.
060 .5:10 a.m. to 5:14 a.m.
061 .5:15 a.m. to 5:19 a.m.
062 .5:20 a.m. to 5:24 a.m.
063 .5:25 a.m. to 5:29 a.m.
064 .5:30 a.m. to 5:34 a.m.
065 .5:35 a.m. to 5:39 a.m.
066 .5:40 a.m. to 5:44 a.m.
067 .5:45 a.m. to 5:49 a.m.
068 .5:50 a.m. to 5:54 a.m.
069 .5:55 a.m. to 5:59 a.m.
070 .6:00 a.m. to 6:04 a.m.
071 .6:05 a.m. to 6:09 a.m.
072 .6:10 a.m. to 6:14 a.m.
073 .6:15 a.m. to 6:19 a.m.
074 .6:20 a.m. to 6:24 a.m.
075 .6:25 a.m. to 6:29 a.m.
076 .6:30 a.m. to 6:34 a.m.
077 .6:35 a.m. to 6:39 a.m.
078 .6:40 a.m. to 6:44 a.m.
079 .6:45 a.m. to 6:49 a.m.
080 .6:50 a.m. to 6:54 a.m.
081 .6:55 a.m. to 6:59 a.m.
082 .7:00 a.m. to 7:04 a.m.
083 .7:05 a.m. to 7:09 a.m.
084 .7:10 a.m. to 7:14 a.m.
085 .7:15 a.m. to 7:19 a.m.
086 .7:20 a.m. to 7:24 a.m.
087 .7:25 a.m. to 7:29 a.m.
088 .7:30 a.m. to 7:34 a.m.
089 .7:35 a.m. to 7:39 a.m.
090 .7:40 a.m. to 7:44 a.m.
091 .7:45 a.m. to 7:49 a.m.
092 .7:50 a.m. to 7:54 a.m.
093 .7:55 a.m. to 7:59 a.m.
094 .8:00 a.m. to 8:04 a.m.
095 .8:05 a.m. to 8:09 a.m.
096 .8:10 a.m. to 8:14 a.m.
097 .8:15 a.m. to 8:19 a.m.
098 .8:20 a.m. to 8:24 a.m.
099 .8:25 a.m. to 8:29 a.m.
100 .8:30 a.m. to 8:34 a.m.
101 .8:35 a.m. to 8:39 a.m.
102 .8:40 a.m. to 8:44 a.m.
103 .8:45 a.m. to 8:49 a.m.
104 .8:50 a.m. to 8:54 a.m.
105 .8:55 a.m. to 8:59 a.m.
106 .9:00 a.m. to 9:04 a.m.
107 .9:05 a.m. to 9:09 a.m.
108 .9:10 a.m. to 9:14 a.m.
109 .9:15 a.m. to 9:19 a.m.
110 .9:20 a.m. to 9:24 a.m.
111 .9:25 a.m. to 9:29 a.m.

112 .9:30 a.m. to 9:34 a.m.
113 .9:35 a.m. to 9:39 a.m.
114 .9:40 a.m. to 9:44 a.m.
115 .9:45 a.m. to 9:49 a.m.
116 .9:50 a.m. to 9:54 a.m.
117 .9:55 a.m. to 9:59 a.m.
118 .10:00 a.m. to 10:04 a.m.
119 .10:05 a.m. to 10:09 a.m.
120 .10:10 a.m. to 10:14 a.m.
121 .10:15 a.m. to 10:19 a.m.
122 .10:20 a.m. to 10:24 a.m.
123 .10:25 a.m. to 10:29 a.m.
124 .10:30 a.m. to 10:34 a.m.
125 .10:35 a.m. to 10:39 a.m.
126 .10:40 a.m. to 10:44 a.m.
127 .10:45 a.m. to 10:49 a.m.
128 .10:50 a.m. to 10:54 a.m.
129 .10:55 a.m. to 10:59 a.m.
130 .11:00 a.m. to 11:04 a.m.
131 .11:05 a.m. to 11:09 a.m.
132 .11:10 a.m. to 11:14 a.m.
133 .11:15 a.m. to 11:19 a.m.
134 .11:20 a.m. to 11:24 a.m.
135 .11:25 a.m. to 11:29 a.m.
136 .11:30 a.m. to 11:34 a.m.
137 .11:35 a.m. to 11:39 a.m.
138 .11:40 a.m. to 11:44 a.m.
139 .11:45 a.m. to 11:49 a.m.
140 .11:50 a.m. to 11:54 a.m.
141 .11:55 a.m. to 11:59 a.m.
142 .12:00 p.m. to 12:04 p.m.
143 .12:05 p.m. to 12:09 p.m.
144 .12:10 p.m. to 12:14 p.m.
145 .12:15 p.m. to 12:19 p.m.
146 .12:20 p.m. to 12:24 p.m.
147 .12:25 p.m. to 12:29 p.m.
148 .12:30 p.m. to 12:34 p.m.
149 .12:35 p.m. to 12:39 p.m.
150 .12:40 p.m. to 12:44 p.m.
151 .12:45 p.m. to 12:49 p.m.
152 .12:50 p.m. to 12:54 p.m.
153 .12:55 p.m. to 12:59 p.m.
154 .1:00 p.m. to 1:04 p.m.
155 .1:05 p.m. to 1:09 p.m.
156 .1:10 p.m. to 1:14 p.m.
157 .1:15 p.m. to 1:19 p.m.
158 .1:20 p.m. to 1:24 p.m.
159 .1:25 p.m. to 1:29 p.m.
160 .1:30 p.m. to 1:34 p.m.
161 .1:35 p.m. to 1:39 p.m.
162 .1:40 p.m. to 1:44 p.m.
163 .1:45 p.m. to 1:49 p.m.
164 .1:50 p.m. to 1:54 p.m.
165 .1:55 p.m. to 1:59 p.m.
166 .2:00 p.m. to 2:04 p.m.
167 .2:05 p.m. to 2:09 p.m.
168 .2:10 p.m. to 2:14 p.m.

169 .2:15 p.m. to 2:19 p.m.
170 .2:20 p.m. to 2:24 p.m.
171 .2:25 p.m. to 2:29 p.m.
172 .2:30 p.m. to 2:34 p.m.
173 .2:35 p.m. to 2:39 p.m.
174 .2:40 p.m. to 2:44 p.m.
175 .2:45 p.m. to 2:49 p.m.
176 .2:50 p.m. to 2:54 p.m.
177 .2:55 p.m. to 2:59 p.m.
178 .3:00 p.m. to 3:04 p.m.
179 .3:05 p.m. to 3:09 p.m.
180 .3:10 p.m. to 3:14 p.m.
181 .3:15 p.m. to 3:19 p.m.
182 .3:20 p.m. to 3:24 p.m.
183 .3:25 p.m. to 3:29 p.m.
184 .3:30 p.m. to 3:34 p.m.
185 .3:35 p.m. to 3:39 p.m.
186 .3:40 p.m. to 3:44 p.m.
187 .3:45 p.m. to 3:49 p.m.
188 .3:50 p.m. to 3:54 p.m.
189 .3:55 p.m. to 3:59 p.m.
190 .4:00 p.m. to 4:04 p.m.
191 .4:05 p.m. to 4:09 p.m.
192 .4:10 p.m. to 4:14 p.m.
193 .4:15 p.m. to 4:19 p.m.
194 .4:20 p.m. to 4:24 p.m.
195 .4:25 p.m. to 4:29 p.m.
196 .4:30 p.m. to 4:34 p.m.
197 .4:35 p.m. to 4:39 p.m.
198 .4:40 p.m. to 4:44 p.m.
199 .4:45 p.m. to 4:49 p.m.
200 .4:50 p.m. to 4:54 p.m.
201 .4:55 p.m. to 4:59 p.m.
202 .5:00 p.m. to 5:04 p.m.
203 .5:05 p.m. to 5:09 p.m.
204 .5:10 p.m. to 5:14 p.m.
205 .5:15 p.m. to 5:19 p.m.
206 .5:20 p.m. to 5:24 p.m.
207 .5:25 p.m. to 5:29 p.m.
208 .5:30 p.m. to 5:34 p.m.
209 .5:35 p.m. to 5:39 p.m.
210 .5:40 p.m. to 5:44 p.m.
211 .5:45 p.m. to 5:49 p.m.
212 .5:50 p.m. to 5:54 p.m.
213 .5:55 p.m. to 5:59 p.m.
214 .6:00 p.m. to 6:04 p.m.
215 .6:05 p.m. to 6:09 p.m.
216 .6:10 p.m. to 6:14 p.m.
217 .6:15 p.m. to 6:19 p.m.
218 .6:20 p.m. to 6:24 p.m.
219 .6:25 p.m. to 6:29 p.m.
220 .6:30 p.m. to 6:34 p.m.
221 .6:35 p.m. to 6:39 p.m.
222 .6:40 p.m. to 6:44 p.m.
223 .6:45 p.m. to 6:49 p.m.
224 .6:50 p.m. to 6:54 p.m.
225 .6:55 p.m. to 6:59 p.m.

226 .7:00 p.m. to 7:04 p.m.
227 .7:05 p.m. to 7:09 p.m.
228 .7:10 p.m. to 7:14 p.m.
229 .7:15 p.m. to 7:19 p.m.
230 .7:20 p.m. to 7:24 p.m.
231 .7:25 p.m. to 7:29 p.m.
232 .7:30 p.m. to 7:34 p.m.
233 .7:35 p.m. to 7:39 p.m.
234 .7:40 p.m. to 7:44 p.m.
235 .7:45 p.m. to 7:49 p.m.
236 .7:50 p.m. to 7:54 p.m.
237 .7:55 p.m. to 7:59 p.m.
238 .8:00 p.m. to 8:04 p.m.
239 .8:05 p.m. to 8:09 p.m.
240 .8:10 p.m. to 8:14 p.m.
241 .8:15 p.m. to 8:19 p.m.
242 .8:20 p.m. to 8:24 p.m.
243 .8:25 p.m. to 8:29 p.m.
244 .8:30 p.m. to 8:34 p.m.
245 .8:35 p.m. to 8:39 p.m.
246 .8:40 p.m. to 8:44 p.m.
247 .8:45 p.m. to 8:49 p.m.
248 .8:50 p.m. to 8:54 p.m.
249 .8:55 p.m. to 8:59 p.m.
250 .9:00 p.m. to 9:04 p.m.
251 .9:05 p.m. to 9:09 p.m.
252 .9:10 p.m. to 9:14 p.m.
253 .9:15 p.m. to 9:19 p.m.
254 .9:20 p.m. to 9:24 p.m.
255 .9:25 p.m. to 9:29 p.m.
256 .9:30 p.m. to 9:34 p.m.
257 .9:35 p.m. to 9:39 p.m.
258 .9:40 p.m. to 9:44 p.m.
259 .9:45 p.m. to 9:49 p.m.
260 .9:50 p.m. to 9:54 p.m.
261 .9:55 p.m. to 9:59 p.m.
262 .10:00 p.m. to 10:04 p.m.
263 .10:05 p.m. to 10:09 p.m.
264 .10:10 p.m. to 10:14 p.m.
265 .10:15 p.m. to 10:19 p.m.
266 .10:20 p.m. to 10:24 p.m.
267 .10:25 p.m. to 10:29 p.m.
268 .10:30 p.m. to 10:34 p.m.
269 .10:35 p.m. to 10:39 p.m.
270 .10:40 p.m. to 10:44 p.m.
271 .10:45 p.m. to 10:49 p.m.
272 .10:50 p.m. to 10:55 p.m.
273 .10:55 p.m. to 10:59 p.m.
274 .11:00 p.m. to 11:04 p.m.
275 .11:05 p.m. to 11:09 p.m.
276 .11:10 p.m. to 11:14 p.m.
277 .11:15 p.m. to 11:19 p.m.
278 .11:20 p.m. to 11:24 p.m.
279 .11:25 p.m. to 11:29 p.m.
280 .11:30 p.m. to 11:34 p.m.
281 .11:35 p.m. to 11:39 p.m.
282 .11:40 p.m. to 11:44 p.m.

283 .11:45 p.m. to 11:49 p.m.
284 .11:50 p.m. to 11:54 p.m.
285 .11:55 p.m. to 11:59 p.m.

JWDP

Character 3

Time of departure for work - hour and minute

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

001 .12:00 a.m. to 12:29 a.m.
002 .12:30 a.m. to 12:59 a.m.
003 .1:00 a.m. to 1:29 a.m.
004 .1:30 a.m. to 1:59 a.m.
005 .2:00 a.m. to 2:29 a.m.
006 .2:30 a.m. to 2:59 a.m.
007 .3:00 a.m. to 3:09 a.m.
008 .3:10 a.m. to 3:19 a.m.
009 .3:20 a.m. to 3:29 a.m.
010 .3:30 a.m. to 3:39 a.m.
011 .3:40 a.m. to 3:49 a.m.
012 .3:50 a.m. to 3:59 a.m.
013 .4:00 a.m. to 4:09 a.m.
014 .4:10 a.m. to 4:19 a.m.
015 .4:20 a.m. to 4:29 a.m.
016 .4:30 a.m. to 4:39 a.m.
017 .4:40 a.m. to 4:49 a.m.
018 .4:50 a.m. to 4:59 a.m.
019 .5:00 a.m. to 5:04 a.m.
020 .5:05 a.m. to 5:09 a.m.
021 .5:10 a.m. to 5:14 a.m.
022 .5:15 a.m. to 5:19 a.m.
023 .5:20 a.m. to 5:24 a.m.
024 .5:25 a.m. to 5:29 a.m.
025 .5:30 a.m. to 5:34 a.m.
026 .5:35 a.m. to 5:39 a.m.
027 .5:40 a.m. to 5:44 a.m.
028 .5:45 a.m. to 5:49 a.m.
029 .5:50 a.m. to 5:54 a.m.
030 .5:55 a.m. to 5:59 a.m.
031 .6:00 a.m. to 6:04 a.m.
032 .6:05 a.m. to 6:09 a.m.
033 .6:10 a.m. to 6:14 a.m.
034 .6:15 a.m. to 6:19 a.m.
035 .6:20 a.m. to 6:24 a.m.
036 .6:25 a.m. to 6:29 a.m.
037 .6:30 a.m. to 6:34 a.m.
038 .6:35 a.m. to 6:39 a.m.
039 .6:40 a.m. to 6:44 a.m.
040 .6:45 a.m. to 6:49 a.m.
041 .6:50 a.m. to 6:54 a.m.
042 .6:55 a.m. to 6:59 a.m.
043 .7:00 a.m. to 7:04 a.m.
044 .7:05 a.m. to 7:09 a.m.
045 .7:10 a.m. to 7:14 a.m.
046 .7:15 a.m. to 7:19 a.m.
047 .7:20 a.m. to 7:24 a.m.
048 .7:25 a.m. to 7:29 a.m.
049 .7:30 a.m. to 7:34 a.m.
050 .7:35 a.m. to 7:39 a.m.

051 .7:40 a.m. to 7:44 a.m.
052 .7:45 a.m. to 7:49 a.m.
053 .7:50 a.m. to 7:54 a.m.
054 .7:55 a.m. to 7:59 a.m.
055 .8:00 a.m. to 8:04 a.m.
056 .8:05 a.m. to 8:09 a.m.
057 .8:10 a.m. to 8:14 a.m.
058 .8:15 a.m. to 8:19 a.m.
059 .8:20 a.m. to 8:24 a.m.
060 .8:25 a.m. to 8:29 a.m.
061 .8:30 a.m. to 8:34 a.m.
062 .8:35 a.m. to 8:39 a.m.
063 .8:40 a.m. to 8:44 a.m.
064 .8:45 a.m. to 8:49 a.m.
065 .8:50 a.m. to 8:54 a.m.
066 .8:55 a.m. to 8:59 a.m.
067 .9:00 a.m. to 9:04 a.m.
068 .9:05 a.m. to 9:09 a.m.
069 .9:10 a.m. to 9:14 a.m.
070 .9:15 a.m. to 9:19 a.m.
071 .9:20 a.m. to 9:24 a.m.
072 .9:25 a.m. to 9:29 a.m.
073 .9:30 a.m. to 9:34 a.m.
074 .9:35 a.m. to 9:39 a.m.
075 .9:40 a.m. to 9:44 a.m.
076 .9:45 a.m. to 9:49 a.m.
077 .9:50 a.m. to 9:54 a.m.
078 .9:55 a.m. to 9:59 a.m.
079 .10:00 a.m. to 10:09 a.m.
080 .10:10 a.m. to 10:19 a.m.
081 .10:20 a.m. to 10:29 a.m.
082 .10:30 a.m. to 10:39 a.m.
083 .10:40 a.m. to 10:49 a.m.
084 .10:50 a.m. to 10:59 a.m.
085 .11:00 a.m. to 11:09 a.m.
086 .11:10 a.m. to 11:19 a.m.
087 .11:20 a.m. to 11:29 a.m.
088 .11:30 a.m. to 11:39 a.m.
089 .11:40 a.m. to 11:49 a.m.
090 .11:50 a.m. to 11:59 a.m.
091 .12:00 p.m. to 12:09 p.m.
092 .12:10 p.m. to 12:19 p.m.
093 .12:20 p.m. to 12:29 p.m.
094 .12:30 p.m. to 12:39 p.m.
095 .12:40 p.m. to 12:49 p.m.
096 .12:50 p.m. to 12:59 p.m.
097 .1:00 p.m. to 1:09 p.m.
098 .1:10 p.m. to 1:19 p.m.
099 .1:20 p.m. to 1:29 p.m.
100 .1:30 p.m. to 1:39 p.m.
101 .1:40 p.m. to 1:49 p.m.
102 .1:50 p.m. to 1:59 p.m.
103 .2:00 p.m. to 2:09 p.m.
104 .2:10 p.m. to 2:19 p.m.
105 .2:20 p.m. to 2:29 p.m.
106 .2:30 p.m. to 2:39 p.m.
107 .2:40 p.m. to 2:49 p.m.

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

LANP Character 4

Language other than English spoken at home

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

1140 .Swedish
1141 .Danish
1142 .Norwegian
1155 .Italian
1170 .French
1175 .Cajun French
1200 .Spanish
1210 .Portuguese
1220 .Romanian
1231 .Irish
1235 .Greek
1242 .Albanian
1250 .Russian
1260 .Ukrainian
1262 .Czech
1263 .Slovak
1270 .Polish
1273 .Bulgarian
1274 .Macedonian
1275 .Serbocroatian
1276 .Bosnian
1277 .Croatian
1278 .Serbian
1281 .Lithuanian
1283 .Latvian
1288 .Armenian
1290 .Farsi
1292 .Dari
1315 .Kurdish
1327 .Pashto
1340 .India N.E.C.
1350 .Hindi
1360 .Urdu
1380 .Bengali
1420 .Punjabi
1435 .Konkani
1440 .Marathi
1450 .Gujarati
1500 .Nepali
1515 .Sindhi
1525 .Pakistan N.E.C.
1530 .Sinhala
1540 .Other Indo-Iranian languages
1564 .Other Indo-European languages
1565 .Finnish
1582 .Hungarian
1603 .Georgian
1652 .Uzbek
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
4750 .Hausa
4830 .Oromo
4840 .Somali
4880 .Other Afro-Asiatic languages
4900 .Nilo-Saharan languages
5150 .Swahili
5345 .Ganda
5365 .Kinyarwanda
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
6450 .Kru languages
6500 .Other Niger-Congo languages
6795 .Other languages of Africa

6800 .Aleut languages
6839 .Ojibwa
6930 .Apache languages
6933 .Navajo
6936 .Kiowa-Tanoan languages (2016 or earlier)
7019 .Dakota languages
7032 .Muskogean languages
7039 .Keres
7050 .Cherokee
7059 .Zuni (2016 or earlier)
7060 .Uto-Aztecán languages
7124 .Other Native North American languages
7300 .Other Central and South American languages
9999 .Other and unspecified languages

MIGPUMA Character 5

Migration PUMA based on 2010 Census definition

bbbbb .N/A (person less than 1 year old/lived in same
 .house 1 year ago)
00001 .Did not live in the United States or in Puerto Rico
 .one year ago
00002 .Lived in Puerto Rico one year ago and current
 .residence is in the U.S.
00100..70100 .Assigned Migration PUMA. Use with MIGSP.

MIGSP Character 3

Migration recode - State or foreign country code

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

032 .Nevada/NV
033 .New Hampshire/NH
034 .New Jersey/NJ
035 .New Mexico/NM
036 .New York/NY
037 .North Carolina/NC
038 .North Dakota/ND
039 .Ohio/OH
040 .Oklahoma/OK
041 .Oregon/OR
042 .Pennsylvania/PA
044 .Rhode Island/RI
045 .South Carolina/SC
046 .South Dakota/SD
047 .Tennessee/TN
048 .Texas/TX
049 .Utah/UT
050 .Vermont/VT
051 .Virginia/VA
053 .Washington/WA
054 .West Virginia/WV
055 .Wisconsin/WI
056 .Wyoming/WY
072 .Puerto Rico
109 .France
110 .Germany
111 .Northern Europe, Not Specified
113 .Eastern Europe, Not Specified
114 .Western Europe or Other Europe, Not Specified
120 .Italy
134 .Spain
138 .United Kingdom, Excluding England
139 .England
163 .Russia
164 .Ukraine (2017 or later)
200 .Afghanistan
207 .China, Hong Kong, Macau and Paracel Islands
210 .India
213 .Iraq (2016 or earlier)
214 .Israel (2017 or later)
215 .Japan
217 .Korea
229 .Nepal
231 .Pakistan
233 .Philippines
235 .Saudi Arabia
240 .Taiwan
242 .Thailand
243 .Turkey
245 .United Arab Emirates (2017 or later)
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 (2017 or later)
370 .Peru (2017 or later)
373 .Venezuela (2017 or later)
374 .South America, Not Specified
414 .Egypt
416 .Ethiopia (2017 or later)
427 .Kenya (2017 or later)
440 .Nigeria
467 .Western Africa, Not Specified
468 .Northern Africa or Other Africa, Not Specified
469 .Eastern Africa, Not Specified
501 .Australia
555 .Other US Island Areas, Oceania, Not Specified, or At Sea

MSP Character 1

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

NAICSP Character 8

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

bbbbbbbb .N/A (less than 16 years old/NILF who last worked more than 5 years ago or never worked)
111 .AGR-Crop Production
112 .AGR-Animal Production And Aquaculture
1133 .AGR-Logging
113M .AGR-Forestry Except Logging
114 .AGR-Fishing, Hunting, And Trapping
115 .AGR-Support Activities For Agriculture And Forestry
211 .EXT-Oil And Gas Extraction
2121 .EXT-Coal Mining
2122 .EXT-Metal Ore Mining
2123 .EXT-Nonmetallic Mineral Mining And Quarrying
213 .EXT-Support Activities For Mining
2211P .UTL-Electric Power Generation, Transmission And Distribution
2212P .UTL-Natural Gas Distribution
22132 .UTL-Sewage Treatment Facilities
2213M .UTL-Water, Steam, Air Conditioning, And Irrigation Systems
221MP .UTL-Electric And Gas, And Other Combinations

22S .UTL-Not Specified Utilities
23 .CON-Construction, (The Cleaning Of Buildings And
.Dwellings Is Incidental During Construction And
.Immediately After Construction)
3113 .MFG-Sugar And Confectionery Products
3114 .MFG-Fruit And Vegetable Preserving And Specialty Foods
3115 .MFG-Dairy Products
3116 .MFG-Animal Slaughtering And Processing
311811 .MFG-Retail Bakeries
3118Z .MFG-Bakeries And Tortilla, Except Retail Bakeries
311M1 .MFG-Animal Food, Grain And Oilseed Milling
311M2 .MFG-Seafood And Other Miscellaneous Foods, N.E.C.
311S .MFG-Not Specified Food Industries
3121 .MFG-Beverage
3122 .MFG-Tobacco
3131 .MFG-Fiber, Yarn, And Thread Mills
3132Z .MFG-Fabric Mills, Except Knitting Mills
3133 .MFG-Textile And Fabric Finishing And Fabric Coating
.Mills
31411 .MFG-Carpet And Rug Mills
314Z .MFG-Textile Product Mills, Except Carpet And Rug
315M .MFG-Cut And Sew, And Apparel Accessories And Other
.Apparel
3162 .MFG-Footwear
316M .MFG-Leather Tanning And Finishing And Other Allied
.Products Manufacturing
31M .MFG-Knitting Fabric Mills, And Apparel Knitting Mills
3211 .MFG-Sawmills And Wood Preservation
3212 .MFG-Veneer, Plywood, And Engineered Wood Products
32199M .MFG-Prefabricated Wood Buildings And Mobile Homes
3219ZM .MFG-Miscellaneous Wood Products
3221 .MFG-Pulp, Paper, And Paperboard Mills
32221 .MFG-Paperboard Container
3222M .MFG-Miscellaneous Paper And Pulp Products
3231 .MFG-Printing And Related Support Activities
3241M .MFG-Miscellaneous Petroleum And Coal Products
32411 .MFG-Petroleum Refining
3252 .MFG-Resin, Synthetic Rubber, And Fibers And Filaments
3253 .MFG-Agricultural Chemicals
3254 .MFG-Pharmaceuticals And Medicines
3255 .MFG-Paint, Coating, And Adhesives
3256 .MFG-Soap, Cleaning Compound, And Cosmetics
325M .MFG-Industrial And Miscellaneous Chemicals
3261 .MFG-Plastics Products
32621 .MFG-Tires
3262M .MFG-Rubber Products, Except Tires
32711 .MFG-Pottery, Ceramics, And Plumbing Fixture
.Manufacturing
327120 .MFG-Clay Building Material And Refractories
3272 .MFG-Glass And Glass Products
3279 .MFG-Miscellaneous Nonmetallic Mineral Products
327M .MFG-Cement, Concrete, Lime, And Gypsum Products
3313 .MFG-Aluminum Production And Processing
3314 .MFG-Nonferrous Metal, Except Aluminum, Production And
.Processing
3315 .MFG-Foundries
331M .MFG-Iron And Steel Mills And Steel Products

3321 .MFG-Metal forgings And Stampings
3322 .MFG-Cutlery And Hand Tools
3327 .MFG-Machine Shops; Turned Products; Screws, Nuts And
.Bolts
3328 .MFG-Coating, Engraving, Heat Treating And Allied
.Activities
33299M .MFG-Ordnance
332M .MFG-Structural Metals, And Boiler, Tank, And Shipping
.Containers
332MZ .MFG-Miscellaneous Fabricated Metal Products
33311 .MFG-Agricultural Implements
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 Manufacturing, N.E.C. Or Not Specified
3341 .MFG-Computer And Peripheral Equipment
3345 .MFG-Navigational, Measuring, Electromedical, And
.Control Instruments
334M1 .MFG-Communications, And Audio And Video Equipment
334M2 .MFG-Electronic Components And Products, N.E.C.
3352 .MFG-Household Appliances
335M .MFG-Electric Lighting, And Electrical Equipment
.Manufacturing, And Other Electrical Component
.Manufacturing, N.E.C.
33641M1 .MFG-Aircraft And Parts
33641M2 .MFG-Aerospace Products And Parts
3365 .MFG-Railroad Rolling Stock
3366 .MFG-Ship And Boat Building
3369 .MFG-Other Transportation Equipment
336M .MFG-Motor Vehicles And Motor Vehicle Equipment
337 .MFG-Furniture And Related Products
3391 .MFG-Medical Equipment And Supplies
3399M .MFG-Sporting And Athletic Goods, And Doll, Toy, And
.Game Manufacturing
3399ZM .MFG-Miscellaneous Manufacturing, N.E.C.
33MS .MFG-Not Specified Metal Industries
3MS .MFG-Not Specified Industries
4231 .WHL-Motor Vehicles And Motor Vehicle Parts And Supplies
.Merchant Wholesalers
4232 .WHL-Furniture And Home Furnishing Merchant Wholesalers
4233 .WHL-Lumber And Other Construction Materials Merchant
.Wholesalers
4234 .WHL-Professional And Commercial Equipment And Supplies
.Merchant Wholesalers
4235 .WHL-Metals And Minerals, Except Petroleum, Merchant
.Wholesalers
4236 .WHL-Household Appliances And Electrical And Electronic
.Goods Merchant Wholesalers
4237 .WHL-Hardware, And Plumbing And Heating Equipment, And
.Supplies Merchant Wholesalers
4238 .WHL-Machinery, Equipment, And Supplies Merchant
.Wholesalers
42393 .WHL-Recyclable Material Merchant Wholesalers
4239Z .WHL-Miscellaneous Durable Goods Merchant Wholesalers
4241 .WHL-Paper And Paper Products Merchant Wholesalers

4243 .WHL-Apparel, Piece Goods, And Notions Merchant
.Wholesalers
4244 .WHL-Grocery And Related Product Merchant Wholesalers
4245 .WHL-Farm Product Raw Material Merchant Wholesalers
4247 .WHL-Petroleum And Petroleum Products Merchant
.Wholesalers
4248 .WHL-Alcoholic Beverages Merchant Wholesalers
42491 .WHL-Farm Supplies Merchant Wholesalers
4249Z .WHL-Miscellaneous Nondurable Goods Merchant Wholesalers
424M .WHL-Drugs, Sundries, And Chemical And Allied Products
.Merchant Wholesalers
4251 .WHL-Wholesale Electronic Markets And Agents And Brokers
42S .WHL-Not Specified Wholesale Trade
4411 .RET-Automobile Dealers
4412 .RET-Other Motor Vehicle Dealers
4413 .RET-Automotive Parts, Accessories, And Tire Stores
442 .RET-Furniture And Home Furnishings Stores
443141 .RET-Household Appliance Stores
443142 .RET-Electronics Stores
44413 .RET-Hardware Stores
4441Z .RET-Building Material And Supplies Dealers
4442 .RET-Lawn And Garden Equipment And Supplies Stores
44511 .RET-Supermarkets And Grocery (Except Convenience)
.Stores
44512 .RET-Convenience Stores
4452 .RET-Specialty Food Stores
4453 .RET-Beer, Wine, And Liquor Stores
44611 .RET-Pharmacies And Drug Stores
446Z .RET-Health And Personal Care, Except Drug, Stores
447 .RET-Gasoline Stations
44821 .RET-Shoe Stores
4483 .RET-Jewelry, Luggage, And Leather Goods Stores
4481 .RET-Clothing Stores
45113 .RET-Sewing, Needlework, And Piece Goods Stores
45114 .RET-Musical Instrument And Supplies Stores
4511M .RET-Sporting Goods, And Hobby And Toy Stores
45121 .RET-Book Stores And News Dealers
45221 .RET-Department Stores
4523 .RET-General Merchandise Stores, Including Warehouse
.Clubs and Supercenters
4531 .RET-Florists
45321 .RET-Office Supplies And Stationery Stores
45322 .RET-Gift, Novelty, And Souvenir Shops
4533 .RET-Used Merchandise Stores
4539 .RET-Miscellaneous Retail Stores
454110 .RET-Electronic Shopping And Mail-Order Houses
4542 .RET-Vending Machine Operators
454310 .RET-Fuel Dealers
45439 .RET-Other Direct Selling Establishments
4MS .RET-Not Specified Retail Trade
481 .TRN-Air Transportation
482 .TRN-Rail Transportation
483 .TRN-Water Transportation
484 .TRN-Truck Transportation
4853 .TRN-Taxi And Limousine Service
485M .TRN-Bus Service And Urban Transit
486 .TRN-Pipeline Transportation

487 .TRN-Scenic And Sightseeing Transportation
488 .TRN-Services Incidental To Transportation
491 .TRN-Postal Service
492 .TRN-Couriers And Messengers
493 .TRN-Warehousing And Storage
51111 .INF-Newspaper Publishers
5111Z .INF-Periodical, Book, And Directory Publishers
5112 .INF-Software Publishers
5121 .INF-Motion Picture And Video Industries
5122 .INF-Sound Recording Industries
515 .INF-Broadcasting, Except Internet
517311 .INF-Wired Telecommunications Carriers
517Z .INF-Telecommunications, Except Wired Telecommunications
.Carriers
5182 .INF-Data Processing, Hosting, And Related Services
51912 .INF-Libraries And Archives
51913 .INF-Internet Publishing And Broadcasting And Web Search
.Portals
5191ZM .INF-Other Information Services, Except Libraries And
.Archives, And Internet Publishing And Broadcasting And
.Web Search Portals
5221M .FIN-Savings Institutions, Including Credit Unions
522M .FIN-Nondepositary Credit And Related Activities
5241 .FIN-Insurance Carriers
5242 .FIN-Agencies, Brokerages, And Other Insurance Related
.Activities
52M1 .FIN-Banking And Related Activities
52M2 .FIN-Securities, Commodities, Funds, Trusts, And Other
.Financial Investments
531M .FIN-Lessors Of Real Estate, And Offices Of Real Estate
.Agents And Brokers
5313 .FIN-Real Estate Property Managers, Offices of Real
.Estate Appraisers, And Other Activities Related to Real
.Estate
5321 .FIN-Automotive Equipment Rental And Leasing
532M2 .FIN-Other Consumer Goods Rental
53M .FIN-Commercial, Industrial, And Other Intangible Assets
.Rental And Leasing
5411 .PRF-Legal Services
5412 .PRF-Accounting, Tax Preparation, Bookkeeping, And
.Payroll Services
5413 .PRF-Architectural, Engineering, And Related Services
5414 .PRF-Specialized Design Services
5415 .PRF-Computer Systems Design And Related Services
5416 .PRF-Management, Scientific, And Technical Consulting
.Services
5417 .PRF-Scientific Research And Development Services
5418 .PRF-Advertising, Public Relations, And Related Services
54194 .PRF-Veterinary Services
5419Z .PRF-Other Professional, Scientific, And Technical
.Services
55 .PRF-Management Of Companies And Enterprises
5613 .PRF-Employment Services
5614 .PRF-Business Support Services
5615 .PRF-Travel Arrangements And Reservation Services
5616 .PRF-Investigation And Security Services
56173 .PRF-Landscaping Services

5617Z .PRF-Services To Buildings And Dwellings (Except Cleaning During Construction And Immediately After Construction)
561M .PRF-Other Administrative And Other Support Services
562 .PRF-Waste Management And Remediation Services
6111 .EDU-Elementary And Secondary Schools
611M1 .EDU-Colleges, Universities, And Professional Schools, Including Junior Colleges
611M2 .EDU-Business, Technical, And Trade Schools And Training
611M3 .EDU-Other Schools And Instruction, And Educational Support Services
6211 .MED-Offices Of Physicians
6212 .MED-Offices Of Dentists
62131 .MED-Offices Of Chiropractors
62132 .MED-Offices Of Optometrists
6213ZM .MED-Offices Of Other Health Practitioners
6214 .MED-Outpatient Care Centers
6216 .MED-Home Health Care Services
621M .MED-Other Health Care Services
622M .MED-General Medical And Surgical Hospitals, And Specialty (Except Psychiatric And Substance Abuse) Hospitals
6222 .MED-Psychiatric And Substance Abuse Hospitals
6231 .MED-Nursing Care Facilities (Skilled Nursing Facilities)
623M .MED-Residential Care Facilities, Except Skilled Nursing Facilities
6241 .SCA-Individual And Family Services
6242 .SCA-Community Food And Housing, And Emergency Services
6243 .SCA-Vocational Rehabilitation Services
6244 .SCA-Child Day Care Services
7111 .ENT-Performing Arts Companies
7112 .ENT-Spectator Sports
711M .ENT-Promoters Of Performing Arts, Sports, And Similar Events, Agents And Managers For Artists, Athletes, Entertainers, And Other Public Figures
7115 .Independent Artists, Writers, And Performers
712 .ENT-Museums, Art Galleries, Historical Sites, And Similar Institutions
71395 .ENT-Bowling Centers
713Z .ENT-Other Amusement, Gambling, And Recreation Industries
7211 .ENT-Traveler Accommodation
721M .Recreational Vehicle Parks And Camps, And Rooming And Boarding House, Dormitories, And Workers' Camps
7224 .ENT-Drinking Places, Alcoholic Beverages
722Z .ENT-Restaurants And Other Food Services
811192 .SRV-Car Washes
8111Z .SRV-Automotive Repair And Maintenance
8112 .SRV-Electronic And Precision Equipment Repair And Maintenance
8113 .SRV-Commercial And Industrial Machinery And Equipment Repair And Maintenance
8114 .SRV-Personal And Household Goods Repair And Maintenance
812111 .SRV-Barber Shops
812112 .SRV-Beauty Salons
8121M .SRV-Nail Salons And Other Personal Care Services

8122	.SRV-Funeral Homes, Cemeteries And Crematories
8123	.SRV-Drycleaning And Laundry Services
8129	.SRV-Other Personal Services
8131	.SRV-Religious Organizations
81393	.SRV-Labor Unions
8139Z	.SRV-Business, Professional, Political, And Similar Organizations
813M	.SRV-Civic, Social, Advocacy Organizations, And Grantmaking And Giving Services
814	.SRV-Private Households
92113	.ADM-Public Finance Activities
92119	.ADM-Other General Government And Support
9211MP	.ADM-Executive Offices And Legislative Bodies
923	.ADM-Administration Of Human Resource Programs
928110P1	.MIL-U.S. Army
928110P2	.MIL-U.S. Air Force
928110P3	.MIL-U.S. Navy
928110P4	.MIL-U.S. Marines
928110P5	.MIL-U.S. Coast Guard
928110P6	.MIL-U.S. Armed Forces, Branch Not Specified
928110P7	.MIL-Military Reserves Or National Guard
928P	.ADM-National Security And International Affairs
92M1	.ADM-Administration Of Environmental Quality And Housing Programs
92M2	.ADM-Administration Of Economic Programs And Space Research
92MP	.ADM-Justice, Public Order, And Safety Activities
999920	.Unemployed And Last Worked 5 Years Ago Or Earlier Or Never Worked

NATIVITY Character 1

Nativity

- 1 .Native
- 2 .Foreign born

NOP Character 1

Nativity of parent

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

OC Character 1

Own child

- b .N/A (in GQ for 2017 and later)
- 0 .No and GQ records for 2016 and earlier
- 1 .Yes

OCCP Character 4

Occupation recode for 2018 and later based on 2018 OCC codes

bbbb .N/A (less than 16 years old/NILF who last worked more than .5 years ago or never worked)

0010 .MGR-Chief Executives And Legislators

0020 .MGR-General And Operations Managers

0040 .MGR-Advertising And Promotions Managers

0051 .MGR-Marketing Managers

0052 .MGR-Sales Managers

0060 .MGR-Public Relations And Fundraising Managers

0101 .MGR-Administrative Services Managers

0102 .MGR-Facilities Managers

0110 .MGR-Computer And Information Systems Managers

0120 .MGR-Financial Managers

0135 .MGR-Compensation And Benefits Managers

0136 .MGR-Human Resources Managers

0137 .MGR-Training And Development Managers

0140 .MGR-Industrial Production Managers

0150 .MGR-Purchasing Managers

0160 .MGR-Transportation, Storage, And Distribution Managers

0205 .MGR-Farmers, Ranchers, And Other Agricultural Managers

0220 .MGR-Construction Managers

0230 .MGR-Education And Childcare Administrators

0300 .MGR-Architectural And Engineering Managers

0310 .MGR-Food Service Managers

0335 .MGR-Entertainment and Recreation Managers

0340 .MGR-Lodging Managers

0350 .MGR-Medical And Health Services Managers

0360 .MGR-Natural Sciences Managers

0410 .MGR-Property, Real Estate, And Community Association Managers

0420 .MGR-Social And Community Service Managers

0425 .MGR-Emergency Management Directors

0440 .MGR-Other Managers

0500 .BUS-Agents And Business Managers Of Artists, Performers, And Athletes

0510 .BUS-Buyers And Purchasing Agents, Farm Products

0520 .BUS-Wholesale And Retail Buyers, Except Farm Products

0530 .BUS-Purchasing Agents, Except Wholesale, Retail, And Farm Products

0540 .BUS-Claims Adjusters, Appraisers, Examiners, And Investigators

0565 .BUS-Compliance Officers

0600 .BUS-Cost Estimators

0630 .BUS-Human Resources Workers

0640 .BUS-Compensation, Benefits, And Job Analysis Specialists

0650 .BUS-Training And Development Specialists

0700 .BUS-Logisticians

0705 .BUS-Project Management Specialists

0710 .BUS-Management Analysts

0725 .BUS-Meeting, Convention, And Event Planners

0726 .BUS-Fundraisers

0735 .BUS-Market Research Analysts And Marketing Specialists

0750 .BUS-Business Operations Specialists, All Other

0800 .FIN-Accountants And Auditors

0810 .FIN-Property Appraisers and Assessors

0820 .FIN-Budget Analysts

0830 .FIN-Credit Analysts

0845 .FIN-Financial And Investment Analysts

0850 .FIN-Personal Financial Advisors
0860 .FIN-Insurance Underwriters
0900 .FIN-Financial Examiners
0910 .FIN-Credit Counselors And Loan Officers
0930 .FIN-Tax Examiners And Collectors, And Revenue Agents
0940 .FIN-Tax Preparers
0960 .FIN-Other Financial Specialists
1005 .CMM-Computer And Information Research Scientists
1006 .CMM-Computer Systems Analysts
1007 .CMM-Information Security Analysts
1010 .CMM-Computer Programmers
1021 .CMM-Software Developers
1022 .CMM-Software Quality Assurance Analysts and Testers
1031 .CMM-Web Developers
1032 .CMM-Web And Digital Interface Designers
1050 .CMM-Computer Support Specialists
1065 .CMM-Database Administrators and Architects
1105 .CMM-Network And Computer Systems Administrators
1106 .CMM-Computer Network Architects
1108 .CMM-Computer Occupations, All Other
1200 .CMM-Actuaries
1220 .CMM-Operations Research Analysts
1240 .CMM-Other Mathematical Science Occupations
1305 .ENG-Architects, Except Landscape And Naval
1306 .ENG-Landscape Architects
1310 .ENG-Surveyors, Cartographers, And Photogrammetrists
1320 .ENG-Aerospace Engineers
1340 .ENG-Biomedical And Agricultural Engineers
1350 .ENG-Chemical Engineers
1360 .ENG-Civil Engineers
1400 .ENG-Computer Hardware Engineers
1410 .ENG-Electrical And Electronics Engineers
1420 .ENG-Environmental Engineers
1430 .ENG-Industrial Engineers, Including Health And Safety
1440 .ENG-Marine Engineers And Naval Architects
1450 .ENG-Materials Engineers
1460 .ENG-Mechanical Engineers
1520 .ENG-Petroleum, Mining And Geological Engineers, Including
.Mining Safety Engineers
1530 .ENG-Other Engineers
1541 .ENG-Architectural And Civil Drafters
1545 .ENG-Other Drafters
1551 .ENG-Electrical And Electronic Engineering Technologists and
.Technicians
1555 .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 Windows Trimmers
2640 .ENT-Other Designers
2700 .ENT-Actors
2710 .ENT-Producers And Directors
2721 .ENT-Athletes and Sports Competitors
2722 .ENT-Coaches and Scouts
2723 .ENT-Umpires, Referees, And Other Sports Officials
2740 .ENT-Dancers And Choreographers
2751 .ENT-Music Directors and Composers
2752 .ENT-Musicians and Singers
2755 .ENT-Disc Jockeys, Except Radio
2770 .ENT-Entertainers And Performers, Sports and Related Workers, All Other
2805 .ENT-Broadcast Announcers And Radio Disc Jockeys
2810 .ENT-News Analysts, Reporters And Correspondents
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 Motion Picture 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 Fire Fighting And Prevention
.Workers
3725 .PRT-First-Line Supervisors of Security And Protective
.Service Workers, All Other
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 Gaming 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, Medial, 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 Installers And Repairers
6710 .CON-Fence Erectors
6720 .CON-Hazardous Materials Removal Workers
6730 .CON-Highway Maintenance Workers
6740 .CON-Rail-Track Laying And Maintenance Equipment Operators
6765 .CON-Other Construction And Related Workers
6800 .EXT-Derrick, Rotary Drill, And Service Unit Operators, And
.Roustabouts, Oil, Gas, And Mining
6825 .EXT-Surface Mining Machine Operators And Earth Drillers
6835 .EXT-Explosives Workers, Ordnance Handling Experts, and
.Blasters
6850 .EXT-Underground Mining Machine Operators
6950 .EXT-Other Extraction Workers
7000 .RPR-First-Line Supervisors Of Mechanics, Installers, And
.Repairers
7010 .RPR-Computer, Automated Teller, And Office Machine
.Repairers
7020 .RPR-Radio And Telecommunications Equipment Installers And
.Repairers
7030 .RPR-Avionics Technicians
7040 .RPR-Electric Motor, Power Tool, And Related Repairers
7100 .RPR-Other Electrical And Electronic Equipment Mechanics,
.Installers, And Repairers.

7120 .RPR-Electronic Home Entertainment 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 .Grinding, Lapping, Polishing, And Buffing Machine Tool
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 Lot 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 And Last Worked 5 Years Ago Or Earlier Or Never
 .Worked

PAOC Character 1

Presence and age of own children

- b .N/A (male/female under 16 years old/GQ)
- 1 .Females with own children under 6 years only
- 2 .Females with own children 6 to 17 years only
- 3 .Females with own children under 6 years and 6 to 17 years
- 4 .Females with no own children

PERNP Numeric 7

Total person's earnings (use ADJINC to adjust to constant dollars)

bbbbbbb	.N/A (less than 15 years old)
0	.No earnings
-10000	.Loss of \$10000 or more (Rounded and bottom-coded components)
-9999..-1	.Loss \$1 to \$9999 (Rounded components)
1..1999998	.\$1 to \$1999998 (Rounded and top-coded components)

PINCP Numeric 7

Total person's income (signed, use ADJINC to adjust to constant dollars)

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

POBP Character 3

Place of birth (Recode)

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

049 .Utah/UT
050 .Vermont/VT
051 .Virginia/VA
053 .Washington/WA
054 .West Virginia/WV
055 .Wisconsin/WI
056 .Wyoming/WY
060 .American Samoa
066 .Guam
069 .Commonwealth of the Northern Mariana Islands
072 .Puerto Rico
078 .US Virgin Islands
100 .Albania
102 .Austria
103 .Belgium
104 .Bulgaria
105 .Czechoslovakia
106 .Denmark
108 .Finland
109 .France
110 .Germany
116 .Greece
117 .Hungary
118 .Iceland
119 .Ireland
120 .Italy
126 .Netherlands
127 .Norway
128 .Poland
129 .Portugal
130 .Azores Islands
132 .Romania
134 .Spain
136 .Sweden
137 .Switzerland
138 .United Kingdom, Not Specified
139 .England
140 .Scotland
142 .Northern Ireland (2017 or later)
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 (2017 or later)

167 .Kosovo (2017 or later)
168 .Montenegro
169 .Other Europe, Not Specified
200 .Afghanistan
202 .Bangladesh
203 .Bhutan
205 .Myanmar
206 .Cambodia
207 .China
208 .Cyprus (2016 or earlier)
209 .Hong Kong
210 .India
211 .Indonesia
212 .Iran
213 .Iraq
214 .Israel
215 .Japan
216 .Jordan
217 .Korea
218 .Kazakhstan
219 .Kyrgyzstan (2017 or later)
222 .Kuwait
223 .Laos
224 .Lebanon
226 .Malaysia
228 .Mongolia (2017 or later)
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 (2017 or later)
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 (2017 or later)
427 .Kenya
429 .Liberia
430 .Libya
436 .Morocco
440 .Nigeria
442 .Rwanda (2017 or later)
444 .Senegal
447 .Sierra Leone
448 .Somalia
449 .South Africa
451 .Sudan
453 .Tanzania
454 .Togo
456 .Tunisia (2017 or later)
457 .Uganda
459 .Democratic Republic of Congo (Zaire)
460 .Zambia
461 .Zimbabwe
462 .Africa
463 .South Sudan (2017 or later)
464 .Northern Africa, Not Specified
467 .Western Africa, Not Specified

468 .Other Africa, Not Specified
469 .Eastern Africa, Not Specified
501 .Australia
508 .Fiji
511 .Marshall Islands
512 .Micronesia
515 .New Zealand
523 .Tonga
527 .Samoa
554 .Other US Island Areas, Oceania, Not Specified, or at Sea

POVPIP Numeric 3

Income-to-poverty ratio recode

bbb .N/A
0..500 .Below 501 percent
501 .501 percent or more

POWPUMA Character 5

Place of work PUMA based on 2010 Census definitions

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..70100 .Assigned Place of work PUMA. Use with POWSP.

POWSP Character 3

Place of work - State or foreign country recode

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

001 .Alabama/AL
002 .Alaska/AK
004 .Arizona/AZ
005 .Arkansas/AR
006 .California/CA
008 .Colorado/CO
009 .Connecticut/CT
010 .Delaware/DE
011 .District of Columbia/DC
012 .Florida/FL
013 .Georgia/GA
015 .Hawaii/HI
016 .Idaho/ID
017 .Illinois/IL
018 .Indiana/IN
019 .Iowa/IA
020 .Kansas/KS
021 .Kentucky/KY
022 .Louisiana/LA
023 .Maine/ME
024 .Maryland/MD
025 .Massachusetts/MA
026 .Michigan/MI
027 .Minnesota/MN
028 .Mississippi/MS
029 .Missouri/MO

030 .Montana/MT
031 .Nebraska/NE
032 .Nevada/NV
033 .New Hampshire/NH
034 .New Jersey/NJ
035 .New Mexico/NM
036 .New York/NY
037 .North Carolina/NC
038 .North Dakota/ND
039 .Ohio/OH
040 .Oklahoma/OK
041 .Oregon/OR
042 .Pennsylvania/PA
044 .Rhode Island/RI
045 .South Carolina/SC
046 .South Dakota/SD
047 .Tennessee/TN
048 .Texas/TX
049 .Utah/UT
050 .Vermont/VT
051 .Virginia/VA
053 .Washington/WA
054 .West Virginia/WV
055 .Wisconsin/WI
056 .Wyoming/WY
072 .Puerto Rico
166 .Europe
251 .Eastern Asia
254 .Other Asia, Not Specified
301 .Canada
303 .Mexico
399 .Americas, Not Specified
555 .Other US Island Areas Not Specified, Africa, Oceania, at Sea, or Abroad, Not Specified

PRIVCOV Character 1

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

PUBCOV Character 1

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

QTRBIR Character 1

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

RAC1P Character 1

Recoded detailed race code
1 .White alone
2 .Black or African American alone

- 3 .American Indian alone
- 4 .Alaska Native alone
- 5 .American Indian and Alaska Native tribes specified; or
.American Indian or Alaska Native, not specified and no other
.races
- 6 .Asian alone
- 7 .Native Hawaiian and Other Pacific Islander alone
- 8 .Some Other Race alone
- 9 .Two or More Races

RAC2P Character 2

Recoded detailed race code

- 01 .White alone
- 02 .Black or African American alone
- 03 .Apache alone
- 04 .Blackfeet alone
- 05 .Cherokee alone
- 06 .Cheyenne alone
- 07 .Chickasaw alone
- 08 .Chippewa alone
- 09 .Choctaw alone
- 10 .Comanche alone
- 11 .Creek alone
- 12 .Crow alone
- 13 .Hopi alone
- 14 .Iroquois alone
- 15 .Lumbee alone
- 16 .Mexican American Indian alone
- 17 .Navajo alone
- 18 .Pima alone
- 19 .Potawatomi alone
- 20 .Pueblo alone
- 21 .Puget Sound Salish alone
- 22 .Seminole alone
- 23 .Sioux alone
- 24 .South American Indian alone
- 25 .Tohono O'Odham alone
- 26 .Yaqui alone
- 27 .Other specified American Indian tribes alone
- 28 .All other specified American Indian tribe combinations
- 29 .American Indian, tribe not specified
- 30 .Alaskan Athabascan alone
- 31 .Tlingit-Haida alone
- 32 .Inupiat alone
- 33 .Yup'ik alone
- 34 .Aleut alone
- 35 .Other Alaska Native
- 36 .Other American Indian and Alaska Native specified
- 37 .American Indian and Alaska Native, not specified
- 38 .Asian Indian alone
- 39 .Bangladeshi alone
- 40 .Bhutanese alone
- 41 .Burmese alone
- 42 .Cambodian alone
- 43 .Chinese, except Taiwanese, alone
- 44 .Taiwanese alone
- 45 .Filipino alone

46 .Hmong alone
47 .Indonesian alone
48 .Japanese alone
49 .Korean alone
50 .Laotian alone
51 .Malaysian alone
52 .Mongolian alone
53 .Nepalese alone
54 .Pakistani alone
55 .Sri Lankan alone
56 .Thai alone
57 .Vietnamese alone
58 .Other Asian alone
59 .All combinations of Asian races only
60 .Native Hawaiian alone
61 .Samoan alone
62 .Tongan alone
63 .Guamanian or Chamorro alone
64 .Marshallese alone
65 .Fijian alone
66 .Other Native Hawaiian and Other Pacific Islander
67 .Some Other Race alone
68 .Two or More Races

RAC3P Character 3

Recoded detailed race code

001 .White alone
002 .Black or African American alone
003 .American Indian and Alaska Native alone
004 .Asian Indian alone
005 .Chinese alone
006 .Filipino alone
007 .Japanese alone
008 .Korean alone
009 .Vietnamese alone
010 .Other Asian alone
011 .Native Hawaiian alone
012 .Guamanian or Chamorro alone
013 .Samoan alone
014 .Other Pacific Islander alone
015 .Some Other Race alone
016 .White; Black or African American
017 .White; American Indian and Alaska Native
018 .White; Asian Indian
019 .White; Chinese
020 .White; Filipino
021 .White; Japanese
022 .White; Korean
023 .White; Vietnamese
024 .White; Other Asian
025 .White; Native Hawaiian
026 .White; Guamanian or Chamorro
027 .White; Samoan
028 .White; Other Pacific Islander
029 .White; Some Other Race
030 .Black or African American; American Indian and Alaska Native
031 .Black or African American; Asian Indian

032 .Black or African American; Chinese
033 .Black or African American; Filipino
034 .Black or African American; Japanese
035 .Black or African American; Korean
036 .Black or African American; Other Asian
037 .Black or African American; Other Pacific Islander
038 .Black or African American; Some Other Race
039 .American Indian and Alaska Native; Asian Indian
040 .American Indian and Alaska Native; Filipino
041 .American Indian and Alaska Native; Some Other Race
042 .Asian Indian; Other Asian
043 .Asian Indian; Some Other Race
044 .Chinese; Filipino
045 .Chinese; Japanese
046 .Chinese; Korean
047 .Chinese; Vietnamese
048 .Chinese; Other Asian
049 .Chinese; Native Hawaiian
050 .Filipino; Japanese
051 .Filipino; Native Hawaiian
052 .Filipino; Other Pacific Islander
053 .Filipino; Some Other Race
054 .Japanese; Korean
055 .Japanese; Native Hawaiian
056 .Vietnamese; Other Asian
057 .Other Asian; Other Pacific Islander
058 .Other Asian; Some Other Race
059 .Other Pacific Islander; Some Other Race
060 .White; Black or African American; American Indian and Alaska
.Native
061 .White; Black or African American; Filipino
062 .White; Black or African American; Some Other Race
063 .White; American Indian and Alaska Native; Filipino
064 .White; American Indian and Alaska Native; Some Other Race
065 .White; Chinese; Filipino
066 .White; Chinese; Japanese
067 .White; Chinese; Native Hawaiian
068 .White; Filipino; Native Hawaiian
069 .White; Japanese; Native Hawaiian
070 .White; Other Asian; Some Other Race
071 .Chinese; Filipino; Native Hawaiian
072 .White; Chinese; Filipino; Native Hawaiian
073 .White; Chinese; Japanese; Native Hawaiian
074 .Black or African American; Asian groups
075 .Black or African American; Native Hawaiian and Other Pacific
.Islander groups
076 .Asian Indian; Asian groups
077 .Filipino; Asian groups
078 .White; Black or African American; Asian groups
079 .White; American Indian and Alaska Native; Asian groups
080 .White; Native Hawaiian and Other Pacific Islander groups;
.and/or Some Other Race
081 .White; Black or African American; American Indian and Alaska
.Native; Asian groups
082 .White; Black or African American; American Indian and Alaska
.Native; and/or Native Hawaiian and Other Pacific Islander
.groups; and/or Some Other Race

083 .White; Black or African American; and/or Asian groups;
.and/or Native Hawaiian and Other Pacific Islander groups;
.and/or Some Other Race

084 .White; American Indian and Alaska Native; and/or Asian
.groups; and/or Native Hawaiian and Other Pacific Islander
.groups

085 .White; Chinese; Filipino; and/or Asian groups; and/or Native
.Hawaiian and Other Pacific Islander groups; and/or Some
.Other Race

086 .White; Chinese; and/or Asian groups; and/or Native Hawaiian
.and Other Pacific Islander groups; and/or Some Other Race

087 .White; Filipino; and/or Native Hawaiian and Other Pacific
.Islander groups; and/or Some Other Race

088 .White; Japanese; and/or Asian groups; and/or Native Hawaiian
.and Other Pacific Islander groups; and/or Some Other Race

089 .White; Asian groups; and/or Native Hawaiian and Other
.Pacific Islander groups; and/or Some Other Race

090 .Black or African American; American Indian and Alaska
.Native; and/or Asian groups; and/or Native Hawaiian and
.Other Pacific Islander groups; and/or Some Other Race

091 .Black or African American; Asian groups; and/or Native
.Hawaiian and Other Pacific Islander groups; and/or Some
.Other Race

092 .American Indian and Alaska Native; Asian groups; and/or
.Native Hawaiian and Other Pacific Islander groups; and/or
.Some Other Race

093 .Asian Indian; and/or White; and/or Asian groups; and/or
.Native Hawaiian and Other Pacific Islander groups; and/or
.Some Other Race

094 .Chinese; Japanese; Native Hawaiian; and/or other Asian
.and/or Pacific Islander groups

095 .Chinese; and/or Asian groups; and/or Native Hawaiian and
.Other Pacific Islander groups; and/or Some Other Race

096 .Filipino; and/or Asian groups; and/or Native Hawaiian and
.Other Pacific Islander groups; and/or Some Other Race

097 .Japanese; and/or Asian groups; and/or Native Hawaiian and
.Other Pacific Islander groups; and/or Some Other Race

098 .Korean; and/or Vietnamese; and/or Other Asian; and/or Native
.Hawaiian and Other Pacific Islander groups; and/or Some
.Other Race

099 .Native Hawaiian; and/or Pacific Islander groups; and/or Some
.Other Race

100 .White; and/or Black or African American; and/or American
.Indian and Alaska Native; and/or Asian groups; and/or Native
.Hawaiian and Other Pacific Islander groups; and/or Some
.Other Race

RACAIAN Character 1

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

- 0 .No
1 .Yes

RACASN Character 1

Asian recode (Asian alone or in combination with one or more other
races)

- 0 .No

1 .Yes

RACBLK Character 1

Black or African American recode (Black alone or in combination with one or more other races)

0 .No

1 .Yes

RACNH Character 1

Native Hawaiian recode (Native Hawaiian alone or in combination with one or more other races)

0 .No

1 .Yes

RACNUM Character 1

Number of major race groups represented

1..6 .Race groups

RACPI Character 1

Other Pacific Islander recode (Other Pacific Islander alone or in combination with one or more other races)

0 .No

1 .Yes

RACSOR Character 1

Some other race recode (Some other race alone or in combination with one or more other races)

0 .No

1 .Yes

RACWHT Character 1

White recode (White alone or in combination with one or more other races)

0 .No

1 .Yes

RC Character 1

Related child

b .N/A (in GQ for 2017 and later)

0 .No and GQ records for 2016 and earlier

1 .Yes

SCIENGP Character 1

Field of degree science and engineering flag - NSF definition

b .N/A (less than a bachelor's degree)

1 .Yes

2 .No

SCIENGRLP Character 1

Field of degree science and engineering related flag - NSF definition

b .N/A (less than a bachelor's degree)

1 .Yes

2 .No

SFN Character 1

Subfamily number

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

SFR Character 1

Subfamily relationship

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

SOCP Character 6

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

- bbbbb .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 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-Medical Scientists, And Life Scientists, All Other
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 .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 .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 Windows Trimmers
27102X .ENT-Other Designers
272011 .ENT-Actors
272012 .ENT-Producers And Directors
272021 .ENT-Athletes And Sports Competitors
272022 .ENT-Coaches And Scouts
272023 .ENT-Umpires, Referees, And Other Sports Officials
272030 .ENT-Dancers And Choreographers
272041 .ENT-Music Directors And Composers
272042 .ENT-Musicians And Singers
272091 .ENT-Disc Jockeys, Except Radio
272099 .ENT-Entertainers And Performers, Sports And Related
.Workers, All Other
273011 .ENT-Broadcast Announcers And Radio Disc Jockeys
273023 .ENT-News Analysts, Reporters, And Journalists
273031 .ENT-Public Relations Specialists
273041 .ENT-Editors
273042 .ENT-Technical Writers
273043 .ENT-Writers And Authors
273091 .ENT-Interpreters And Translators
273092 .ENT-Court Reporters And Simultaneous Captioners
273099 .ENT-Media And Communications Workers, All Other
2740XX .ENT-Other Media And Communication Equipment Workers
274021 .ENT-Photographers
274030 .ENT-Television, Video, And Motion Picture 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 Fire Fighting 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 Gaming 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 Traffic 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, 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 Installers And Repairers
474031 .CON-Fence Erectors
474041 .CON-Hazardous Materials Removal Workers
474051 .CON-Highway Maintenance Workers
474061 .CON-Rail-Track Laying And Maintenance Equipment Operators
4740XX .CON-Other Construction And Related Workers
4750YY .EXT-Derrick, Rotary Drill, And Service Unit Operators,
.And Roustabouts, Oil, Gas, And Mining
475020 .EXT-Surface Mining Machine Operators And Earth Drillers
475032 .EXT-Explosives Workers, Ordnance Handling Experts, And
.Blasters
475040 .EXT-Underground Mining Machine Operators
4750XX .EXT-Other Extraction Workers
491011 .RPR-First-Line Supervisors Of Mechanics, Installers, And
.Repairers
492011 .RPR-Computer, Automated Teller, And Office Machine
.Repairers
492020 .RPR-Radio And Telecommunications Equipment Installers And
.Repairers
492091 .RPR-Avionics Technicians
492092 .RPR-Electric Motor, Power Tool, And Related Repairers
49209X .RPR-Other Electrical And Electronic Equipment Mechanics,
.Installers, and Repairers
492097 .RPR-Electronic Home Entertainment 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 .Grinding, Lapping, Polishing, And Buffing Machine Tool
.Setters, Operators, And Tenders, Metal and Plastic
51403X .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 Furnishing 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 .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 Lot 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 And Last Worked 5 Years Ago Or Earlier Or
.Never Worked

VPS Character 2

Veteran period of service
bb .N/A (less than 17 years old, no active duty)
01 .Gulf War: 9/2001 or later
02 .Gulf War: 9/2001 or later and Gulf War: 8/1990 - 8/2001
03 .Gulf War: 9/2001 or later and Gulf War: 8/1990 - 8/2001 and
.Vietnam Era
04 .Gulf War: 8/1990 - 8/2001
05 .Gulf War: 8/1990 - 8/2001 and Vietnam Era
06 .Vietnam Era
07 .Vietnam Era and Korean War
08 .Vietnam Era, Korean War, and WWII
09 .Korean War
10 .Korean War and WWII
11 .WWII
12 .Between Gulf War and Vietnam Era only
13 .Between Vietnam Era and Korean War only
14 .Between Korean War and World War II only
15 .Pre-WWII only

WAOB Character 1

World area of birth
1 .US state (POB = 001-059)
2 .PR and US Island Areas (POB = 061-099, also includes POB=060
.for 2017 or earlier)
3 .Latin America (POB = 303,310-399)
4 .Asia (POB = 158-159,161,200-299)
5 .Europe (POB = 100-157,160,162-199)
6 .Africa (POB = 400-499)
7 .Northern America (POB = 300-302,304-309)
8 .Oceania and at Sea (POB = 500-554, also includes POB=060 for
.2018 or later)

PERSON RECORD-ALLOCATION FLAGS

FAGEP Character 1

Age allocation flag
0 .No
1 .Yes

FANCP Character 1

Ancestry allocation flag

0 .No
1 .Yes

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

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

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

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

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

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

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

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

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

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

FDRATXP Character 1
Disability rating checkbox allocation flag
0 .No

1 .Yes

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FHINS6P Character 1
VA (including those who have ever used or 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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FPUBCOVP **Character 1**
Public health coverage recode allocation flag
 0 .No
 1 .Yes

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

FRELP **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

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

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

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

PERSON RECORD-REPLICATE WEIGHTS

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

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

```

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

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

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

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

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

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

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

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

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

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

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

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

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

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

```

```

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

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

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

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

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

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

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

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

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

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

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

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

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

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

```

```

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

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

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

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

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

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

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

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

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

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

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

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

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

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

```

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

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

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

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

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

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

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

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

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

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

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

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

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

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

```

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

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

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

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

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

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

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

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

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

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

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

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

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

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

```

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

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

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

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

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

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

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

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