

2016-2020 ACS PUMS DATA DICTIONARY

March 31, 2022

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

- 2016000000001..2017999999999 .Unique identifier (2017 and .earlier)
- 2018GQ0000001..2020GQ9999999 .GQ Unique identifier (2018 and .later)
- 2018HU0000001..2020HU9999999 .HU Unique identifier (2018 and .later)

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)

1078664 .2016 factor
 1055956 .2017 factor
 1030827 .2018 factor
 1012483 .2019 factor
 1000000 .2020 factor

ADJINC Character 7

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

1086849 .2016 factor (1.007588 * 1.07866440)
1067771 .2017 factor (1.011189 * 1.05595568)
1044328 .2018 factor (1.013097 * 1.03082747)
1022755 .2019 factor (1.010145 * 1.01248340)
1006149 .2020 factor (1.006149 * 1.00000000)

WGTP Numeric 5

Housing Unit Weight

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

NP Numeric 2

Number of persons associated with this housing record

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

TYPEHUGQ Character 1

Type of unit

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

HOUSING RECORD-HOUSING UNIT VARIABLES

ACCESSINET Character 1

Access to the Internet

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

ACR Character 1

Lot size

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

AGS Character 1

Sales of agriculture products (yearly sales, no adjustment factor is applied)

b .N/A (GQ/vacant/not a one-family house or mobile home/less than
.1 acre)
1 .None
2 . \$ 1 - \$ 999
3 . \$ 1000 - \$ 2499
4 . \$ 2500 - \$ 4999
5 . \$ 5000 - \$ 9999

6 . \$10000+

BATH Character 1

Bathtub or shower

b .N/A (GQ)

1 .Yes

2 .No

BDSP Numeric 2

Number of bedrooms

bb .N/A (GQ)

0..99 .0 to 99 bedrooms (Top-coded)

BLD Character 2

Units in structure

bb .N/A (GQ)

01 .Mobile home or trailer

02 .One-family house detached

03 .One-family house attached

04 .2 Apartments

05 .3-4 Apartments

06 .5-9 Apartments

07 .10-19 Apartments

08 .20-49 Apartments

09 .50 or more apartments

10 .Boat, RV, van, etc.

BROADBND Character 1

Cellular data plan for a smartphone or other mobile device

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

1 .Yes

2 .No

COMPOTHX Character 1

Other computer equipment

b .N/A (GQ/vacant)

1 .Yes

2 .No

CONP Numeric 4

Condo fee (monthly amount, use ADJHSG to adjust CONP to constant dollars)

bbbb .N/A (GQ/vacant units/not owned or being bought)

0..9999 . \$0 - \$9999 (Rounded and top-coded)

DIALUP Character 1

Dial-up service

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

1 .Yes

2 .No

ELEFP Character 1

Electricity cost flag variable

b .N/A (GQ/vacant)

1 .Included in rent or in condo fee

2 .No charge or electricity not used

3 .Valid monthly electricity cost in ELEP

ELEP Numeric 4

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

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

FS Character 1

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

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

FULFP Character 1

Fuel cost flag variable

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

FULP Numeric 4

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

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

GASFP Character 1

Gas cost flag variable

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

GASP Numeric 4

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

bbbb .N/A (GQ/vacant/included in rent or in condo
 .fee/included in electricity payment/no charge or gas
 .not used)
4..9999 .\$.4 to \$9999 (Rounded and top-coded)

HFL Character 1

House heating fuel

b .N/A (GQ/vacant)
1 .Utility gas
2 .Bottled, tank, or LP gas
3 .Electricity
4 .Fuel oil, kerosene, etc.
5 .Coal or coke
6 .Wood
7 .Solar energy

- 8 .Other fuel
- 9 .No fuel used

HISPEED Character 1

Broadband (high speed) Internet service such as cable, fiber optic, or DSL service

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

HOTWAT Character 1

Water heater (Puerto Rico only)

- b .N/A (GQ)
- 1 .Yes
- 2 .No
- 9 .Case is from the United States, HOTWAT not applicable

INSP Numeric 5

Fire/hazard/flood insurance (yearly amount, use ADJHSG to adjust INSP to constant dollars)

- 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)
1..99 .Rooms (Top-coded)

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

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

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

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

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

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 year 2016 or 2019 for selected PUMAs	
TEN	Character	1
	Tenure	
	b .N/A (GQ/vacant)	
	1 .Owned with mortgage or loan (include home equity loans)	
	2 .Owned free and clear	
	3 .Rented	
	4 .Occupied without payment of rent	
VACS	Character	1
	Vacancy status	
	b .N/A (GQ/occupied)	
	1 .For rent	
	2 .Rented, not occupied	
	3 .For sale only	
	4 .Sold, not occupied	
	5 .For seasonal/recreational/occasional use	

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
 23 .2019
 24 .2020

HOUSING RECORD-HOUSEHOLD VARIABLES

CPLT Character 1

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

FES Character 1

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

FINCP Numeric 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 percent to 100 percent
101	.101 percent or more

HHL **Character 1**

Household language

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

HHT **Character 1**

Household/family type

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

HHT2 **Character 2**

Household/family type (includes cohabiting)

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

HINCP **Numeric 8**

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

bbbbbbbb	.N/A (GQ/vacant)
0	.No household income

-59999	.Loss of \$59,999 or more
-59998..-1	.Loss of \$1 to \$59,998
1..99999999	.Total household income in dollars (Components .are rounded)

HUGCL Character 1

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

HUPAC Character 1

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

HUPAOC Character 1

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

HUPARC Character 1

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

KIT Character 1

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

LNGI Character 1

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

MULTG Character 1

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SVAL **Character 1**
Specified owner unit
b .N/A (GQ/vacant units, except 'for sale only' and 'sold, not
.occupied'/not owned or being bought)
0 .A single family home on 10 or more acres or any other type of
.building, including mobile homes, with no regard to acreage
1 .A single family home on less than 10 acres (prior to 2016,
.specified owner also required no business on property)

TAXAMT **Numeric 5**
Property taxes (yearly real estate taxes, use ADJHSG to adjust TAXAMT
to constant dollars)
bbbbbb .N/A (GQ/vacant/not owned or being bought)
0..57500 .\$.0 to \$57500 (rounded and top-coded)

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

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

15 .Female householder did not work; no spouse present

WORKSTAT Character 2

Work status of householder or spouse in family households

- bb .N/A (GQ/not a family household/same-sex married-couple .families)
- 01 .Husband and wife both in labor force, both employed or in .Armed Forces
- 02 .Husband and wife both in labor force, husband employed or in .Armed Forces, wife unemployed
- 03 .Husband in labor force and wife not in labor force, husband .employed or in Armed Forces
- 04 .Husband and wife both in labor force, husband unemployed, .wife employed or in Armed Forces
- 05 .Husband and wife both in labor force, husband unemployed, .wife unemployed
- 06 .Husband in labor force, husband unemployed, wife not in labor .force
- 07 .Husband not in labor force, wife in labor force, wife .employed or in Armed Forces
- 08 .Husband not in labor force, wife in labor force, wife .unemployed
- 09 .Neither husband nor wife in labor force
- 10 .Male householder with no wife present, householder in labor .force, employed or in Armed Forces
- 11 .Male householder with no wife present, householder in labor .force and unemployed
- 12 .Male householder with no wife present, householder not in .labor force
- 13 .Female householder with no husband present, householder in .labor force, employed or in Armed Forces
- 14 .Female householder with no husband present, householder in .labor force and unemployed
- 15 .Female householder with no husband present, householder not .in labor force

HOUSING RECORD-ALLOCATION FLAGS

FACCESSP Character 1

Access to the Internet allocation flag

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

FACRP Character 1

Lot size allocation flag

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

FAGSP Character 1

Sales of Agricultural Products allocation flag

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FSMARTPHONP Character 1

Smartphone allocation flag

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

FSMOCP Character 1

Selected monthly owner cost allocation flag

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

FSMP Character 1

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

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

FSMXHP Character 1

Home equity loan status allocation flag

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

FSMXSP Character 1

Second mortgage status allocation flag

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

FSTOVP Character 1

Stove or range allocation flag

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

FTABLETP Character 1

Tablet or other portable wireless computer allocation flag

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

FTAXP Character 1

Property taxes (yearly amount) allocation flag

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

FTELP Character 1

Telephone service allocation flag

b .N/A (GQ)

0 .No
1 .Yes

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

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

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

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

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

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
2016000000001..2017999999999 .Unique identifier (2017 and
.earlier)
2018GQ0000001..2020GQ9999999 .GQ Unique identifier (2018 and
.later)
2018HU0000001..2020HU9999999 .HU Unique identifier (2018 and
.later)

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

SPORDER **Numeric** **2**
 Person number
 01..20 .Person number

PUMA **Character** **5**
 Public use microdata area code (PUMA) based on 2010 Census definition
 (areas with population of 100,000 or more, use with ST for unique code)
 00100..70301 .Public use microdata area codes

REGION **Character** **1**
 Region code based on 2010 Census definitions
 1 .Northeast
 2 .Midwest
 3 .South
 4 .West
 9 .Puerto Rico

ST **Character** **2**
 State code based on 2010 Census definitions
 01 .Alabama/AL
 02 .Alaska/AK
 04 .Arizona/AZ
 05 .Arkansas/AR
 06 .California/CA
 08 .Colorado/CO
 09 .Connecticut/CT
 10 .Delaware/DE
 11 .District of Columbia/DC
 12 .Florida/FL
 13 .Georgia/GA
 15 .Hawaii/HI
 16 .Idaho/ID
 17 .Illinois/IL
 18 .Indiana/IN
 19 .Iowa/IA
 20 .Kansas/KS
 21 .Kentucky/KY
 22 .Louisiana/LA
 23 .Maine/ME
 24 .Maryland/MD
 25 .Massachusetts/MA
 26 .Michigan/MI
 27 .Minnesota/MN
 28 .Mississippi/MS
 29 .Missouri/MO
 30 .Montana/MT
 31 .Nebraska/NE
 32 .Nevada/NV
 33 .New Hampshire/NH
 34 .New Jersey/NJ
 35 .New Mexico/NM
 36 .New York/NY
 37 .North Carolina/NC
 38 .North Dakota/ND
 39 .Ohio/OH
 40 .Oklahoma/OK
 41 .Oregon/OR

42 .Pennsylvania/PA
 44 .Rhode Island/RI
 45 .South Carolina/SC
 46 .South Dakota/SD
 47 .Tennessee/TN
 48 .Texas/TX
 49 .Utah/UT
 50 .Vermont/VT
 51 .Virginia/VA
 53 .Washington/WA
 54 .West Virginia/WV
 55 .Wisconsin/WI
 56 .Wyoming/WY
 72 .Puerto Rico/PR

ADJINC Character 7

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

1086849 .2016 factor (1.007588 * 1.07866440)
 1067771 .2017 factor (1.011189 * 1.05595568)
 1044328 .2018 factor (1.013097 * 1.03082747)
 1022755 .2019 factor (1.010145 * 1.01248340)
 1006149 .2020 factor (1.006149 * 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
 1944 .1944 or earlier (Bottom-coded)
 1945 .1945 - 1947
 1948 .1948 - 1949
 1950 .1950 - 1951
 1952 .1952
 1953 .1953
 1954 .1954
 1955 .1955
 1956 .1956

1957 .1957
1958 .1958
1959 .1959
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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
2019 .2019
2020 .2020

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)

HINS1 **Character** **1**
Insurance through a current or former employer or union
1 .Yes
2 .No

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

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

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

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

HINS6 **Character** **1**
VA (Health Insurance through VA Health Care)
1 .Yes
2 .No

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

INTP **Numeric** **6**
Interest, dividends, and net rental income past 12 months (signed, use
ADJINC to adjust to constant dollars)
bbbbbb .N/A (less than 15 years old)
0 .None
-10000..-4 .Loss \$4 to \$10000 (Rounded and bottom-coded)
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 from home)
1..200 .1 to 200 minutes to get to work (Top-coded)

JWRIP **Numeric** **2**
Vehicle occupancy
bb .N/A (not a worker or worker whose means of transportation to
 .work was not car, truck, or van)

- 1 .Drove alone
- 2 .In 2-person carpool
- 3 .In 3-person carpool
- 4 .In 4-person carpool
- 5 .In 5-person carpool
- 6 .In 6-person carpool
- 7 .In 7-person carpool
- 8 .In 8-person carpool
- 9 .In 9-person carpool
- 10 .In 10-person or more carpool (Top-coded)

JWTRNS **Character 2**

Means of transportation to work

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

LANX **Character 1**

Language other than English spoken at home

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

MAR **Character 1**

Marital status

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

MARHD **Character 1**

Divorced in the past 12 months

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

MARHM **Character 1**

Married in the past 12 months

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

MARHT **Character** **1**

Number of times married

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

MARHW **Character** **1**

Widowed in the past 12 months

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

MARHYP **Numeric** **4**

Year last married

- bbbb .N/A (age less than 15 years; never married)
- 1942 .1942 or earlier (Bottom-coded)
- 1943 .1943
- 1944 .1944
- 1945 .1945
- 1946 .1946
- 1947 .1947
- 1948 .1948
- 1949 .1949
- 1950 .1950
- 1951 .1951
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 2014 .2014
 2015 .2015
 2016 .2016
 2017 .2017
 2018 .2018
 2019 .2019
 2020 .2020

MIG **Character 1**

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

MIL **Character 1**

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

MLPA **Character 1**

Served September 2001 or later
 b .N/A (Less than 17 years old/no active duty)

0 .Did not serve this period
1 .Served this period

MLPB Character 1

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

MLPCD Character 1

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

MLPE Character 1

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

MLPFG Character 1

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

MLPH Character 1

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

MLPI Character 1

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

MLPJ Character 1

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

MLPK Character 1

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

NWAB Character 1

Temporary absence from work (Unedited-See 'Employment Status Recode' (ESR))
b .N/A (less than 16 years old/at work/on layoff)
1 .Yes

- 2 .No
- 3 .Did not report

NWAV Character 1

Available for work (Unedited-See 'Employment Status Recode' (ESR))

- b .N/A (less than 16 years/at work/not looking)
- 1 .Yes
- 2 .No, temporarily ill
- 3 .No, other reasons
- 4 .No, unspecified
- 5 .Did not report

NWLA Character 1

On layoff from work (Unedited-See 'Employment Status Recode' (ESR))

- b .N/A (less than 16 years old/at work)
- 1 .Yes
- 2 .No
- 3 .Did not report

NWLK Character 1

Looking for work (Unedited-See 'Employment Status Recode' (ESR))

- b .N/A (less than 16 years old/at work/temporarily absent/informed of recall)
- 1 .Yes
- 2 .No
- 3 .Did not report

NWRE Character 1

Informed of recall (Unedited-See 'Employment Status Recode' (ESR))

- b .N/A (less than 16 years old/at work/not on layoff)
- 1 .Yes
- 2 .No
- 3 .Did not report

OIP Numeric 6

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

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

PAP Numeric 5

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

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

RELSHIPP Character 2

Relationship to reference person

- 20 .Reference person
- 21 .Opposite-sex husband/wife/spouse
- 22 .Opposite-sex unmarried partner
- 23 .Same-sex husband/wife/spouse
- 24 .Same-sex unmarried partner
- 25 .Biological son or daughter

26 .Adopted son or daughter
 27 .Stepson or stepdaughter
 28 .Brother or sister
 29 .Father or mother
 30 .Grandchild
 31 .Parent-in-law
 32 .Son-in-law or daughter-in-law
 33 .Other relative
 34 .Roommate or housemate
 35 .Foster child
 36 .Other nonrelative
 37 .Institutionalized group quarters population
 38 .Noninstitutionalized group quarters population

RETP Numeric 6

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

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

SCH Character 1

School enrollment

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

SCHG Character 2

Grade level attending

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

SCHL Character 2

Educational attainment

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

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

SEMP **Numeric** **6**
 Self-employment income past 12 months (signed, use ADJINC to adjust
 SEMP to constant dollars)
 bbbbbb .N/A (less than 15 years old)
 0 .None
 -10000..-4 .Loss \$4 to \$10000 (Rounded and bottom-coded)
 1..999999 . \$1 to \$999999 (Rounded and top-coded)

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

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

SSP **Numeric** **5**
 Social Security income past 12 months (use ADJINC to adjust SSP to
 constant dollars)
 bbbbbb .N/A (less than 15 years old)
 0 .None
 4..50000 . \$4 to \$50000 (Rounded)

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

WKHP **Numeric** **2**
 Usual hours worked per week past 12 months

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

WKL **Character 1**

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

WKW **Character 1**

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

WKWN **Numeric 2**

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

WRK **Character 1**

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

YOEP **Numeric 4**

Year of entry
 bbbb .Not eligible - Born in the US
 1934 .1934 or earlier (Bottom-coded)
 1935 .1935 - 1938
 1939 .1939 - 1942
 1943 .1943 - 1944
 1945 .1945
 1946 .1946
 1947 .1947
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2014 .2014

2015 .2015
 2016 .2016
 2017 .2017
 2018 .2018
 2019 .2019
 2020 .2020

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 .Turkestanian
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 .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 .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

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 Food
 1170 .MFG-Dairy Product
 1180 .MFG-Animal Slaughtering And Processing
 1190 .MFG-Retail Bakeries
 1270 .MFG-Bakeries And Tortilla, Except Retail Bakeries
 1280 .MFG-Seafood And Other Miscellaneous Foods, N.E.C.
 1290 .MFG-Not Specified Food Industries
 1370 .MFG-Beverage
 1390 .MFG-Tobacco
 1470 .MFG-Fiber, Yarn, And Thread Mills
 1480 .MFG-Fabric Mills, Except Knitting Mills
 1490 .MFG-Textile And Fabric Finishing And Fabric Coating Mills
 1570 .MFG-Carpet And Rug Mills
 1590 .MFG-Textile Product Mills, Except Carpet And Rug
 1670 .MFG-Knitting Fabric Mills, And Apparel Knitting Mills
 1691 .MFG-Cut And Sew, And Apparel Accessories And Other Apparel
 1770 .MFG-Footwear
 1790 .MFG-Leather And Hide Tanning And Finishing, And Other
 .Leather And Allied Product
 1870 .MFG-Pulp, Paper, And Paperboard Mills
 1880 .MFG-Paperboard Container
 1890 .MFG-Miscellaneous Paper And Pulp Products
 1990 .MFG-Printing And Related Support Activities
 2070 .MFG-Petroleum Refining
 2090 .MFG-Miscellaneous Petroleum And Coal Products
 2170 .MFG-Resin, Synthetic Rubber, And Fibers And Filaments
 2180 .MFG-Agricultural Chemical
 2190 .MFG-Pharmaceutical And Medicine
 2270 .MFG-Paint, Coating, And Adhesive
 2280 .MFG-Soap, Cleaning Compound, And Cosmetics
 2290 .MFG-Industrial And Miscellaneous Chemicals
 2370 .MFG-Plastics Product
 2380 .MFG-Tire
 2390 .MFG-Rubber Products, Except Tires
 2470 .MFG-Pottery, Ceramics, And Plumbing Fixture
 2480 .MFG-Clay Building Material And Refractories
 2490 .MFG-Glass And Glass Product
 2570 .MFG-Cement, Concrete, Lime, And Gypsum Product
 2590 .MFG-Miscellaneous Nonmetallic Mineral Product
 2670 .MFG-Iron And Steel Mills And Steel Product
 2680 .MFG-Aluminum Production And Processing
 2690 .MFG-Nonferrous Metal (Except Aluminum) Production And
 .Processing
 2770 .MFG-Foundries
 2780 .MFG-Metal Forgings And Stampings
 2790 .MFG-Cutlery And Hand Tool
 2870 .MFG-Structural Metals, And Boiler, Tank, And Shipping
 .Container
 2880 .MFG-Machine Shops; Turned Product; Screw, Nut, And Bolt
 2890 .MFG-Coating, Engraving, Heat Treating, And Allied
 .Activities
 2970 .MFG-Ordinance

2980 .MFG-Miscellaneous Fabricated Metal Products
 2990 .MFG-Not Specified Metal Industries
 3070 .MFG-Agricultural Implement
 3080 .MFG-Construction, And Mining And Oil And Gas Field
 .Machinery
 3095 .MFG-Commercial And Service Industry Machinery
 3170 .MFG-Metalworking Machinery
 3180 .MFG-Engine, Turbine, And Power Transmission Equipment
 3291 .MFG-Machinery, N.E.C. Or Not Specified
 3365 .MFG-Computer And Peripheral Equipment
 3370 .MFG-Communications, Audio, And Video Equipment
 3380 .MFG-Navigational, Measuring, Electromedical, And Control
 .Instruments
 3390 .MFG-Electronic Component And Product, N.E.C.
 3470 .MFG-Household Appliance
 3490 .MFG-Electric Lighting And Electrical Equipment, And Other
 .Electrical Component, N.E.C.
 3570 .MFG-Motor Vehicles And Motor Vehicle Equipment
 3580 .MFG-Aircraft And Parts
 3590 .MFG-Aerospace Products And Parts
 3670 .MFG-Railroad Rolling Stock
 3680 .MFG-Ship And Boat Building
 3690 .MFG-Other Transportation Equipment
 3770 .MFG-Sawmills And Wood Preservation
 3780 .MFG-Veneer, Plywood, And Engineered Wood Products
 3790 .MFG-Prefabricated Wood Buildings And Mobile Homes
 3875 .MFG-Miscellaneous Wood Products
 3895 .MFG-Furniture And Related Product
 3960 .MFG-Medical Equipment And Supplies
 3970 .MFG-Sporting And Athletic Goods, And Doll, Toy And Game
 3980 .MFG-Miscellaneous Manufacturing, N.E.C.
 3990 .MFG-Not Specified Manufacturing Industries
 4070 .WHL-Motor Vehicle And Motor Vehicle Parts And Supplies
 .Merchant Wholesalers
 4080 .WHL-Furniture And Home Furnishing Merchant Wholesalers
 4090 .WHL-Lumber And Other Construction Materials Merchant
 .Wholesalers
 4170 .WHL-Professional And Commercial Equipment And Supplies
 .Merchant Wholesalers
 4180 .WHL-Metals And Minerals, Except Petroleum, Merchant
 .Wholesalers
 4195 .WHL-Household Appliances And Electrical And Electronic
 .Goods Merchant Wholesalers
 4265 .WHL-Hardware, And Plumbing And Heating Equipment, And
 .Supplies Merchant Wholesalers
 4270 .WHL-Machinery, Equipment, And Supplies Merchant Wholesalers
 4280 .WHL-Recyclable Material Merchant Wholesalers
 4290 .WHL-Miscellaneous Durable Goods Merchant Wholesalers
 4370 .WHL-Paper And Paper Products Merchant Wholesalers
 4380 .WHL-Drugs, Sundries, And Chemical And Allied Products
 .Merchant Wholesalers
 4390 .WHL-Apparel, Piece Goods, And Notions Merchant Wholesalers
 4470 .WHL-Grocery And Related Product Merchant Wholesalers
 4480 .WHL-Farm Product Raw Material Merchant Wholesalers
 4490 .WHL-Petroleum And Petroleum Products Merchant Wholesalers
 4560 .WHL-Alcoholic Beverages Merchant Wholesalers
 4570 .WHL-Farm Supplies Merchant Wholesalers

4580 .WHL-Miscellaneous Nondurable Goods Merchant Wholesalers
 4585 .WHL-Wholesale Electronic Markets And Agents And Brokers
 4590 .WHL-Not Specified Wholesale Trade
 4670 .RET-Automobile Dealers
 4680 .RET-Other Motor Vehicle Dealers
 4690 .RET-Automotive Parts, Accessories, And Tire Stores
 4770 .RET-Furniture And Home Furnishings Stores
 4780 .RET-Household Appliance Stores
 4795 .RET-Electronics Stores
 4870 .RET-Building Material And Supplies Dealers
 4880 .RET-Hardware Stores
 4890 .RET-Lawn And Garden Equipment And Supplies Stores
 4971 .RET-Supermarkets and Other Grocery (Except Convenience)
 Stores
 4972 .RET-Convenience Stores
 4980 .RET-Specialty Food Stores
 4990 .RET-Beer, Wine, And Liquor Stores
 5070 .RET-Pharmacies And Drug Stores
 5080 .RET-Health And Personal Care, Except Drug, Stores
 5090 .RET-Gasoline Stations
 5170 .RET-Clothing Stores
 5180 .RET-Shoe Stores
 5190 .RET-Jewelry, Luggage, And Leather Goods Stores
 5275 .RET-Sporting Goods, And Hobby And Toy Stores
 5280 .RET-Sewing, Needlework, And Piece Goods Stores
 5295 .RET-Musical Instrument And Supplies Stores
 5370 .RET-Book Stores And News Dealers
 5381 .RET-Department Stores
 5391 .RET-General Merchandise Stores, Including Warehouse Clubs
 and Supercenters
 5470 .RET-Florists
 5480 .RET-Office Supplies And Stationery Stores
 5490 .RET-Used Merchandise Stores
 5570 .RET-Gift, Novelty, And Souvenir Shops
 5580 .RET-Miscellaneous Retail Stores
 5593 .RET-Electronic Shopping And Mail-Order Houses
 5670 .RET-Vending Machine Operators
 5680 .RET-Fuel Dealers
 5690 .RET-Other Direct Selling Establishments
 5790 .RET-Not Specified Retail Trade
 6070 .TRN-Air Transportation
 6080 .TRN-Rail Transportation
 6090 .TRN-Water Transportation
 6170 .TRN-Truck Transportation
 6180 .TRN-Bus Service And Urban Transit
 6190 .TRN-Taxi And Limousine Service
 6270 .TRN-Pipeline Transportation
 6280 .TRN-Scenic And Sightseeing Transportation
 6290 .TRN-Services Incidental To Transportation
 6370 .TRN-Postal Service
 6380 .TRN-Couriers And Messengers
 6390 .TRN-Warehousing And Storage
 6470 .INF-Newspaper Publishers
 6480 .INF-Periodical, Book, And Directory Publishers
 6490 .INF-Software Publishers
 6570 .INF-Motion Pictures And Video Industries
 6590 .INF-Sound Recording Industries

6670 .INF-Broadcasting (Except Internet)
 6672 .INF-Internet Publishing And Broadcasting And Web Search
 .Portals
 6680 .INF-Wired Telecommunications Carriers
 6690 .INF-Telecommunications, Except Wired Telecommunications
 .Carriers
 6695 .INF-Data Processing, Hosting, And Related Services
 6770 .INF-Libraries And Archives
 6780 .INF-Other Information Services, Except Libraries And
 .Archives, And Internet Publishing And Broadcasting And Web
 .Search Portals
 6870 .FIN-Banking And Related Activities
 6880 .FIN-Savings Institutions, Including Credit Unions
 6890 .FIN-Nondepository Credit And Related Activities
 6970 .FIN-Securities, Commodities, Funds, Trusts, And Other
 .Financial Investments
 6991 .FIN-Insurance Carriers
 6992 .FIN-Agencies, Brokerages, And Other Insurance Related
 .Activities
 7071 .FIN-Lessors Of Real Estate, And Offices Of Real Estate
 .Agents And Brokers
 7072 .FIN-Real Estate Property Managers, Offices Of Real Estate
 .Appraisers, And Other Activities Related To Real Estate
 7080 .FIN-Automotive Equipment Rental And Leasing
 7181 .FIN-Other Consumer Goods Rental
 7190 .FIN-Commercial, Industrial, And Other Intangible Assets
 .Rental And Leasing
 7270 .PRF-Legal Services
 7280 .PRF-Accounting, Tax Preparation, Bookkeeping, And Payroll
 .Services
 7290 .PRF-Architectural, Engineering, And Related Services
 7370 .PRF-Specialized Design Services
 7380 .PRF-Computer Systems Design And Related Services
 7390 .PRF-Management, Scientific, And Technical Consulting
 .Services
 7460 .PRF-Scientific Research And Development Services
 7470 .PRF-Advertising, Public Relations, And Related Services
 7480 .PRF-Veterinary Services
 7490 .PRF-Other Professional, Scientific, And Technical Services
 7570 .PRF-Management Of Companies And Enterprises
 7580 .PRF-Employment Services
 7590 .PRF-Business Support Services
 7670 .PRF-Travel Arrangements And Reservation Services
 7680 .PRF-Investigation And Security Services
 7690 .PRF-Services To Buildings And Dwellings (Except Cleaning
 .During Construction And Immediately After Construction)
 7770 .PRF-Landscaping Services
 7780 .PRF-Other Administrative And Other Support Services
 7790 .PRF-Waste Management And Remediation Services
 7860 .EDU-Elementary And Secondary Schools
 7870 .EDU-Colleges, Universities, And Professional Schools,
 .Including Junior Colleges
 7880 .EDU-Business, Technical, And Trade Schools And Training
 7890 .EDU-Other Schools And Instruction, And Educational Support
 .Services
 7970 .MED-Offices Of Physicians
 7980 .MED-Offices Of Dentists

7990 .MED-Offices Of Chiropractors
 8070 .MED-Offices Of Optometrists
 8080 .MED-Offices Of Other Health Practitioners
 8090 .MED-Outpatient Care Centers
 8170 .MED-Home Health Care Services
 8180 .MED-Other Health Care Services
 8191 .MED-General Medical And Surgical Hospitals, And Specialty
 .(Except Psychiatric And Substance Abuse) Hospitals
 8192 .MED-Psychiatric And Substance Abuse Hospitals
 8270 .MED-Nursing Care Facilities (Skilled Nursing Facilities)
 8290 .MED-Residential Care Facilities, Except Skilled Nursing
 .Facilities
 8370 .SCA-Individual And Family Services
 8380 .SCA-Community Food And Housing, And Emergency Services
 8390 .SCA-Vocational Rehabilitation Services
 8470 .SCA-Child Day Care Services
 8561 .ENT-Performing Arts Companies
 8562 .ENT-Spectator Sports
 8563 .ENT-Promoters Of Performing Arts, Sports, And Similar
 .Events, Agents And Managers For Artists, Athletes,
 .Entertainers, And Other Public Figures
 8564 .ENT-Independent Artists, Writers, And Performers
 8570 .ENT-Museums, Art Galleries, Historical Sites, And Similar
 .Institutions
 8580 .ENT-Bowling Centers
 8590 .ENT-Other Amusement, Gambling, And Recreation Industries
 8660 .ENT-Traveler Accommodation
 8670 .ENT-Recreational Vehicle Parks And Camps, And Rooming And
 .Boarding Houses, Dormitories, And Workers' Camps
 8680 .ENT-Restaurants And Other Food Services
 8690 .ENT-Drinking Places, Alcoholic Beverages
 8770 .SRV-Automotive Repair And Maintenance
 8780 .SRV-Car Washes
 8790 .SRV-Electronic And Precision Equipment Repair And
 .Maintenance
 8870 .SRV-Commercial And Industrial Machinery And Equipment
 .Repair And Maintenance
 8891 .SRV-Personal And Household Goods Repair And Maintenance
 8970 .SRV-Barber Shops
 8980 .SRV-Beauty Salons
 8990 .SRV-Nail Salons And Other Personal Care Services
 9070 .SRV-Drycleaning And Laundry Services
 9080 .SRV-Funeral Homes, And Cemeteries And Crematories
 9090 .SRV-Other Personal Services
 9160 .SRV-Religious Organizations
 9170 .SRV-Civic, Social, Advocacy Organizations, And Grantmaking
 .And Giving Services
 9180 .SRV-Labor Unions
 9190 .SRV-Business, Professional, Political, And Similar
 .Organizations
 9290 .SRV-Private Households
 9370 .ADM-Executive Offices And Legislative Bodies
 9380 .ADM-Public Finance Activities
 9390 .ADM-Other General Government And Support
 9470 .ADM-Justice, Public Order, And Safety Activities
 9480 .ADM-Administration Of Human Resource Programs

9490 .ADM-Administration Of Environmental Quality And Housing
 .Programs
 9570 .ADM-Administration Of Economic Programs And Space Research
 9590 .ADM-National Security And International Affairs
 9670 .MIL-U.S. Army
 9680 .MIL-U.S. Air Force
 9690 .MIL-U.S. Navy
 9770 .MIL-U.S. Marines
 9780 .MIL-U.S. Coast Guard
 9790 .MIL-Armed Forces, Branch Not Specified
 9870 .MIL-Military Reserves Or National Guard
 9920 .Unemployed, With No Work Experience In The Last 5 Years Or
 .Earlier Or Never Worked

JWAP

Character 3

Time of arrival at work - hour and minute

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

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

041 .3:35 a.m. to 3:39 a.m.
042 .3:40 a.m. to 3:44 a.m.
043 .3:45 a.m. to 3:49 a.m.
044 .3:50 a.m. to 3:54 a.m.
045 .3:55 a.m. to 3:59 a.m.
046 .4:00 a.m. to 4:04 a.m.
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 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.
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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-Aztecan languages
 7124 .Other Native North American languages
 7300 .Other Central and South American languages
 9999 .Other and unspecified languages

MIGPUMA Character 5

Migration PUMA based on 2010 Census definition

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

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

bbbbbb .N/A (less than 16 years old/NILF who last worked more
 .than 5 years ago or never worked)
 111 .AGR-Crop Production
 112 .AGR-Animal Production And Aquaculture
 1133 .AGR-Logging
 113M .AGR-Forestry Except Logging
 114 .AGR-Fishing, Hunting And Trapping

115	.AGR-Support Activities For Agriculture And Forestry
211	.EXT-Oil And Gas Extraction
2121	.EXT-Coal Mining
2122	.EXT-Metal Ore Mining
2123	.EXT-Nonmetallic Mineral Mining And Quarrying
213	.EXT-Support Activities For Mining
2211P	.UTL-Electric Power Generation, Transmission And .Distribution
2212P	.UTL-Natural Gas Distribution
22132	.UTL-Sewage Treatment Facilities
2213M	.UTL-Water, Steam, Air-Conditioning, And Irrigation .Systems
221MP	.UTL-Electric And Gas, And Other Combinations
22S	.UTL-Not Specified Utilities
23	.CON-Construction (The Cleaning Of Buildings And .Dwellings Is Incidental During Construction And .Immediately After Construction)
3113	.MFG-Sugar And Confectionery Products
3114	.MFG-Fruit And Vegetable Preserving And Specialty Food
3115	.MFG-Dairy Product
3116	.MFG-Animal Slaughtering And Processing
311811	.MFG-Retail Bakeries
3118Z	.MFG-Bakeries And Tortilla, Except Retail Bakeries
311M1	.MFG-Animal Food, Grain And Oilseed Milling
311M2	.MFG-Seafood And Other Miscellaneous Foods, N.E.C.
311S	.MFG-Not Specified Food Industries
3121	.MFG-Beverage
3122	.MFG-Tobacco
3131	.MFG-Fiber, Yarn, And Thread Mills
3132Z	.MFG-Fabric Mills, Except Knitting Mills
3133	.MFG-Textile And Fabric Finishing And Fabric Coating .Mills
31411	.MFG-Carpet And Rug Mills
314Z	.MFG-Textile Product Mills, Except Carpet And Rug
315M	.MFG-Cut And Sew, And Apparel Accessories And Other .Apparel
3162	.MFG-Footwear
316M	.MFG-Leather And Hide Tanning And Finishing, And Other .Leather And Allied Product
31M	.MFG-Knitting Fabric Mills, And Apparel Knitting Mills
3211	.MFG-Sawmills And Wood Preservation
3212	.MFG-Veneer, Plywood, And Engineered Wood Products
32199M	.MFG-Prefabricated Wood Buildings And Mobile Homes
3219ZM	.MFG-Miscellaneous Wood Products
3221	.MFG-Pulp, Paper, And Paperboard Mills
32221	.MFG-Paperboard Container
3222M	.MFG-Miscellaneous Paper And Pulp Products
3231	.MFG-Printing And Related Support Activities
3241M	.MFG-Miscellaneous Petroleum And Coal Products
32411	.MFG-Petroleum Refining
3252	.MFG-Resin, Synthetic Rubber, And Fibers And Filaments
3253	.MFG-Agricultural Chemical
3254	.MFG-Pharmaceutical And Medicine
3255	.MFG-Paint, Coating, And Adhesive
3256	.MFG-Soap, Cleaning Compound, And Cosmetics
325M	.MFG-Industrial And Miscellaneous Chemicals
3261	.MFG-Plastics Product

32621	.MFG-Tire
3262M	.MFG-Rubber Products, Except Tires
32711	.MFG-Pottery, Ceramics, And Plumbing Fixture
327120	.MFG-Clay Building Material And Refractories
3272	.MFG-Glass And Glass Product
3279	.MFG-Miscellaneous Nonmetallic Mineral Product
327M	.MFG-Cement, Concrete, Lime, And Gypsum Product
3313	.MFG-Aluminum Production And Processing
3314	.MFG-Nonferrous Metal (Except Aluminum) Production And .Processing
3315	.MFG-Foundries
331M	.MFG-Iron And Steel Mills And Steel Product
3321	.MFG-Metal Forgings And Stampings
3322	.MFG-Cutlery And Hand Tool
3327	.MFG-Machine Shops; Turned Product; Screw, Nut, And Bolt
3328	.MFG-Coating, Engraving, Heat Treating, And Allied .Activities
33299M	.MFG-Ordnance
332M	.MFG-Structural Metals, And Boiler, Tank, And Shipping .Container
332MZ	.MFG-Miscellaneous Fabricated Metal Products
33311	.MFG-Agricultural Implement
3331M	.MFG-Construction, And Mining And Oil And Gas Field .Machinery
3333	.MFG-Commercial And Service Industry Machinery
3335	.MFG-Metalworking Machinery
3336	.MFG-Engine, Turbine, And Power Transmission Equipment
333MS	.MFG-Machinery, N.E.C. Or Not Specified
3341	.MFG-Computer And Peripheral Equipment
3345	.MFG-Navigational, Measuring, Electromedical, And .Control Instruments
334M1	.MFG-Communications, Audio, And Video Equipment
334M2	.MFG-Electronic Component And Product, N.E.C.
3352	.MFG-Household Appliance
335M	.MFG-Electric Lighting And Electrical Equipment, And .Other Electrical Component, N.E.C.
33641M1	.MFG-Aircraft And Parts
33641M2	.MFG-Aerospace Products And Parts
3365	.MFG-Railroad Rolling Stock
3366	.MFG-Ship And Boat Building
3369	.MFG-Other Transportation Equipment
336M	.MFG-Motor Vehicles And Motor Vehicle Equipment
337	.MFG-Furniture And Related Product
3391	.MFG-Medical Equipment And Supplies
3399M	.MFG-Sporting And Athletic Goods, And Doll, Toy And Game
3399ZM	.MFG-Miscellaneous Manufacturing, N.E.C.
33MS	.MFG-Not Specified Metal Industries
3MS	.MFG-Not Specified Manufacturing Industries
4231	.WHL-Motor Vehicle And Motor Vehicle Parts And Supplies .Merchant Wholesalers
4232	.WHL-Furniture And Home Furnishing Merchant Wholesalers
4233	.WHL-Lumber And Other Construction Materials Merchant .Wholesalers
4234	.WHL-Professional And Commercial Equipment And Supplies .Merchant Wholesalers
4235	.WHL-Metals And Minerals, Except Petroleum, Merchant .Wholesalers

4236 .WHL-Household Appliances And Electrical And Electronic
 .Goods Merchant Wholesalers
 4237 .WHL-Hardware, And Plumbing And Heating Equipment, And
 .Supplies Merchant Wholesalers
 4238 .WHL-Machinery, Equipment, And Supplies Merchant
 .Wholesalers
 42393 .WHL-Recyclable Material Merchant Wholesalers
 4239Z .WHL-Miscellaneous Durable Goods Merchant Wholesalers
 4241 .WHL-Paper And Paper Products Merchant Wholesalers
 4243 .WHL-Apparel, Piece Goods, And Notions Merchant
 .Wholesalers
 4244 .WHL-Grocery And Related Product Merchant Wholesalers
 4245 .WHL-Farm Product Raw Material Merchant Wholesalers
 4247 .WHL-Petroleum And Petroleum Products Merchant
 .Wholesalers
 4248 .WHL-Alcoholic Beverages Merchant Wholesalers
 42491 .WHL-Farm Supplies Merchant Wholesalers
 4249Z .WHL-Miscellaneous Nondurable Goods Merchant Wholesalers
 424M .WHL-Drugs, Sundries, And Chemical And Allied Products
 .Merchant Wholesalers
 4251 .WHL-Wholesale Electronic Markets And Agents And Brokers
 42S .WHL-Not Specified Wholesale Trade
 4411 .RET-Automobile Dealers
 4412 .RET-Other Motor Vehicle Dealers
 4413 .RET-Automotive Parts, Accessories, And Tire Stores
 442 .RET-Furniture And Home Furnishings Stores
 443141 .RET-Household Appliance Stores
 443142 .RET-Electronics Stores
 44413 .RET-Hardware Stores
 4441Z .RET-Building Material And Supplies Dealers
 4442 .RET-Lawn And Garden Equipment And Supplies Stores
 44511 .RET-Supermarkets And Other Grocery (Except Convenience)
 .Stores
 44512 .RET-Convenience Stores
 4452 .RET-Specialty Food Stores
 4453 .RET-Beer, Wine, And Liquor Stores
 44611 .RET-Pharmacies And Drug Stores
 446Z .RET-Health And Personal Care, Except Drug, Stores
 447 .RET-Gasoline Stations
 44821 .RET-Shoe Stores
 4483 .RET-Jewelry, Luggage, And Leather Goods Stores
 4481 .RET-Clothing Stores
 45113 .RET-Sewing, Needlework, And Piece Goods Stores
 45114 .RET-Musical Instrument And Supplies Stores
 4511M .RET-Sporting Goods, And Hobby And Toy Stores
 45121 .RET-Book Stores And News Dealers
 45221 .RET-Department Stores
 4523 .RET-General Merchandise Stores, Including Warehouse
 .Clubs and Supercenters
 4531 .RET-Florists
 45321 .RET-Office Supplies And Stationery Stores
 45322 .RET-Gift, Novelty, And Souvenir Shops
 4533 .RET-Used Merchandise Stores
 4539 .RET-Miscellaneous Retail Stores
 454110 .RET-Electronic Shopping And Mail-Order Houses
 4542 .RET-Vending Machine Operators
 454310 .RET-Fuel Dealers

45439 .RET-Other Direct Selling Establishments
 4MS .RET-Not Specified Retail Trade
 481 .TRN-Air Transportation
 482 .TRN-Rail Transportation
 483 .TRN-Water Transportation
 484 .TRN-Truck Transportation
 4853 .TRN-Taxi And Limousine Service
 485M .TRN-Bus Service And Urban Transit
 486 .TRN-Pipeline Transportation
 487 .TRN-Scenic And Sightseeing Transportation
 488 .TRN-Services Incidental To Transportation
 491 .TRN-Postal Service
 492 .TRN-Couriers And Messengers
 493 .TRN-Warehousing And Storage
 51111 .INF-Newspaper Publishers
 5111Z .INF-Periodical, Book, And Directory Publishers
 5112 .INF-Software Publishers
 5121 .INF-Motion Pictures And Video Industries
 5122 .INF-Sound Recording Industries
 515 .INF-Broadcasting (Except Internet)
 517311 .INF-Wired Telecommunications Carriers
 517Z .INF-Telecommunications, Except Wired Telecommunications
 .Carriers
 5182 .INF-Data Processing, Hosting, And Related Services
 51912 .INF-Libraries And Archives
 51913 .INF-Internet Publishing And Broadcasting And Web Search
 .Portals
 5191ZM .INF-Other Information Services, Except Libraries And
 .Archives, And Internet Publishing And Broadcasting And
 .Web Search Portals
 5221M .FIN-Savings Institutions, Including Credit Unions
 522M .FIN-Nondepository Credit And Related Activities
 5241 .FIN-Insurance Carriers
 5242 .FIN-Agencies, Brokerages, And Other Insurance Related
 .Activities
 52M1 .FIN-Banking And Related Activities
 52M2 .FIN-Securities, Commodities, Funds, Trusts, And Other
 .Financial Investments
 531M .FIN-Lessors Of Real Estate, And Offices Of Real Estate
 .Agents And Brokers
 5313 .FIN-Real Estate Property Managers, Offices of Real
 .Estate Appraisers, And Other Activities Related to Real
 .Estate
 5321 .FIN-Automotive Equipment Rental And Leasing
 532M2 .FIN-Other Consumer Goods Rental
 53M .FIN-Commercial, Industrial, And Other Intangible Assets
 .Rental And Leasing
 5411 .PRF-Legal Services
 5412 .PRF-Accounting, Tax Preparation, Bookkeeping, And
 .Payroll Services
 5413 .PRF-Architectural, Engineering, And Related Services
 5414 .PRF-Specialized Design Services
 5415 .PRF-Computer Systems Design And Related Services
 5416 .PRF-Management, Scientific, And Technical Consulting
 .Services
 5417 .PRF-Scientific Research And Development Services
 5418 .PRF-Advertising, Public Relations, And Related Services

54194 .PRF-Veterinary Services
 5419Z .PRF-Other Professional, Scientific, And Technical
 .Services
 55 .PRF-Management Of Companies And Enterprises
 5613 .PRF-Employment Services
 5614 .PRF-Business Support Services
 5615 .PRF-Travel Arrangements And Reservation Services
 5616 .PRF-Investigation And Security Services
 56173 .PRF-Landscaping Services
 5617Z .PRF-Services To Buildings And Dwellings (Except
 .Cleaning During Construction And Immediately After
 .Construction)
 561M .PRF-Other Administrative And Other Support Services
 562 .PRF-Waste Management And Remediation Services
 6111 .EDU-Elementary And Secondary Schools
 611M1 .EDU-Colleges, Universities, And Professional Schools,
 .Including Junior Colleges
 611M2 .EDU-Business, Technical, And Trade Schools And Training
 611M3 .EDU-Other Schools And Instruction, And Educational
 .Support Services
 6211 .MED-Offices Of Physicians
 6212 .MED-Offices Of Dentists
 62131 .MED-Offices Of Chiropractors
 62132 .MED-Offices Of Optometrists
 6213ZM .MED-Offices Of Other Health Practitioners
 6214 .MED-Outpatient Care Centers
 6216 .MED-Home Health Care Services
 621M .MED-Other Health Care Services
 622M .MED-General Medical And Surgical Hospitals, And
 .Specialty (Except Psychiatric And Substance Abuse)
 .Hospitals
 6222 .MED-Psychiatric And Substance Abuse Hospitals
 6231 .MED-Nursing Care Facilities (Skilled Nursing
 .Facilities)
 623M .MED-Residential Care Facilities, Except Skilled Nursing
 .Facilities
 6241 .SCA-Individual And Family Services
 6242 .SCA-Community Food And Housing, And Emergency Services
 6243 .SCA-Vocational Rehabilitation Services
 6244 .SCA-Child Day Care Services
 7111 .ENT-Performing Arts Companies
 7112 .ENT-Spectator Sports
 711M .ENT-Promoters Of Performing Arts, Sports, And Similar
 .Events, Agents And Managers For Artists, Athletes,
 .Entertainers, And Other Public Figures
 7115 .ENT-Independent Artists, Writers, And Performers
 712 .ENT-Museums, Art Galleries, Historical Sites, And
 .Similar Institutions
 71395 .ENT-Bowling Centers
 713Z .ENT-Other Amusement, Gambling, And Recreation
 .Industries
 7211 .ENT-Traveler Accommodation
 721M .ENT-Recreational Vehicle Parks And Camps, And Rooming
 .And Boarding Houses, Dormitories, And Workers' Camps
 7224 .ENT-Drinking Places, Alcoholic Beverages
 722Z .ENT-Restaurants And Other Food Services
 811192 .SRV-Car Washes

8111Z .SRV-Automotive Repair And Maintenance
 8112 .SRV-Electronic And Precision Equipment Repair And
 .Maintenance
 8113 .SRV-Commercial And Industrial Machinery And Equipment
 .Repair And Maintenance
 8114 .SRV-Personal And Household Goods Repair And Maintenance
 812111 .SRV-Barber Shops
 812112 .SRV-Beauty Salons
 8121M .SRV-Nail Salons And Other Personal Care Services
 8122 .SRV-Funeral Homes, And Cemeteries And Crematories
 8123 .SRV-Drycleaning And Laundry Services
 8129 .SRV-Other Personal Services
 8131 .SRV-Religious Organizations
 81393 .SRV-Labor Unions
 8139Z .SRV-Business, Professional, Political, And Similar
 .Organizations
 813M .SRV-Civic, Social, Advocacy Organizations, And
 .Grantmaking And Giving Services
 814 .SRV-Private Households
 92113 .ADM-Public Finance Activities
 92119 .ADM-Other General Government And Support
 9211MP .ADM-Executive Offices And Legislative Bodies
 923 .ADM-Administration Of Human Resource Programs
 928110P1 .MIL-U.S. Army
 928110P2 .MIL-U.S. Air Force
 928110P3 .MIL-U.S. Navy
 928110P4 .MIL-U.S. Marines
 928110P5 .MIL-U.S. Coast Guard
 928110P6 .MIL-Armed Forces, Branch Not Specified
 928110P7 .MIL-Military Reserves Or National Guard
 928P .ADM-National Security And International Affairs
 92M1 .ADM-Administration Of Environmental Quality And Housing
 .Programs
 92M2 .ADM-Administration Of Economic Programs And Space
 .Research
 92MP .ADM-Justice, Public Order, And Safety Activities
 999920 .Unemployed, With No Work Experience In The Last 5 Years
 .Or Earlier Or Never Worked

NATIVITY Character 1

Nativity

- 1 .Native
- 2 .Foreign born

NOP Character 1

Nativity of parent

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

OC **Character 1**

Own child

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

OCCP **Character 4**

Occupation recode for 2018 and later based on 2018 OCC codes

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

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

1640 .SCI-Conservation Scientists And Foresters
 1650 .SCI-Other Life Scientists
 1700 .SCI-Astronomers And Physicists
 1710 .SCI-Atmospheric And Space Scientists
 1720 .SCI-Chemists And Materials Scientists
 1745 .SCI-Environmental Scientists And Specialists, Including
 .Health
 1750 .SCI-Geoscientists And Hydrologists, Except Geographers
 1760 .SCI-Physical Scientists, All Other
 1800 .SCI-Economists
 1821 .SCI-Clinical And Counseling Psychologists
 1822 .SCI-School Psychologists
 1825 .SCI-Other Psychologists
 1840 .SCI-Urban And Regional Planners
 1860 .SCI-Other Social Scientists
 1900 .SCI-Agricultural And Food Science Technicians
 1910 .SCI-Biological Technicians
 1920 .SCI-Chemical Technicians
 1935 .SCI-Environmental Science and Geoscience Technicians, And
 .Nuclear Technicians
 1970 .SCI-Other Life, Physical, And Social Science Technicians
 1980 .SCI-Occupational Health And Safety Specialists and
 .Techinicians
 2001 .CMS-Substance Abuse And Behavioral Disorder Counselors
 2002 .CMS-Educational, Guidance, And Career Counselors And
 .Advisors
 2003 .CMS-Marriage And Family Therapists
 2004 .CMS-Mental Health Counselors
 2005 .CMS-Rehabilitation Counselors
 2006 .CMS-Counselors, All Other
 2011 .CMS-Child, Family, And School Social Workers
 2012 .CMS-Healthcare Social Workers
 2013 .CMS-Mental Health And Substance Abuse Social Workers
 2014 .CMS-Social Workers, All Other
 2015 .CMS-Probation Officers And Correctional Treatment
 .Specialists
 2016 .CMS-Social And Human Service Assistants
 2025 .CMS-Other Community and Social Service Specialists
 2040 .CMS-Clergy
 2050 .CMS-Directors, Religious Activities And Education
 2060 .CMS-Religious Workers, All Other
 2100 .LGL-Lawyers, And Judges, Magistrates, And Other Judicial
 .Workers
 2105 .LGL-Judicial Law Clerks
 2145 .LGL-Paralegals And Legal Assistants
 2170 .LGL-Title Examiners, Abstractors, and Searchers
 2180 .LGL-Legal Support Workers, All Other
 2205 .EDU-Postsecondary Teachers
 2300 .EDU-Preschool And Kindergarten Teachers
 2310 .EDU-Elementary And Middle School Teachers
 2320 .EDU-Secondary School Teachers
 2330 .EDU-Special Education Teachers
 2350 .EDU-Tutors
 2360 .EDU-Other Teachers and Instructors
 2400 .EDU-Archivists, Curators, And Museum Technicians
 2435 .EDU-Librarians And Media Collections Specialists
 2440 .EDU-Library Technicians

2545 .EDU-Teaching Assistants
 2555 .EDU-Other Educational Instruction And Library Workers
 2600 .ENT-Artists And Related Workers
 2631 .ENT-Commercial And Industrial Designers
 2632 .ENT-Fashion Designers
 2633 .ENT-Floral Designers
 2634 .ENT-Graphic Designers
 2635 .ENT-Interior Designers
 2636 .ENT-Merchandise Displayers And Window Trimmers
 2640 .ENT-Other Designers
 2700 .ENT-Actors
 2710 .ENT-Producers And Directors
 2721 .ENT-Athletes and Sports Competitors
 2722 .ENT-Coaches and Scouts
 2723 .ENT-Umpires, Referees, And Other Sports Officials
 2740 .ENT-Dancers And Choreographers
 2751 .ENT-Music Directors and Composers
 2752 .ENT-Musicians and Singers
 2755 .ENT-Disc Jockeys, Except Radio
 2770 .ENT-Entertainers And Performers, Sports and Related
 .Workers, All Other
 2805 .ENT-Broadcast Announcers And Radio Disc Jockeys
 2810 .ENT-News Analysts, Reporters, And Journalists
 2825 .ENT-Public Relations Specialists
 2830 .ENT-Editors
 2840 .ENT-Technical Writers
 2850 .ENT-Writers And Authors
 2861 .ENT-Interpreters and Translators
 2862 .ENT-Court Reporters and Simultaneous Captioners
 2865 .ENT-Media And Communication Workers, All Other
 2905 .ENT-Other Media And Communication Equipment Workers
 2910 .ENT-Photographers
 2920 .ENT-Television, Video, And Film Camera Operators And
 .Eitors
 3000 .MED-Chiropractors
 3010 .MED-Dentists
 3030 .MED-Dietitians And Nutritionists
 3040 .MED-Optometrists
 3050 .MED-Pharmacists
 3090 .MED-Physicians
 3100 .MED-Surgeons
 3110 .MED-Physician Assistants
 3120 .MED-Podiatrists
 3140 .MED-Audiologists
 3150 .MED-Occupational Therapists
 3160 .MED-Physical Therapists
 3200 .MED-Radiation Therapists
 3210 .MED-Recreational Therapists
 3220 .MED-Respiratory Therapists
 3230 .MED-Speech-Language Pathologists
 3245 .MED-Other Therapists
 3250 .MED-Veterinarians
 3255 .MED-Registered Nurses
 3256 .MED-Nurse Anesthetists
 3258 .MED-Nurse Practitioners, And Nurse Midwives
 3261 .MED-Acupuncturists

3270 .MED-Healthcare Diagnosing Or Treating Practitioners, All
 .Other
 3300 .MED-Clinical Laboratory Technologists And Technicians
 3310 .MED-Dental Hygienists
 3321 .MED-Cardiovascular Technologists and Technicians
 3322 .MED-Diagnostic Medical Sonographers
 3323 .MED-Radiologic Technologists And Technicians
 3324 .MED-Magnetic Resonance Imaging Technologists
 3330 .MED-Nuclear Medicine Technologists and Medical Dosimetrists
 3401 .MED-Emergency Medical Technicians
 3402 .MED-Paramedics
 3421 .MED-Pharmacy Technicians
 3422 .MED-Psychiatric Technicians
 3423 .MED-Surgical Technologists
 3424 .MED-Veterinary Technologists and Technicians
 3430 .MED-Dietetic Technicians And Ophthalmic Medical Technicians
 3500 .MED-Licensed Practical And Licensed Vocational Nurses
 3515 .MED-Medical Records Specialists
 3520 .MED-Opticians, Dispensing
 3545 .MED-Miscellaneous Health Technologists and Technicians
 3550 .MED-Other Healthcare Practitioners and Technical
 .Occupations
 3601 .HLS-Home Health Aides
 3602 .HLS-Personal Care Aides
 3603 .HLS-Nursing Assistants
 3605 .HLS-Orderlies and Psychiatric Aides
 3610 .HLS-Occupational Therapy Assistants And Aides
 3620 .HLS-Physical Therapist Assistants And Aides
 3630 .HLS-Massage Therapists
 3640 .HLS-Dental Assistants
 3645 .HLS-Medical Assistants
 3646 .HLS-Medical Transcriptionists
 3647 .HLS-Pharmacy Aides
 3648 .HLS-Veterinary Assistants And Laboratory Animal Caretakers
 3649 .HLS-Phlebotomists
 3655 .HLS-Other Healthcare Support Workers
 3700 .PRT-First-Line Supervisors Of Correctional Officers
 3710 .PRT-First-Line Supervisors Of Police And Detectives
 3720 .PRT-First-Line Supervisors Of Firefighting And Prevention
 .Workers
 3725 .PRT-Miscellaneous First-Line Supervisors, Protective
 .Service Workers
 3740 .PRT-Firefighters
 3750 .PRT-Fire Inspectors
 3801 .PRT-Bailiffs
 3802 .PRT-Correctional Officers and Jailers
 3820 .PRT-Detectives And Criminal Investigators
 3840 .PRT-Fish And Game Wardens And Parking Enforcement Officers
 3870 .PRT-Police Officers
 3900 .PRT-Animal Control Workers
 3910 .PRT-Private Detectives And Investigators
 3930 .PRT-Security Guards And Gambling Surveillance Officers
 3940 .PRT-Crossing Guards And Flaggers
 3945 .PRT-Transportation Security Screeners
 3946 .PRT-School Bus Monitors
 3960 .PRT-Other Protective Service Workers
 4000 .EAT-Chefs And Head Cooks

4010 .EAT-First-Line Supervisors Of Food Preparation And Serving
 .Workers
 4020 .EAT-Cooks
 4030 .EAT-Food Preparation Workers
 4040 .EAT-Bartenders
 4055 .EAT-Fast Food And Counter Workers
 4110 .EAT-Waiters And Waitresses
 4120 .EAT-Food Servers, Nonrestaurant
 4130 .EAT-Dining Room And Cafeteria Attendants And Bartender
 .Helpers
 4140 .EAT-Dishwashers
 4150 .EAT-Hosts And Hostesses, Restaurant, Lounge, And Coffee
 .Shop
 4160 .EAT-Food Preparation and Serving Related Workers, All Other
 4200 .CLN-First-Line Supervisors Of Housekeeping And Janitorial
 .Workers
 4210 .CLN-First-Line Supervisors Of Landscaping, Lawn Service,
 .And Groundskeeping Workers
 4220 .CLN-Janitors And Building Cleaners
 4230 .CLN-Maids And Housekeeping Cleaners
 4240 .CLN-Pest Control Workers
 4251 .CLN-Landscaping And Groundskeeping Workers
 4252 .CLN-Tree Trimmers and Pruners
 4255 .CLN-Other Grounds Maintenance Workers
 4330 .PRS-Supervisors Of Personal Care And Service Workers
 4340 .PRS-Animal Trainers
 4350 .PRS-Animal Caretakers
 4400 .PRS-Gambling Services Workers
 4420 .PRS-Ushers, Lobby Attendants, And Ticket Takers
 4435 .PRS-Other Entertainment Attendants And Related Workers
 4461 .PRS-Embalmers, Crematory Operators And Funeral Attendants
 4465 .PRS-Morticians, Undertakers, And Funeral Arrangers
 4500 .PRS-Barbers
 4510 .PRS-Hairdressers, Hairstylists, And Cosmetologists
 4521 .PRS-Manicurists And Pedicurists
 4522 .PRS-Skincare Specialists
 4525 .PRS-Other Personal Appearance Workers
 4530 .PRS-Baggage Porters, Bellhops, And Concierges
 4540 .PRS-Tour And Travel Guides
 4600 .PRS-Childcare Workers
 4621 .PRS-Exercise Trainers And Group Fitness Instructors
 4622 .PRS-Recreation Workers
 4640 .PRS-Residential Advisors
 4655 .PRS-Personal Care and Service Workers, All Other
 4700 .SAL-First-Line Supervisors Of Retail Sales Workers
 4710 .SAL-First-Line Supervisors Of Non-Retail Sales Workers
 4720 .SAL-Cashiers
 4740 .SAL-Counter And Rental Clerks
 4750 .SAL-Parts Salespersons
 4760 .SAL-Retail Salespersons
 4800 .SAL-Advertising Sales Agents
 4810 .SAL-Insurance Sales Agents
 4820 .SAL-Securities, Commodities, And Financial Services Sales
 .Agents
 4830 .SAL-Travel Agents
 4840 .SAL-Sales Representatives Of Services, Except Advertising,
 .Insurance, Financial Services, And Travel

4850 .SAL-Sales Representatives, Wholesale And Manufacturing
 4900 .SAL-Models, Demonstrators, And Product Promoters
 4920 .SAL-Real Estate Brokers And Sales Agents
 4930 .SAL-Sales Engineers
 4940 .SAL-Telemarketers
 4950 .SAL-Door-To-Door Sales Workers, News And Street Vendors,
 .And Related Workers
 4965 .SAL-Sales And Related Workers, All Other
 5000 .OFF-First-Line Supervisors Of Office And Administrative
 .Support Workers
 5010 .OFF-Switchboard Operators, Including Answering Service
 5020 .OFF-Telephone Operators
 5040 .OFF-Communications Equipment Operators, All Other
 5100 .OFF-Bill And Account Collectors
 5110 .OFF-Billing And Posting Clerks
 5120 .OFF-Bookkeeping, Accounting, And Auditing Clerks
 5140 .OFF-Payroll And Timekeeping Clerks
 5150 .OFF-Procurement Clerks
 5160 .OFF-Tellers
 5165 .OFF-Other Financial Clerks
 5220 .OFF-Court, Municipal, And License Clerks
 5230 .OFF-Credit Authorizers, Checkers, And Clerks
 5240 .OFF-Customer Service Representatives
 5250 .OFF-Eligibility Interviewers, Government Programs
 5260 .OFF-File Clerks
 5300 .OFF-Hotel, Motel, And Resort Desk Clerks
 5310 .OFF-Interviewers, Except Eligibility And Loan
 5320 .OFF-Library Assistants, Clerical
 5330 .OFF-Loan Interviewers And Clerks
 5340 .OFF-New Accounts Clerks
 5350 .OFF-Correspondence Clerks And Order Clerks
 5360 .OFF-Human Resources Assistants, Except Payroll And
 .Timekeeping
 5400 .OFF-Receptionists And Information Clerks
 5410 .OFF-Reservation And Transportation Ticket Agents And Travel
 .Clerks
 5420 .OFF-Other Information And Records Clerks
 5500 .OFF-Cargo And Freight Agents
 5510 .OFF-Couriers And Messengers
 5521 .OFF-Public Safety Telecommunicators
 5522 .OFF-Dispatchers, Except Police, Fire, And Ambulance
 5530 .OFF-Meter Readers, Utilities
 5540 .OFF-Postal Service Clerks
 5550 .OFF-Postal Service Mail Carriers
 5560 .OFF-Postal Service Mail Sorters, Processors, And Processing
 .Machine Operators
 5600 .OFF-Production, Planning, And Expediting Clerks
 5610 .OFF-Shipping, Receiving, And Inventory Clerks
 5630 .OFF-Weighers, Measurers, Checkers, And Samplers,
 .Recordkeeping
 5710 .OFF-Executive Secretaries And Executive Administrative
 .Assistants
 5720 .OFF-Legal Secretaries and Administrative Assistants
 5730 .OFF-Medical Secretaries and Administrative Assistants
 5740 .OFF-Secretaries And Administrative Assistants, Except
 .Legal, Medical, And Executive
 5810 .OFF-Data Entry Keyers

5820 .OFF-Word Processors And Typists
 5840 .OFF-Insurance Claims And Policy Processing Clerks
 5850 .OFF-Mail Clerks And Mail Machine Operators, Except Postal
 .Service
 5860 .OFF-Office Clerks, General
 5900 .OFF-Office Machine Operators, Except Computer
 5910 .OFF-Proofreaders And Copy Markers
 5920 .OFF-Statistical Assistants
 5940 .OFF-Other Office And Administrative Support Workers
 6005 .FFF-First-Line Supervisors Of Farming, Fishing, And
 .Forestry Workers
 6010 .FFF-Agricultural Inspectors
 6040 .FFF-Graders And Sorters, Agricultural Products
 6050 .FFF-Other Agricultural Workers
 6115 .FFF-Fishing And Hunting Workers
 6120 .FFF-Forest And Conservation Workers
 6130 .FFF-Logging Workers
 6200 .CON-First-Line Supervisors Of Construction Trades And
 .Extraction Workers
 6210 .CON-Boilermakers
 6220 .CON-Brickmasons, Blockmasons, Stonemasons, And Reinforcing
 .Iron And Rebar Workers
 6230 .CON-Carpenters
 6240 .CON-Carpet, Floor, And Tile Installers And Finishers
 6250 .CON-Cement Masons, Concrete Finishers, And Terrazzo Workers
 6260 .CON-Construction Laborers
 6305 .CON-Construction Equipment Operators
 6330 .CON-Drywall Installers, Ceiling Tile Installers, And Tapers
 6355 .CON-Electricians
 6360 .CON-Glaziers
 6400 .CON-Insulation Workers
 6410 .CON-Painters and Paperhangers
 6441 .CON-Pipelayers
 6442 .CON-Plumbers, Pipefitters, And Steamfitters
 6460 .CON-Plasterers And Stucco Masons
 6515 .CON-Roofers
 6520 .CON-Sheet Metal Workers
 6530 .CON-Structural Iron And Steel Workers
 6540 .CON-Solar Photovoltaic Installers
 6600 .CON-Helpers, Construction Trades
 6660 .CON-Construction And Building Inspectors
 6700 .CON-Elevator and Escalator Installers And Repairers
 6710 .CON-Fence Erectors
 6720 .CON-Hazardous Materials Removal Workers
 6730 .CON-Highway Maintenance Workers
 6740 .CON-Rail-Track Laying And Maintenance Equipment Operators
 6765 .CON-Other Construction And Related Workers
 6800 .EXT-Derrick, Rotary Drill, And Service Unit Operators, And
 .Roustabouts, Oil And Gas
 6825 .EXT-Surface Mining Machine Operators And Earth Drillers
 6835 .EXT-Explosives Workers, Ordnance Handling Experts, and
 .Blasters
 6850 .EXT-Underground Mining Machine Operators
 6950 .EXT-Other Extraction Workers
 7000 .RPR-First-Line Supervisors Of Mechanics, Installers, And
 .Repairers

7010 .RPR-Computer, Automated Teller, And Office Machine
 .Repairers
 7020 .RPR-Radio And Telecommunications Equipment Installers And
 .Repairers
 7030 .RPR-Avionics Technicians
 7040 .RPR-Electric Motor, Power Tool, And Related Repairers
 7100 .RPR-Other Electrical And Electronic Equipment Mechanics,
 .Installers, And Repairers
 7120 .RPR-Audiovisual Equipment Installers And Repairers
 7130 .RPR-Security And Fire Alarm Systems Installers
 7140 .RPR-Aircraft Mechanics And Service Technicians
 7150 .RPR-Automotive Body And Related Repairers
 7160 .RPR-Automotive Glass Installers And Repairers
 7200 .RPR-Automotive Service Technicians And Mechanics
 7210 .RPR-Bus And Truck Mechanics And Diesel Engine Specialists
 7220 .RPR-Heavy Vehicle And Mobile Equipment Service Technicians
 .And Mechanics
 7240 .RPR-Small Engine Mechanics
 7260 .RPR-Miscellaneous Vehicle And Mobile Equipment Mechanics,
 .Installers, And Repairers
 7300 .RPR-Control And Valve Installers And Repairers
 7315 .RPR-Heating, Air Conditioning, And Refrigeration Mechanics
 .And Installers
 7320 .RPR-Home Appliance Repairers
 7330 .RPR-Industrial And Refractory Machinery Mechanics
 7340 .RPR-Maintenance And Repair Workers, General
 7350 .RPR-Maintenance Workers, Machinery
 7360 .RPR-Millwrights
 7410 .RPR-Electrical Power-Line Installers And Repairers
 7420 .RPR-Telecommunications Line Installers And Repairers
 7430 .RPR-Precision Instrument And Equipment Repairers
 7510 .RPR-Coin, Vending, And Amusement Machine Servicers And
 .Repairers
 7540 .RPR-Locksmiths And Safe Repairers
 7560 .RPR-Riggers
 7610 .RPR-Helpers--Installation, Maintenance, And Repair Workers
 7640 .RPR-Other Installation, Maintenance, And Repair Workers
 7700 .PRD-First-Line Supervisors Of Production And Operating
 .Workers
 7720 .PRD-Electrical, Electronics, And Electromechanical
 .Assemblers
 7730 .PRD-Engine And Other Machine Assemblers
 7740 .PRD-Structural Metal Fabricators And Fitters
 7750 .PRD-Other Assemblers And Fabricators
 7800 .PRD-Bakers
 7810 .PRD-Butchers And Other Meat, Poultry, And Fish Processing
 .Workers
 7830 .PRD-Food And Tobacco Roasting, Baking, And Drying Machine
 .Operators And Tenders
 7840 .PRD-Food Batchmakers
 7850 .PRD-Food Cooking Machine Operators And Tenders
 7855 .PRD-Food Processing Workers, All Other
 7905 .PRD-Computer Numerically Controlled Tool Operators And
 .Programmers
 7925 .PRD-Forming Machine Setters, Operators, And Tenders, Metal
 .And Plastic

7950 .PRD-Cutting, Punching, And Press Machine Setters,
 .Operators, And Tenders, Metal And Plastic
 8000 .PRD-Grinding, Lapping, Polishing, And Buffing Machine Tool
 .Setters, Operators, And Tenders, Metal And Plastic
 8025 .PRD-Other Machine Tool Setters, Operators, And Tenders,
 .Metal and Plastic
 8030 .PRD-Machinists
 8040 .PRD-Metal Furnace Operators, Tenders, Pourers, And Casters
 8100 .PRD-Model Makers, Patternmakers, And Molding Machine
 .Setters, Metal And Plastic
 8130 .PRD-Tool And Die Makers
 8140 .PRD-Welding, Soldering, And Brazing Workers
 8225 .PRD-Other Metal Workers And Plastic Workers
 8250 .PRD-Prepress Technicians And Workers
 8255 .PRD-Printing Press Operators
 8256 .PRD-Print Binding And Finishing Workers
 8300 .PRD-Laundry And Dry-Cleaning Workers
 8310 .PRD-Pressers, Textile, Garment, And Related Materials
 8320 .PRD-Sewing Machine Operators
 8335 .PRD-Shoe And Leather Workers
 8350 .PRD-Tailors, Dressmakers, And Sewers
 8365 .PRD-Textile Machine Setters, Operators, And Tenders
 8450 .PRD-Upholsterers
 8465 .PRD-Other Textile, Apparel, And Furnishings Workers
 8500 .PRD-Cabinetmakers And Bench Carpenters
 8510 .PRD-Furniture Finishers
 8530 .PRD-Sawing Machine Setters, Operators, And Tenders, Wood
 8540 .PRD-Woodworking Machine Setters, Operators, And Tenders,
 .Except Sawing
 8555 .PRD-Other Woodworkers
 8600 .PRD-Power Plant Operators, Distributors, And Dispatchers
 8610 .PRD-Stationary Engineers And Boiler Operators
 8620 .PRD-Water And Wastewater Treatment Plant And System
 .Operators
 8630 .PRD-Miscellaneous Plant And System Operators
 8640 .PRD-Chemical Processing Machine Setters, Operators, And
 .Tenders
 8650 .PRD-Crushing, Grinding, Polishing, Mixing, And Blending
 .Workers
 8710 .PRD-Cutting Workers
 8720 .PRD-Extruding, Forming, Pressing, And Compacting Machine
 .Setters, Operators, And Tenders
 8730 .PRD-Furnace, Kiln, Oven, Drier, And Kettle Operators And
 .Tenders
 8740 .PRD-Inspectors, Testers, Sorters, Samplers, And Weighers
 8750 .PRD-Jewelers And Precious Stone And Metal Workers
 8760 .PRD-Dental And Ophthalmic Laboratory Technicians And
 .Medical Appliance Technicians
 8800 .PRD-Packaging And Filling Machine Operators And Tenders
 8810 .PRD-Painting Workers
 8830 .PRD-Photographic Process Workers And Processing Machine
 .Operators
 8850 .PRD-Adhesive Bonding Machine Operators And Tenders
 8910 .PRD-Etchers And Engravers
 8920 .PRD-Molders, Shapers, And Casters, Except Metal And Plastic
 8930 .PRD-Paper Goods Machine Setters, Operators, And Tenders
 8940 .PRD-Tire Builders

8950 .PRD-Helpers--Production Workers
 8990 .PRD-Miscellaneous Production Workers, Including Equipment
 .Operators And Tenders
 9005 .TRN-Supervisors Of Transportation And Material Moving
 .Workers
 9030 .TRN-Aircraft Pilots And Flight Engineers
 9040 .TRN-Air Traffic Controllers And Airfield Operations
 .Specialists
 9050 .TRN-Flight Attendants
 9110 .TRN-Ambulance Drivers And Attendants, Except Emergency
 .Medical Technicians
 9121 .TRN-Bus Drivers, School
 9122 .TRN-Bus Drivers, Transit And Intercity
 9130 .TRN-Driver/Sales Workers And Truck Drivers
 9141 .TRN-Shuttle Drivers And Chauffeurs
 9142 .TRN-Taxi Drivers
 9150 .TRN-Motor Vehicle Operators, All Other
 9210 .TRN-Locomotive Engineers And Operators
 9240 .TRN-Railroad Conductors And Yardmasters
 9265 .TRN-Other Rail Transportation Workers
 9300 .TRN-Sailors And Marine Oilers, And Ship Engineers
 9310 .TRN-Ship And Boat Captains And Operators
 9350 .TRN-Parking Attendants
 9365 .TRN-Transportation Service Attendants
 9410 .TRN-Transportation Inspectors
 9415 .TRN-Passenger Attendants
 9430 .TRN-Other Transportation Workers
 9510 .TRN-Crane And Tower Operators
 9570 .TRN-Conveyor, Dredge, And Hoist and Winch Operators
 9600 .TRN-Industrial Truck And Tractor Operators
 9610 .TRN-Cleaners Of Vehicles And Equipment
 9620 .TRN-Laborers And Freight, Stock, And Material Movers, Hand
 9630 .TRN-Machine Feeders And Offbearers
 9640 .TRN-Packers And Packagers, Hand
 9645 .TRN-Stockers And Order Fillers
 9650 .TRN-Pumping Station Operators
 9720 .TRN-Refuse And Recyclable Material Collectors
 9760 .TRN-Other Material Moving Workers
 9800 .MIL-Military Officer Special And Tactical Operations
 .Leaders
 9810 .MIL-First-Line Enlisted Military Supervisors
 9825 .MIL-Military Enlisted Tactical Operations And Air/Weapons
 .Specialists And Crew Members
 9830 .MIL-Military, Rank Not Specified
 9920 .Unemployed, With No Work Experience In The Last 5 Years Or
 .Earlier Or Never Worked

PAOC Character 1

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

PERNP Numeric 7

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

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

PINCP Numeric 7

Total person's income (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 (individuals who are under 15 and are either living
 .in a housing unit but are unrelated to the householder
 .or are living in select group quarters)
 0..500 .Below 501 percent
 501 .501 percent or more

POWPUMA Character 5

Place of work PUMA based on 2010 Census definitions

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

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

RAC3P Character 3

Recoded detailed race code

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

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

078 .White; Black or African American; Asian groups
 079 .White; American Indian and Alaska Native; Asian groups
 080 .White; Native Hawaiian and Other Pacific Islander groups;
 .and/or Some Other Race
 081 .White; Black or African American; American Indian and Alaska
 .Native; Asian groups
 082 .White; Black or African American; American Indian and Alaska
 .Native; and/or Native Hawaiian and Other Pacific Islander
 .groups; and/or Some Other Race
 083 .White; Black or African American; and/or Asian groups;
 .and/or Native Hawaiian and Other Pacific Islander groups;
 .and/or Some Other Race
 084 .White; American Indian and Alaska Native; and/or Asian
 .groups; and/or Native Hawaiian and Other Pacific Islander
 .groups
 085 .White; Chinese; Filipino; and/or Asian groups; and/or Native
 .Hawaiian and Other Pacific Islander groups; and/or Some
 .Other Race
 086 .White; Chinese; and/or Asian groups; and/or Native Hawaiian
 .and Other Pacific Islander groups; and/or Some Other Race
 087 .White; Filipino; and/or Native Hawaiian and Other Pacific
 .Islander groups; and/or Some Other Race
 088 .White; Japanese; and/or Asian groups; and/or Native Hawaiian
 .and Other Pacific Islander groups; and/or Some Other Race
 089 .White; Asian groups; and/or Native Hawaiian and Other
 .Pacific Islander groups; and/or Some Other Race
 090 .Black or African American; American Indian and Alaska
 .Native; and/or Asian groups; and/or Native Hawaiian and
 .Other Pacific Islander groups; and/or Some Other Race
 091 .Black or African American; Asian groups; and/or Native
 .Hawaiian and Other Pacific Islander groups; and/or Some
 .Other Race
 092 .American Indian and Alaska Native; Asian groups; and/or
 .Native Hawaiian and Other Pacific Islander groups; and/or
 .Some Other Race
 093 .Asian Indian; and/or White; and/or Asian groups; and/or
 .Native Hawaiian and Other Pacific Islander groups; and/or
 .Some Other Race
 094 .Chinese; Japanese; Native Hawaiian; and/or other Asian
 .and/or Pacific Islander groups
 095 .Chinese; and/or Asian groups; and/or Native Hawaiian and
 .Other Pacific Islander groups; and/or Some Other Race
 096 .Filipino; and/or Asian groups; and/or Native Hawaiian and
 .Other Pacific Islander groups; and/or Some Other Race
 097 .Japanese; and/or Asian groups; and/or Native Hawaiian and
 .Other Pacific Islander groups; and/or Some Other Race
 098 .Korean; and/or Vietnamese; and/or Other Asian; and/or Native
 .Hawaiian and Other Pacific Islander groups; and/or Some
 .Other Race
 099 .Native Hawaiian; and/or Pacific Islander groups; and/or Some
 .Other Race
 100 .White; and/or Black or African American; and/or American
 .Indian and Alaska Native; and/or Asian groups; and/or Native
 .Hawaiian and Other Pacific Islander groups; and/or Some
 .Other Race

RACAIAN **Character** **1**
American Indian and Alaska Native recode (American Indian and Alaska Native alone or in combination with one or more other races)
0 .No
1 .Yes

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

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

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

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

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

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

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

RC **Character** **1**
Related child
b .N/A (in GQ for 2017 and later)
0 .No and GQ records for 2016 and earlier
1 .Yes

SCIENGP **Character** **1**
Field of degree science and engineering flag - NSF definition
b .N/A (less than a bachelor's degree)
1 .Yes

2 .No

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

SOC Character 6

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

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

1110XX .MGR-Chief Executives And Legislators

111021 .MGR-General And Operations Managers

112011 .MGR-Advertising And Promotions Managers

112021 .MGR-Marketing Managers

112022 .MGR-Sales Managers

112030 .MGR-Public Relations And Fundraising Managers

113012 .MGR-Administrative Services Managers

113013 .MGR-Facilities Managers

113021 .MGR-Computer And Information Systems Managers

113031 .MGR-Financial Managers

113111 .MGR-Compensation And Benefits Managers

113121 .MGR-Human Resources Managers

113131 .MGR-Training And Development Managers

113051 .MGR-Industrial Production Managers

113061 .MGR-Purchasing Managers

113071 .MGR-Transportation, Storage, And Distribution Managers

119013 .MGR-Farmers, Ranchers, And Other Agricultural Managers

119021 .MGR-Construction Managers

119030 .MGR-Education And Childcare Administrators

119041 .MGR-Architectural And Engineering Managers

119051 .MGR-Food Service Managers

119070 .MGR-Entertainment And Recreation Managers

119081 .MGR-Lodging Managers

119111 .MGR-Medical And Health Services Managers

119121 .MGR-Natural Sciences Managers

119141 .MGR-Property, Real Estate, And Community Association
 .Managers
 119151 .MGR-Social And Community Service Managers
 119161 .MGR-Emergency Management Directors
 1191XX .MGR-Other Managers
 131011 .BUS-Agents And Business Managers Of Artists, Performers,
 .And Athletes
 131021 .BUS-Buyers And Purchasing Agents, Farm Products
 131022 .BUS-Wholesale And Retail Buyers, Except Farm Products
 131023 .BUS-Purchasing Agents, Except Wholesale, Retail, And Farm
 .Products
 131030 .BUS-Claims Adjusters, Appraisers, Examiners, And
 .Investigators
 131041 .BUS-Compliance Officers
 131051 .BUS-Cost Estimators
 131070 .BUS-Human Resources Workers
 131081 .BUS-Logisticians
 131082 .BUS-Project Management Specialists
 131111 .BUS-Management Analysts
 131121 .BUS-Meeting, Convention, And Event Planners
 131131 .BUS-Fundraisers
 131141 .BUS-Compensation, Benefits, And Job Analysis Specialists
 131151 .BUS-Training And Development Specialists
 131161 .BUS-Market Research Analysts And Marketing Specialists
 131199 .BUS-Business Operations Specialists, All Other
 132011 .FIN-Accountants And Auditors
 132020 .FIN-Property Appraisers And Assessors
 132031 .FIN-Budget Analysts
 132041 .FIN-Credit Analysts
 132051 .FIN-Financial And Investment Analysts
 132052 .FIN-Personal Financial Advisors
 132053 .FIN-Insurance Underwriters
 132061 .FIN-Financial Examiners
 132070 .FIN-Credit Counselors And Loan Officers
 132081 .FIN-Tax Examiners And Collectors, And Revenue Agents
 132082 .FIN-Tax Preparers
 1320XX .FIN-Other Financial Specialists
 151221 .CMM-Computer And Information Research Scientists
 151211 .CMM-Computer Systems Analysts
 151212 .CMM-Information Security Analysts
 151251 .CMM-Computer Programmers
 151252 .CMM-Software Developers
 151253 .CMM-Software Quality Assurance Analysts And Testers
 151254 .CMM-Web Developers
 151255 .CMM-Web And Digital Interface Designers
 151230 .CMM-Computer Support Specialists
 15124X .CMM-Database Administrators And Architects
 151244 .CMM-Network And Computer Systems Administrators
 151241 .CMM-Computer Network Architects
 151299 .CMM-Computer Occupations, All Other
 152011 .CMM-Actuaries
 152031 .CMM-Operations Research Analysts
 1520XX .CMM-Other Mathematical Science Occupations
 171011 .ENG-Architects, Except Landscape And Naval
 171012 .ENG-Landscape Architects
 171020 .ENG-Surveyors, Cartographers, And Photogrammetrists
 172011 .ENG-Aerospace Engineers

1720XX .ENG-Biomedical And Agricultural Engineers
 172041 .ENG-Chemical Engineers
 172051 .ENG-Civil Engineers
 172061 .ENG-Computer Hardware Engineers
 172070 .ENG-Electrical And Electronics Engineers
 172081 .ENG-Environmental Engineers
 172110 .ENG-Industrial Engineers, Including Health And Safety
 172121 .ENG-Marine Engineers And Naval Architects
 172131 .ENG-Materials Engineers
 172141 .ENG-Mechanical Engineers
 1721XX .ENG-Petroleum, Mining And Geological Engineers, Including
 .Mining Safety Engineers
 1721YY .ENG-Other Engineers
 173011 .ENG-Architectural And Civil Drafters
 17301X .ENG-Other Drafters
 173023 .ENG-Electrical and Electronic Engineering Technologists
 .And Technicians
 17302X .ENG-Other Engineering Technologists And Technicians,
 .Except Drafters
 173031 .ENG-Surveying And Mapping Technicians
 191010 .SCI-Agricultural And Food Scientists
 191020 .SCI-Biological Scientists
 191030 .SCI-Conservation Scientists And Foresters
 1910XX .SCI-Other Life Scientists
 192010 .SCI-Astronomers And Physicists
 192021 .SCI-Atmospheric And Space Scientists
 192030 .SCI-Chemists And Materials Scientists
 192041 .SCI-Environmental Scientists And Specialists, Including
 .Health
 19204X .SCI-Geoscientists And Hydrologists, Except Geographers
 192099 .SCI-Physical Scientists, All Other
 193011 .SCI-Economists
 193033 .SCI-Clinical And Counseling Psychologists
 193034 .SCI-School Psychologists
 19303X .SCI-Other Psychologists
 193051 .SCI-Urban And Regional Planners
 1930XX .SCI-Other Social Scientists
 194010 .SCI-Agricultural And Food Science Technicians
 194021 .SCI-Biological Technicians
 194031 .SCI-Chemical Technicians
 1940XX .SCI-Environmental Science And Geoscience Technicians, And
 .Nuclear Technicians
 1940YY .SCI-Other Life, Physical, And Social Science Technicians
 195010 .SCI-Occupational Health And Safety Specialists And
 .Technicians
 211011 .CMS-Substance Abuse And Behavioral Disorder Counselors
 211012 .CMS-Educational, Guidance, And Career Counselors And
 .Advisors
 211013 .CMS-Marriage And Family Therapists
 211014 .CMS-Mental Health Counselors
 211015 .CMS-Rehabilitation Counselors
 211019 .CMS-Counselors, All Other
 211021 .CMS-Child, Family, And School Social Workers
 211022 .CMS-Healthcare Social Workers
 211023 .CMS-Mental Health And Substance Abuse Social Workers
 211029 .CMS-Social Workers, All Other

211092 .CMS-Probation Officers And Correctional Treatment
 .Specialists
 211093 .CMS-Social And Human Service Assistants
 21109X .CMS-Other Community And Social Service Specialists
 212011 .CMS-Clergy
 212021 .CMS-Directors, Religious Activities And Education
 212099 .CMS-Religious Workers, All Other
 2310XX .LGL-Lawyers, And Judges, Magistrates, And Other Judicial
 .Workers
 231012 .LGL-Judicial Law Clerks
 232011 .LGL-Paralegals And Legal Assistants
 232093 .LGL-Title Examiners, Abstractors, And Searchers
 232099 .LGL-Legal Support Workers, All Other
 251000 .EDU-Postsecondary Teachers
 252010 .EDU-Preschool And Kindergarten Teachers
 252020 .EDU-Elementary And Middle School Teachers
 252030 .EDU-Secondary School Teachers
 252050 .EDU-Special Education Teachers
 253041 .EDU-Tutors
 2530XX .EDU-Other Teachers And Instructors
 254010 .EDU-Archivists, Curators, And Museum Technicians
 254022 .EDU-Librarians And Media Collections Specialists
 254031 .EDU-Library Technicians
 259040 .EDU-Teaching Assistants
 2590XX .EDU-Other Educational Instruction and Library Workers
 271010 .ENT-Artists And Related Workers
 271021 .ENT-Commercial And Industrial Designers
 271022 .ENT-Fashion Designers
 271023 .ENT-Floral Designers
 271024 .ENT-Graphic Designers
 271025 .ENT-Interior Designers
 271026 .ENT-Merchandise Displayers And Window Trimmers
 27102X .ENT-Other Designers
 272011 .ENT-Actors
 272012 .ENT-Producers And Directors
 272021 .ENT-Athletes And Sports Competitors
 272022 .ENT-Coaches And Scouts
 272023 .ENT-Umpires, Referees, And Other Sports Officials
 272030 .ENT-Dancers And Choreographers
 272041 .ENT-Music Directors And Composers
 272042 .ENT-Musicians And Singers
 272091 .ENT-Disc Jockeys, Except Radio
 272099 .ENT-Entertainers And Performers, Sports And Related
 .Workers, All Other
 273011 .ENT-Broadcast Announcers And Radio Disc Jockeys
 273023 .ENT-News Analysts, Reporters, And Journalists
 273031 .ENT-Public Relations Specialists
 273041 .ENT-Editors
 273042 .ENT-Technical Writers
 273043 .ENT-Writers And Authors
 273091 .ENT-Interpreters And Translators
 273092 .ENT-Court Reporters And Simultaneous Captioners
 273099 .ENT-Media And Communication Workers, All Other
 2740XX .ENT-Other Media And Communication Equipment Workers
 274021 .ENT-Photographers
 274030 .ENT-Television, Video, And Film Camera Operators And
 .Editors

291011 .MED-Chiropractors
 291020 .MED-Dentists
 291031 .MED-Dietitians And Nutritionists
 291041 .MED-Optometrists
 291051 .MED-Pharmacists
 291210 .MED-Physicians
 291240 .MED-Surgeons
 291071 .MED-Physician Assistants
 291081 .MED-Podiatrists
 291122 .MED-Occupational Therapists
 291123 .MED-Physical Therapists
 291124 .MED-Radiation Therapists
 291125 .MED-Recreational Therapists
 291126 .MED-Respiratory Therapists
 291127 .MED-Speech-Language Pathologists
 29112X .MED-Other Therapists
 291131 .MED-Veterinarians
 291141 .MED-Registered Nurses
 291151 .MED-Nurse Anesthetists
 291181 .MED-Audiologists
 2911XX .MED-Nurse Practitioners, And Nurse Midwives
 291291 .MED-Acupuncturists
 291299 .MED-Healthcare Diagnosing Or Treating Practitioners, All
 .Other
 292010 .MED-Clinical Laboratory Technologists And Technicians
 291292 .MED-Dental Hygienists
 292031 .MED-Cardiovascular Technologists And Technicians
 292032 .MED-Diagnostic Medical Sonographers
 292034 .MED-Radiologic Technologists And Technicians
 292035 .MED-Magnetic Resonance Imaging Technologists
 29203X .MED-Nuclear Medicine Technologists And Medical
 .Dosimetrists
 292042 .MED-Emergency Medical Technicians
 292043 .MED-Paramedics
 292052 .MED-Pharmacy Technicians
 292053 .MED-Psychiatric Technicians
 292055 .MED-Surgical Technologists
 292056 .MED-Veterinary Technologists And Technicians
 29205X .MED-Dietetic Technicians And Ophthalmic Medical
 .Techinicians
 292061 .MED-Licensed Practical And Licensed Vocational Nurses
 292072 .MED-Medical Records Specialists
 292081 .MED-Opticians, Dispensing
 292090 .MED-Miscellaneous Health Technologists And Technicians
 299000 .MED-Other Healthcare Practitioners And Technical
 .Occupations
 311121 .HLS-Home Health Aides
 311122 .HLS-Personal Care Aides
 311131 .HLS-Nursing Assistants
 31113X .HLS-Orderlies And Psychiatric Aides
 312010 .HLS-Occupational Therapy Assistants And Aides
 312020 .HLS-Physical Therapist Assistants And Aides
 319011 .HLS-Massage Therapists
 319091 .HLS-Dental Assistants
 319092 .HLS-Medical Assistants
 319094 .HLS-Medical Transcriptionists
 319095 .HLS-Pharmacy Aides

319096 .HLS-Veterinary Assistants And Laboratory Animal
 .Caretakers
 319097 .HLS-Phlebotomists
 31909X .HLS-Other Healthcare Support Workers
 331011 .PRT-First-Line Supervisors Of Correctional Officers
 331012 .PRT-First-Line Supervisors Of Police And Detectives
 331021 .PRT-First-Line Supervisors Of Firefighting And Prevention
 .Workers
 331090 .PRT-Miscellaneous First-Line Supervisors, Protective
 .Service Workers
 332011 .PRT-Firefighters
 332020 .PRT-Fire Inspectors
 333011 .PRT-Bailiffs
 333012 .PRT-Correctional Officers And Jailers
 333021 .PRT-Detectives And Criminal Investigators
 3330XX .PRT-Fish And Game Wardens And Parking Enforcement
 .Officers
 333050 .PRT-Police Officers
 339011 .PRT-Animal Control Workers
 339021 .PRT-Private Detectives And Investigators
 339030 .PRT-Security Guards And Gambling Surveillance Officers
 339091 .PRT-Crossing Guards And Flaggers
 339093 .PRT-Transportation Security Screeners
 339094 .PRT-School Bus Monitors
 33909X .PRT-Other Protective Service Workers
 351011 .EAT-Chefs And Head Cooks
 351012 .EAT-First-Line Supervisors Of Food Preparation And
 .Serving Workers
 352010 .EAT-Cooks
 352021 .EAT-Food Preparation Workers
 353011 .EAT-Bartenders
 353023 .EAT-Fast Food And Counter Workers
 353031 .EAT-Waiters And Waitresses
 353041 .EAT-Food Servers, Nonrestaurant
 359011 .EAT-Dining Room And Cafeteria Attendants And Bartender
 .Helpers
 359021 .EAT-Dishwashers
 359031 .EAT-Hosts And Hostesses, Restaurant, Lounge, And Coffee
 .Shop
 359099 .EAT-Food Preparation And Serving Related Workers, All
 .Other
 371011 .CLN-First-Line Supervisors Of Housekeeping And Janitorial
 .Workers
 371012 .CLN-First-Line Supervisors Of Landscaping, Lawn Service,
 .And Groundskeeping Workers
 37201X .CLN-Janitors And Building Cleaners
 372012 .CLN-Maids And Housekeeping Cleaners
 372021 .CLN-Pest Control Workers
 373011 .CLN-Landscaping And Groundskeeping Workers
 373013 .CLN-Tree Trimmers And Pruners
 37301X .CLN-Other Grounds Maintenance Workers
 391000 .PRS-Supervisors of Personal Care And Service Workers
 392011 .PRS-Animal Trainers
 392021 .PRS-Animal Caretakers
 393010 .PRS-Gambling Services Workers
 393031 .PRS-Ushers, Lobby Attendants, And Ticket Takers
 3930XX .PRS-Other Entertainment Attendants And Related Workers

394031 .PRS-Morticians, Undertakers, And Funeral Arrangers
 3940XX .PRS-Embalmers, Crematory Operators And Funeral Attendants
 395011 .PRS-Barbers
 395012 .PRS-Hairdressers, Hairstylists, And Cosmetologists
 395092 .PRS-Manicurists and Pedicurists
 395094 .PRS-Skincare Specialists
 39509X .PRS-Other Personal Appearance Workers
 396010 .PRS-Baggage Porters, Bellhops, And Concierges
 397010 .PRS-Tour And Travel Guides
 399011 .PRS-Childcare Workers
 399031 .PRS-Exercise Trainers And Group Fitness Instructors
 399032 .PRS-Recreation Workers
 399041 .PRS-Residential Advisors
 399099 .PRS-Personal Care And Service Workers, All Other
 411011 .SAL-First-Line Supervisors Of Retail Sales Workers
 411012 .SAL-First-Line Supervisors Of Non-Retail Sales Workers
 412010 .SAL-Cashiers
 412021 .SAL-Counter And Rental Clerks
 412022 .SAL-Parts Salespersons
 412031 .SAL-Retail Salespersons
 413011 .SAL-Advertising Sales Agents
 413021 .SAL-Insurance Sales Agents
 413031 .SAL-Securities, Commodities, And Financial Services Sales
 .Agents
 413041 .SAL-Travel Agents
 413091 .SAL-Sales Representatives Of Services, Except
 .Advertising, Insurance, Financial Services, And Travel
 414010 .SAL-Sales Representatives, Wholesale And Manufacturing
 419010 .SAL-Models, Demonstrators, And Product Promoters
 419020 .SAL-Real Estate Brokers And Sales Agents
 419031 .SAL-Sales Engineers
 419041 .SAL-Telemarketers
 419091 .SAL-Door-To-Door Sales Workers, News And Street Vendors,
 .And Related Workers
 419099 .SAL-Sales And Related Workers, All Other
 431011 .OFF-First-Line Supervisors Of Office And Administrative
 .Support Workers
 432011 .OFF-Switchboard Operators, Including Answering Service
 432021 .OFF-Telephone Operators
 432099 .OFF-Communications Equipment Operators, All Other
 433011 .OFF-Bill And Account Collectors
 433021 .OFF-Billing And Posting Clerks
 433031 .OFF-Bookkeeping, Accounting, And Auditing Clerks
 433051 .OFF-Payroll And Timekeeping Clerks
 433061 .OFF-Procurement Clerks
 433071 .OFF-Tellers
 4330XX .OFF-Other Financial Clerks
 434031 .OFF-Court, Municipal, And License Clerks
 434041 .OFF-Credit Authorizers, Checkers, And Clerks
 434051 .OFF-Customer Service Representatives
 434061 .OFF-Eligibility Interviewers, Government Programs
 434071 .OFF-File Clerks
 434081 .OFF-Hotel, Motel, And Resort Desk Clerks
 434111 .OFF-Interviewers, Except Eligibility And Loan
 434121 .OFF-Library Assistants, Clerical
 434131 .OFF-Loan Interviewers And Clerks
 434141 .OFF-New Accounts Clerks

434XXX .OFF-Correspondence Clerks And Order Clerks
 434161 .OFF-Human Resources Assistants, Except Payroll And
 .Timekeeping
 434171 .OFF-Receptionists And Information Clerks
 434181 .OFF-Reservation And Transportation Ticket Agents And
 .Travel Clerks
 434YYY .OFF-Other Information And Records Clerks
 435011 .OFF-Cargo And Freight Agents
 435021 .OFF-Couriers And Messengers
 435031 .OFF-Public Safety Telecommunicators
 435032 .OFF-Dispatchers, Except Police, Fire, And Ambulance
 435041 .OFF-Meter Readers, Utilities
 435051 .OFF-Postal Service Clerks
 435052 .OFF-Postal Service Mail Carriers
 435053 .OFF-Postal Service Mail Sorters, Processors, And
 .Processing Machine Operators
 435061 .OFF-Production, Planning, And Expediting Clerks
 435071 .OFF-Shipping, Receiving, And Inventory Clerks
 435111 .OFF-Weighers, Measurers, Checkers, And Samplers,
 .Recordkeeping
 436011 .OFF-Executive Secretaries And Executive Administrative
 .Assistants
 436012 .OFF-Legal Secretaries And Administrative Assistants
 436013 .OFF-Medical Secretaries And Administrative Assistants
 436014 .OFF-Secretaries And Administrative Assistants, Except
 .Legal, Medical, And Executive
 439021 .OFF-Data Entry Keyers
 439022 .OFF-Word Processors And Typists
 439041 .OFF-Insurance Claims And Policy Processing Clerks
 439051 .OFF-Mail Clerks And Mail Machine Operators, Except Postal
 .Service
 439061 .OFF-Office Clerks, General
 439071 .OFF-Office Machine Operators, Except Computer
 439081 .OFF-Proofreaders And Copy Markers
 439111 .OFF-Statistical Assistants
 439XXX .OFF-Other Office And Administrative Support Workers
 451011 .FFF-First-Line Supervisors Of Farming, Fishing, And
 .Forestry Workers
 452011 .FFF-Agricultural Inspectors
 452041 .FFF-Graders And Sorters, Agricultural Products
 4520XX .FFF-Other Agricultural Workers
 453031 .FFF-Fishing And Hunting Workers
 454011 .FFF-Forest And Conservation Workers
 454020 .FFF-Logging Workers
 471011 .CON-First-Line Supervisors Of Construction Trades And
 .Extraction Workers
 472011 .CON-Boilermakers
 472031 .CON-Carpenters
 472040 .CON-Carpet, Floor, And Tile Installers And Finishers
 472050 .CON-Cement Masons, Concrete Finishers, And Terrazzo
 .Workers
 472061 .CON-Construction Laborers
 472070 .CON-Construction Equipment Operators
 472080 .CON-Drywall Installers, Ceiling Tile Installers, And
 .Tapers
 472111 .CON-Electricians
 472121 .CON-Glaziers

472130 .CON-Insulation Workers
 472140 .CON-Painters And Paperhangers
 472151 .CON-Pipelayers
 472152 .CON-Plumbers, Pipefitters, And Steamfitters
 472161 .CON-Plasterers And Stucco Masons
 472181 .CON-Roofers
 472211 .CON-Sheet Metal Workers
 472221 .CON-Structural Iron And Steel Workers
 472231 .CON-Solar Photovoltaic Installers
 472XXX .CON-Brickmasons, Blockmasons, Stonemasons, And
 .Reinforcing Iron And Rebar Workers
 473010 .CON-Helpers, Construction Trades
 474011 .CON-Construction And Building Inspectors
 474021 .CON-Elevator And Escalator Installers And Repairers
 474031 .CON-Fence Erectors
 474041 .CON-Hazardous Materials Removal Workers
 474051 .CON-Highway Maintenance Workers
 474061 .CON-Rail-Track Laying And Maintenance Equipment Operators
 4740XX .CON-Other Construction And Related Workers
 4750YY .EXT-Derrick, Rotary Drill, And Service Unit Operators,
 .And Roustabouts, Oil And Gas
 475020 .EXT-Surface Mining Machine Operators And Earth Drillers
 475032 .EXT-Explosives Workers, Ordnance Handling Experts, And
 .Blasters
 475040 .EXT-Underground Mining Machine Operators
 4750XX .EXT-Other Extraction Workers
 491011 .RPR-First-Line Supervisors Of Mechanics, Installers, And
 .Repairers
 492011 .RPR-Computer, Automated Teller, And Office Machine
 .Repairers
 492020 .RPR-Radio And Telecommunications Equipment Installers And
 .Repairers
 492091 .RPR-Avionics Technicians
 492092 .RPR-Electric Motor, Power Tool, And Related Repairers
 49209X .RPR-Other Electrical And Electronic Equipment Mechanics,
 .Installers, and Repairers
 492097 .RPR-Audiovisual Equipment Installers And Repairers
 492098 .RPR-Security And Fire Alarm Systems Installers
 493011 .RPR-Aircraft Mechanics And Service Technicians
 493021 .RPR-Automotive Body And Related Repairers
 493022 .RPR-Automotive Glass Installers And Repairers
 493023 .RPR-Automotive Service Technicians And Mechanics
 493031 .RPR-Bus And Truck Mechanics And Diesel Engine Specialists
 493040 .RPR-Heavy Vehicle And Mobile Equipment Service
 .Technicians And Mechanics
 493050 .RPR-Small Engine Mechanics
 493090 .RPR-Miscellaneous Vehicle And Mobile Equipment Mechanics,
 .Installers, And Repairers
 499010 .RPR-Control And Valve Installers And Repairers
 499021 .RPR-Heating, Air Conditioning, And Refrigeration
 .Mechanics And Installers
 499031 .RPR-Home Appliance Repairers
 49904X .RPR-Industrial And Refractory Machinery Mechanics
 499043 .RPR-Maintenance Workers, Machinery
 499044 .RPR-Millwrights
 499051 .RPR-Electrical Power-Line Installers And Repairers
 499052 .RPR-Telecommunications Line Installers And Repairers

499060 .RPR-Precision Instrument And Equipment Repairers
 499071 .RPR-Maintenance And Repair Workers, General
 499091 .RPR-Coin, Vending, And Amusement Machine Servicers And
 .Repairers
 499094 .RPR-Locksmiths And Safe Repairers
 499096 .RPR-Riggers
 499098 .RPR-Helpers--Installation, Maintenance, And Repair
 .Workers
 4990XX .RPR-Other Installation, Maintenance, And Repair Workers
 511011 .PRD-First-Line Supervisors Of Production And Operating
 .Workers
 512020 .PRD-Electrical, Electronics, And Electromechanical
 .Assemblers
 512031 .PRD-Engine And Other Machine Assemblers
 512041 .PRD-Structural Metal Fabricators And Fitters
 5120XX .PRD-Other Assemblers and Fabricators
 513011 .PRD-Bakers
 513020 .PRD-Butchers And Other Meat, Poultry, And Fish Processing
 .Workers
 513091 .PRD-Food And Tobacco Roasting, Baking, And Drying Machine
 .Operators And Tenders
 513092 .PRD-Food Batchmakers
 513093 .PRD-Food Cooking Machine Operators And Tenders
 513099 .PRD-Food Processing Workers, All Other
 519160 .PRD-Computer Numerically Controlled Tool Operators And
 .Programmers
 514020 .PRD-Forming Machine Setters, Operators, And Tenders,
 .Metal And Plastic
 514031 .PRD-Cutting, Punching, And Press Machine Setters,
 .Operators, And Tenders, Metal And Plastic
 514033 .PRD-Grinding, Lapping, Polishing, And Buffing Machine
 .Tool Setters, Operators, And Tenders, Metal and Plastic
 51403X .PRD-Other Machine Tool Setters, Operators, And Tenders,
 .Metal And Plastic
 514041 .PRD-Machinists
 514050 .PRD-Metal Furnace Operators, Tenders, Pourers, And
 .Casters
 5140XX .PRD-Model Makers, Patternmakers, And Molding Machine
 .Setters, Metal And Plastic
 514111 .PRD-Tool And Die Makers
 514120 .PRD-Welding, Soldering, And Brazing Workers
 514XXX .PRD-Other Metal Workers And Plastic Workers
 515111 .PRD-Prepress Technicians And Workers
 515112 .PRD-Printing Press Operators
 515113 .PRD-Print Binding And Finishing Workers
 516011 .PRD-Laundry And Dry-Cleaning Workers
 516021 .PRD-Pressers, Textile, Garment, And Related Materials
 516031 .PRD-Sewing Machine Operators
 516040 .PRD-Shoe And Leather Workers
 516050 .PRD-Tailors, Dressmakers, And Sewers
 516060 .PRD-Textile Machine Setters, Operators, And Tenders
 516093 .PRD-Upholsterers
 51609X .PRD-Other Textile, Apparel, And Furnishings Workers
 517011 .PRD-Cabinetmakers And Bench Carpenters
 517021 .PRD-Furniture Finishers
 517041 .PRD-Sawing Machine Setters, Operators, And Tenders, Wood

517042 .PRD-Woodworking Machine Setters, Operators, And Tenders,
 .Except Sawing
 5170XX .PRD-Other Woodworkers
 518010 .PRD-Power Plant Operators, Distributors, And Dispatchers
 518021 .PRD-Stationary Engineers And Boiler Operators
 518031 .PRD-Water And Wastewater Treatment Plant And System
 .Operators
 518090 .PRD-Miscellaneous Plant And System Operators
 519010 .PRD-Chemical Processing Machine Setters, Operators, And
 .Tenders
 519020 .PRD-Crushing, Grinding, Polishing, Mixing, And Blending
 .Workers
 519030 .PRD-Cutting Workers
 519041 .PRD-Extruding, Forming, Pressing, And Compacting Machine
 .Setters, Operators, And Tenders
 519051 .PRD-Furnace, Kiln, Oven, Drier, And Kettle Operators And
 .Tenders
 519061 .PRD-Inspectors, Testers, Sorters, Samplers, And Weighers
 519071 .PRD-Jewelers And Precious Stone And Metal Workers
 519080 .PRD-Dental And Ophthalmic Laboratory Technicians And
 .Medical Appliance Technicians
 519111 .PRD-Packaging And Filling Machine Operators And Tenders
 519120 .PRD-Painting Workers
 519151 .PRD-Photographic Process Workers And Processing Machine
 .Operators
 519191 .PRD-Adhesive Bonding Machine Operators And Tenders
 519194 .PRD-Etchers And Engravers
 519195 .PRD-Molders, Shapers, And Casters, Except Metal And
 .Plastic
 519196 .PRD-Paper Goods Machine Setters, Operators, And Tenders
 519197 .PRD-Tire Builders
 519198 .PRD-Helpers--Production Workers
 5191XX .PRD-Miscellaneous Production Workers, Including Equipment
 .Operators and Tenders
 531000 .TRN-Supervisors Of Transportation And Material Moving
 .Workers
 532010 .TRN-Aircraft Pilots And Flight Engineers
 532020 .TRN-Air Traffic Controllers And Airfield Operations
 .Specialists
 532031 .TRN-Flight Attendants
 533011 .TRN-Ambulance Drivers And Attendants, Except Emergency
 .Medical Technicians
 533051 .TRN-Bus Drivers, School
 533052 .TRN-Bus Drivers, Transit And Intercity
 533030 .TRN-Driver/Sales Workers And Truck Drivers
 533053 .TRN-Shuttle Drivers and Chauffeurs
 533054 .TRN-Taxi Drivers
 533099 .TRN-Motor Vehicle Operators, All Other
 534010 .TRN-Locomotive Engineers And Operators
 534031 .TRN-Railroad Conductors And Yardmasters
 5340XX .TRN-Other Rail Transportation Workers
 5350XX .TRN-Sailors And Marine Oilers, And Ship Engineers
 535020 .TRN-Ship And Boat Captains And Operators
 536021 .TRN-Parking Attendants
 536030 .TRN-Transportation Service Attendants
 536051 .TRN-Transportation Inspectors
 536061 .TRN-Passenger Attendants

5360XX .TRN-Other Transportation Workers
 537021 .TRN-Crane And Tower Operators
 5370XX .TRN-Conveyor, Dredge, And Hoist And Winch Operators
 537051 .TRN-Industrial Truck And Tractor Operators
 537061 .TRN-Cleaners Of Vehicles And Equipment
 537062 .TRN-Laborers And Freight, Stock, And Material Movers,
 .Hand
 537063 .TRN-Machine Feeders And Offbearers
 537064 .TRN-Packers And Packagers, Hand
 537065 .TRN-Stockers And Order Fillers
 537070 .TRN-Pumping Station Operators
 537081 .TRN-Refuse And Recyclable Material Collectors
 5371XX .TRN-Other Material Moving Workers
 551010 .MIL-Military Officer Special And Tactical Operations
 .Leaders
 552010 .MIL-First-Line Enlisted Military Supervisors
 553010 .MIL-Military Enlisted Tactical Operations And Air/Weapons
 .Specialists And Crew Members
 559830 .MIL-Military, Rank Not Specified
 999920 .Unemployed, With No Work Experience In The Last 5 Years
 .Or Earlier Or Never Worked

VPS **Character 2**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FHINS6P **Character** **1**
VA (Health Insurance through VA Health Care) allocation flag
0 .No
1 .Yes

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FRELSHIPP **Character** **1**
Relationship allocation flag
0 .No
1 .Yes

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

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

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

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

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

FSEXP **Character** **1**
Sex allocation flag
0 .No
1 .Yes

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

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

FWAGP **Character** **1**
Wages and salary income allocation flag
0 .No
1 .Yes

FWKHP **Character** **1**
Usual hours worked per week past 12 months allocation flag
0 .No
1 .Yes

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

FWKWNP **Character** **1**
Weeks worked (numeric) past 12 months allocation flag
0 .No
1 .Yes

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

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

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

PERSON RECORD-REPLICATE WEIGHTS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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