HOUSING RECORD

HOUSING RECORD-BASIC VARIABLES

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

SERIALNO  Character  13
Housing unit/GQ person serial number
2018GQ0000001..2022GQ9999999  .GQ Unique identifier
2018HU0000001..2022HU9999999  .HU Unique identifier

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

PUMA10  Character  5
Public use microdata area code (PUMA) based on 2010 Census definition
for data years 2012-2021 (areas with population of 100,000 or more, use
with ST for unique code)
00100..70301  .Public use microdata area codes
-0009  .Code classification is Not Applicable because data
       are outside of defined year range are outside of
       defined year range

PUMA20  Character  5
Public use microdata area code (PUMA) based on 2020 Census definition
for data years 2022 and later (areas with population of 100,000 or
more, use with ST for unique code)
00100..81003  .Public use microdata area codes
-0009  .Code classification is Not Applicable because data
       are outside of defined year range are outside of
       defined year range

REGION  Character  1
Region code
1  .Northeast
2  .Midwest
<table>
<thead>
<tr>
<th>ST</th>
<th>Character 2</th>
<th>State code</th>
</tr>
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<tbody>
<tr>
<td>01</td>
<td>Alabama/AL</td>
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<td>02</td>
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<tr>
<td>04</td>
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<td>05</td>
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<tr>
<td>06</td>
<td>California/CA</td>
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<td>08</td>
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<td>11</td>
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ADJHSG Character 7
Adjustment factor for housing dollar amounts (6 implied decimal places)
1169060 .2018 factor
1148217 .2019 factor
1133141 .2020 factor
1080912 .2021 factor
1000000 .2022 factor

ADJINC Character 7
Adjustment factor for income and earnings dollar amounts (6 implied decimal places)
1184371 .2018 factor (1.013097 * 1.16905988)
1159866 .2019 factor (1.010145 * 1.14821714)
1140108 .2020 factor (1.006149 * 1.13314076)
1113261 .2021 factor (1.029928 * 1.08091182)
1042311 .2022 factor (1.042311 * 1.00000000)

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

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

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

HOUSING RECORD-HOUSING UNIT VARIABLES

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

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

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

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

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

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

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

CONP  Numeric  4
Condo fee (monthly amount, use ADJHSG to adjust CONP to constant dollars)
  bbbbb . 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) recipiency
  b .N/A (vacant)
  1 .Yes
  2 .No

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

FULP Numeric 4
Fuel cost (yearly cost for fuels other than gas and electricity, use ADJHSG to adjust FULP to constant dollars)
  bbbb .N/A (GQ/vacant/included in rent or in condo fee/no charge or fuel other than gas or electricity not used)
  3..9999 .$3 to $9999 (Rounded and top-coded)

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

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

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

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

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

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

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

**SMP** Numeric 5
Total payment on all second and junior mortgages and home equity loans
(monthly amount, use ADJHSG to adjust SMP to constant dollars)
bbbbbb. N/A (GQ/vacant/not owned or being bought/ no second
.or junior mortgages or home equity loans)
0. No regular payment
1. .99999. $1 to $99999 (Rounded and top-coded)

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

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

**TEL** Character 1
Telephone service
b. N/A (GQ/vacant)
1. Yes
2. No
8. Suppressed for data year 2019 for selected PUMAs

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

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

**VALP**  Numeric  7
Property value
bbbbbbbb .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 .53 to $9999 (Rounded and top-coded)

**YRBLT**  Character  4
When structure first built
bbbb .N/A (GQ)
1939 .1939 or earlier
1940 .1940 to 1949
1950 .1950 to 1959
1960 .1960 to 1969
1970 .1970 to 1979
<table>
<thead>
<tr>
<th>Year</th>
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</tr>
<tr>
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<td>2022</td>
</tr>
</tbody>
</table>

**HOUSING RECORD—HOUSEHOLD VARIABLES**

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

**FINCP**  
Numeric 8  
Family income (past 12 months, use ADJINC to adjust FINCP to constant dollars)  
bbbbb .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  
bb .N/A (GQ/vacant/owned or being bought/occupied without rent payment/no household income)  
1..100 .1 percent to 100 percent  
101 .101 percent or more

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

**HHLANP**

**Character 4**

Detailed household language

bbb 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. Gujarati
1530. Sinhala
1540. Other Indo-Iranian languages
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**HHLDRAGEP** Numerical 2

<table>
<thead>
<tr>
<th>bb</th>
<th>N/A (GQ/vacant)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15..99</td>
<td>15 to 99 years</td>
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**HHLDRHISP** Character 2

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<td>Not Spanish/Hispanic/Latino</td>
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<tr>
<td>02</td>
<td>Mexican</td>
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<tr>
<td>03</td>
<td>Puerto Rican</td>
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<td>Dominican</td>
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<td>06</td>
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<td>07</td>
<td>Guatemalan</td>
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<td>10</td>
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<td>Spaniard</td>
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<tr>
<td>24</td>
<td>All Other Spanish/Hispanic/Latino</td>
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</tbody>
</table>

**HHLDRRAC1P** Character 1

Recoded detailed race code of the householder
b .N/A (GQ/vacant)
1 .White alone
2 .Black or African American alone
3 .American Indian alone
4 .Alaska Native alone
5 .American Indian and Alaska Native tribes specified; or
  .American Indian or Alaska Native, not specified and no other
  .races
6 .Asian alone
7 .Native Hawaiian and Other Pacific Islander alone
8 .Some Other Race alone
9 .Two or More Races

**HHT**

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

**HHT2**

**Character 2**  
Household/family type (includes cohabiting)
b .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. .999999999 .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)
bbbbb .N/A (GQ/vacant/not owned or being bought)
0 .None
1..99999 .$1 - $99999 (Components are rounded)

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

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

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
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) recipiency allocation flag
0 .No
1 .Yes

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

**FGASP**  
**Character 1**  
Gas 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

**FHLFL**  
**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

**FHWAT**  
**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)
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
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

**FRNTMP** 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
 0 .No
 1 .Yes

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

FSMXHP Character 1
Home equity loan status allocation flag
 0 .No
 1 .Yes

FSMXSP Character 1
Second mortgage status allocation flag
 0 .No
 1 .Yes

FSTOVP Character 1
Stove or range allocation flag
 0 .No
 1 .Yes

FTABLETP Character 1
Tablet or other portable wireless computer allocation flag
 0 .No
 1 .Yes

FTAXP Character 1
Property taxes (yearly amount) allocation flag
 0 .No
 1 .Yes

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

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

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

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

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

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

HOUSING RECORD-REPLICATE WEIGHTS

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

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

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

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

WGTP5  Numeric  5  
Housing Unit Weight replicate 5
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<th>Variable</th>
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<th>Description</th>
<th>Range</th>
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<td>Numeric</td>
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<td>-9999..9999</td>
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<td>Numeric</td>
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<td>Numeric</td>
<td>Housing Unit Weight replicate 15</td>
<td>-9999..9999</td>
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<td>Numeric</td>
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<td>-9999..9999</td>
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<td>Numeric</td>
<td>Housing Unit Weight replicate 18</td>
<td>-9999..9999</td>
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<td>WGTP19</td>
<td>Numeric</td>
<td>Housing Unit Weight replicate 19</td>
<td>-9999..9999</td>
</tr>
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WGTP20 Numeric 5 Housing Unit Weight replicate 20
-9999..9999 .Integer weight of housing unit

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

PERSON RECORD

PERSON RECORD–BASIC VARIABLES

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

SERIALNO Character 13
Housing unit/GQ person serial number
2018GQ0000001..2022GQ9999999 .GQ Unique identifier
2018HU0000001..2022HU9999999 .HU Unique identifier

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

SPORDER Numeric 2
Person number
01..20 .Person number
PUMA10  Character  5
Public use microdata area code (PUMA) based on 2010 Census definition for data years 2012-2021 (areas with population of 100,000 or more, use with ST for unique code)
00100..70301 .Public use microdata area codes
-0009 .Code classification is Not Applicable because data are outside of defined year range

PUMA20  Character  5
Public use microdata area code (PUMA) based on 2020 Census definition for data years 2022 and later (areas with population of 100,000 or more, use with ST for unique code)
00100..81003 .Public use microdata area codes
-0009 .Code classification is Not Applicable because data are outside of defined year range

REGION  Character  1
Region code
1 .Northeast
2 .Midwest
3 .South
4 .West
9 .Puerto Rico

ST  Character  2
State code
01 .Alabama/AL
02 .Alaska/AK
04 .Arizona/AZ
05 .Arkansas/AR
06 .California/CA
08 .Colorado/CO
09 .Connecticut/CT
10 .Delaware/DE
11 .District of Columbia/DC
12 .Florida/FL
13 .Georgia/GA
15 .Hawaii/HI
16 .Idaho/ID
17 .Illinois/IL
18 .Indiana/IN
19 .Iowa/IA
20 .Kansas/KS
21 .Kentucky/KY
22 .Louisiana/LA
23 .Maine/ME
24 .Maryland/MD
25 .Massachusetts/MA
26 .Michigan/MI
27 .Minnesota/MN
28 .Mississippi/MS
29 .Missouri/MO
30 .Montana/MT
31 .Nebraska/NE
32 .Nevada/NV
33 .New Hampshire/NH
34 .New Jersey/NJ
35 .New Mexico/NM
36 .New York/NY
37 .North Carolina/NC
38 .North Dakota/ND
39 .Ohio/Ohio
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
52 .Washington/WA
53 .West Virginia/WV
54 .Wisconsin/WI
55 .Wyoming/WY
72 .Puerto Rico/PR

ADJINC Character 7
Adjustment factor for income and earnings dollar amounts (6 implied decimal places)
1184371 .2018 factor (1.013097 * 1.16905988)
1159866 .2019 factor (1.010145 * 1.14821714)
1140108 .2020 factor (1.006149 * 1.13314076)
1113261 .2021 factor (1.029928 * 1.08091182)
1042311 .2022 factor (1.042311 * 1.00000000)

PWGTP Numeric 5
Person weight
1..9999 .Integer weight of person

PERSON RECORD-PERSON VARIABLES

AGEP Numeric 2
Age
0 .Under 1 year
1..99 .1 to 99 years (Top-coded)

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

CITWP Numeric 4
Year of naturalization write-in
bbbb .Not eligible – not naturalized
1947 .1947 or earlier (Bottom-coded)
1948 .1948 - 1949
1950 .1950 - 1951
1952 .1952
1953 .1953
1954 .1954
1955 .1955
1956 .1956
1957 .1957
1958 .1958
1959 .1959
1960 .1960
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1962 .1962
1963 .1963
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2015 2015
2016 2016
2017 2017
2018 2018
2019 2019
2020 2020
2021 2021
2022 2022

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

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

DEAR Character 1
Hearing difficulty
1 .Yes
2 .No

DEYE Character 1
Vision difficulty
1 .Yes
2 .No

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

**DPHY**  
**Character 1**

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

**DRAT**  
**Character 1**

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

**DRATX**  
**Character 1**

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

**DREM**  
**Character 1**

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

**ENG**  
**Character 1**

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

**FER**  
**Character 1**

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

**GCL**  
**Character 1**

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

**GCM**  
**Character 1**

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

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

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

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

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

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

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

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

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

INTP Numeric 6
Interest, dividends, and net rental income past 12 months (use ADJINC to adjust to constant dollars)
bbbbbb .N/A (less than 15 years old)
0 .None
-10000..-4 .Loss $4 to $10000 (Rounded and bottom-coded)
4..999999 $4 to $999999 (Rounded and top-coded)
JWMNP Numeric 3
Travel time to work
  bbb .N/A (not a worker or worker who worked from home)
  1..200 .1 to 200 minutes to get to work (Top-coded)

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

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

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

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

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

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

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

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

MARHYP Numeric 4
Year last married
bbbbb .N/A (age less than 15 years; never married)
1943 .1943 or earlier (Bottom-coded)
1944 .1944
1945 .1945
1946 .1946
1947 .1947
1948 .1948
1949 .1949
1950 .1950
1951 .1951
1952 .1952
1953 .1953
1954 .1954
1955 .1955
1956 .1956
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1961 .1961
1962 .1962
1963 .1963
1964 .1964
1965 .1965
1966 .1966
1967 .1967
1968 .1968
1969 .1969
1970 .1970
1971 .1971
1972 .1972
1973 .1973
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<th>Mobility status (lived here 1 year ago)</th>
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<td>.1</td>
<td>N/A (less than 1 year old)</td>
</tr>
<tr>
<td>1975</td>
<td>.1</td>
<td>Yes, same house (nonmovers)</td>
</tr>
<tr>
<td>1976</td>
<td>.1</td>
<td>No, outside US and Puerto Rico</td>
</tr>
<tr>
<td>1977</td>
<td>.1</td>
<td>No, different house in US or Puerto Rico</td>
</tr>
</tbody>
</table>
MIL

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

MLPA

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

MLPB

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

MLPCD

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

MLPE

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

MLPFG

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

MLPH

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

MLPIK

**Character 1**
Peacetime service before July 1950
- b . N/A (Less than 17 years old/no active duty)
- 0 . Did not serve this period
- 1 . Served this period

MLPJ

**Character 1**
Served World War II (December 1941 – December 1946)
- b . N/A (Less than 17 years old/no active duty)
- 0 . Did not serve this period
- 1 . Served this period
NWAB  Character  1
Temporary absence from work (Unedited-See 'Employment Status Recode' (ESR))
   b .N/A (less than 16 years old/at work/on layoff)
      1 .Yes
      2 .No
      3 .Did not report

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

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

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

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

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

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

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)

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

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

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

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

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

SEX  Character  1
Sex
1 . Male
2 . Female

SSIP  Numeric  5
Supplementary Security Income past 12 months (use ADJINC to adjust SSIP to constant dollars)
 bb b b b b . 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)
 bb b b b b . N/A (less than 15 years old)
 0 . None
 4 .. 55000 . $4 to $55000 (Rounded)

WAGP  Numeric  6
Wages or salary income past 12 months (use ADJINC to adjust WAGP to constant dollars)
 bb b b b b b . N/A (less than 15 years old)
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 months
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)
b .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
bhhh .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
1948 .1948
1949 .1949
1950 .1950
1951 .1951
1952 .1952
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
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Barbadian
Belizean
Jamaican
Dutch West Indian
Trinidadian Tobagonian
British West Indian
Antigua and Barbuda
Grenadian
Vincent-Grenadine Islander
St Lucia Islander
West Indian
Haitian
Other West Indian
Brazilian
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Algerian
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Congolese
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825 .Marshallene
841 .Fijian
850 .Pacific Islander
899 .Other Pacific
900 .Afro American
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902 .African American
903 .Black
904 .Negro
907 .Creole
913 .Central American Indian
914 .South American Indian
917 .Native American
918 .Indian
919 .Cherokee
920 .American Indian
922 .Eskimo
924 .White
925 .Anglo
927 .Appalachian
929 .Pennsylvania German
931 .Canadian
935 .French Canadian
937 .Cajun
939 .American
940 .United States
983 .Texas
994 .North American
995 .Mixture
996 .Uncodable entries
998 .Other groups
999 .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
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078 .Maltese
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Spanish American
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Armenian
Turkish
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Samoan
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Pacific Islander
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Black
Negro
Creole
Central American Indian
South American Indian
Native American
Indian
Cherokee
American Indian
Eskimo
White
Anglo
Appalachian
Pennsylvania German
Canadian
French Canadian
Cajun
American
United States
Texas
North American
Mixture
Uncodable entries
Other groups
Other responses
Not reported

**DECADE Character 1**

Decade of entry
- N/A (Born in the US)
- Before 1950
- 1950 - 1959
- 1960 - 1969
- 1970 - 1979
- 1980 - 1989
- 1990 - 1999
- 2000 - 2009
- 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
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<td>2412</td>
<td>Industrial And Manufacturing Engineering</td>
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<tr>
<td>2413</td>
<td>Materials Engineering And Materials Science</td>
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<td>2601</td>
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<tr>
<td>2602</td>
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<tr>
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<td>Family And Consumer Sciences</td>
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<tr>
<td>3202</td>
<td>Pre-Law And Legal Studies</td>
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English Language And Literature
Composition And Rhetoric
Liberal Arts
Humanities
Library Science
Biology
Biochemical Sciences
Botany
Molecular Biology
Ecology
Genetics
Microbiology
Pharmacology
Physiology
Zoology
Neuroscience
Miscellaneous Biology
Mathematics
Applied Mathematics
Statistics And Decision Science
Military Technologies
Multi/Interdisciplinary Studies
Intercultural And International Studies
Nutrition Sciences
Mathematics And Computer Science
Cognitive Science And Biopsychology
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Atmospheric Sciences And Meteorology
Chemistry
Geology And Earth Science
Geosciences
Oceanography
Physics
Materials Science
Multi-Disciplinary Or General Science
Nuclear, Industrial Radiology, And Biological Technologies
Psychology
Educational Psychology
Clinical Psychology
Counseling Psychology
Industrial And Organizational Psychology
Social Psychology
Miscellaneous Psychology
Criminal Justice And Fire Protection
Public Administration
Public Policy
Human Services And Community Organization
Social Work
General Social Sciences
Economics
Anthropology And Archeology
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

59
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<thead>
<tr>
<th>Code</th>
<th>Department</th>
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<tr>
<td>1302</td>
<td>Forestry</td>
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<tr>
<td>1303</td>
<td>Natural Resources Management</td>
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<tr>
<td>1401</td>
<td>Architecture</td>
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<tr>
<td>1501</td>
<td>Area Ethnic And Civilization Studies</td>
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<tr>
<td>1901</td>
<td>Communications</td>
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<tr>
<td>1902</td>
<td>Journalism</td>
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<tr>
<td>1903</td>
<td>Mass Media</td>
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<td>1904</td>
<td>Advertising And Public Relations</td>
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<td>2001</td>
<td>Communication Technologies</td>
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<tr>
<td>2100</td>
<td>Computer And Information Systems</td>
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<td>2102</td>
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<tr>
<td>2106</td>
<td>Computer Administration Management And Security</td>
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<tr>
<td>2107</td>
<td>Computer Networking And Telecommunications</td>
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<td>2201</td>
<td>Cosmetology Services And Culinary Arts</td>
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<td>2300</td>
<td>General Education</td>
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<td>2301</td>
<td>Educational Administration And Supervision</td>
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<td>School Student Counseling</td>
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<td>Mathematics Teacher Education</td>
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<td>Physical And Health Education Teaching</td>
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<td>2307</td>
<td>Early Childhood Education</td>
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<td>2308</td>
<td>Science And Computer Teacher Education</td>
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<td>2309</td>
<td>Secondary Teacher Education</td>
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<td>2310</td>
<td>Special Needs Education</td>
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<td>Social Science Or History Teacher Education</td>
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<td>Art And Music Education</td>
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<td>Engineering Mechanics Physics And Science</td>
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5007 .Physics
5008 .Materials Science
5098 .Multi-Disciplinary Or General Science
5102 .Nuclear, Industrial Radiology, And Biological Technologies
5200 .Psychology
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5203 .Counseling Psychology
5205 .Industrial And Organizational Psychology
5206 .Social Psychology
5299 .Miscellaneous Psychology
5301 .Criminal Justice And Fire Protection
5401 .Public Administration
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 .Ecuadorean
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
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
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<th>Time of Arrival at Work - Hour and Minute</th>
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<tbody>
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<tr>
<td>001 12:00 a.m. to 12:04 a.m.</td>
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<tr>
<td>002 12:05 a.m. to 12:09 a.m.</td>
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<tr>
<td>003 12:10 a.m. to 12:14 a.m.</td>
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<td>004 12:15 a.m. to 12:19 a.m.</td>
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<td>007 12:30 a.m. to 12:39 a.m.</td>
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<td>008 12:40 a.m. to 12:44 a.m.</td>
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<td>009 12:45 a.m. to 12:49 a.m.</td>
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<td>010 12:50 a.m. to 12:59 a.m.</td>
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105 8:55 a.m. to 8:59 a.m.
106 9:00 a.m. to 9:04 a.m.
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283. 11:45 p.m. to 11:49 p.m.
284. 11:50 p.m. to 11:54 p.m.
285. 11:55 p.m. to 11:59 p.m.

**JWDP Character 3**

Time of departure for work - hour and minute

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

001. 12:00 a.m. to 12:29 a.m.
002. 12:30 a.m. to 12:59 a.m.
003. 1:00 a.m. to 1:29 a.m.
004. 1:30 a.m. to 1:59 a.m.
005. 2:00 a.m. to 2:29 a.m.
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Character 4

LANP - Language other than English spoken at home

- N/A (GQ/vacant)
- Jamaican Creole English
- Other English-based Creole languages
- Haitian
- Kabuverdianu
- German
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<td>6230</td>
<td>Gbe languages</td>
</tr>
<tr>
<td>6290</td>
<td>Yoruba</td>
</tr>
<tr>
<td>6300</td>
<td>Edoid languages</td>
</tr>
<tr>
<td>6370</td>
<td>Igbo</td>
</tr>
<tr>
<td>6500</td>
<td>Other Niger-Congo languages</td>
</tr>
<tr>
<td>6795</td>
<td>Other languages of Africa</td>
</tr>
<tr>
<td>6800</td>
<td>Aleut languages</td>
</tr>
<tr>
<td>6839</td>
<td>Ojibwa</td>
</tr>
</tbody>
</table>

78
6930 .Apache languages
6933 .Navajo
7019 .Dakota languages
7032 .Muskogean languages
7050 .Cherokee
7060 .Uto-Aztecan languages
7124 .Other Native North American languages
7300 .Other Central and South American languages
9999 .Other and unspecified languages

MIGPUMA10 Character 5
Migration PUMA based on 2010 Census definition for data years 2012-2021

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00001</td>
<td>Did not live in the United States or in Puerto Rico one year ago</td>
</tr>
<tr>
<td>00002</td>
<td>Lived in Puerto Rico one year ago and current residence is in the U.S.</td>
</tr>
<tr>
<td>000100..70100</td>
<td>Assigned Migration PUMA. Use with MIGSP.</td>
</tr>
<tr>
<td>-0009</td>
<td>Code classification is Not Applicable because data are outside of defined year range</td>
</tr>
</tbody>
</table>

MIGPUMA20 Character 5
Migration PUMA based on 2020 Census definition for data years 2022 and later

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00001</td>
<td>Did not live in the United States or in Puerto Rico one year ago</td>
</tr>
<tr>
<td>00002</td>
<td>Lived in Puerto Rico one year ago and current residence is in the U.S.</td>
</tr>
<tr>
<td>000100..81000</td>
<td>Assigned Migration PUMA. Use with MIGSP.</td>
</tr>
<tr>
<td>-0009</td>
<td>Code classification is Not Applicable because data are outside of defined year range</td>
</tr>
</tbody>
</table>

MIGSP Character 3
Migration recode - State or foreign country code

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>Alabama/AL</td>
</tr>
<tr>
<td>002</td>
<td>Alaska/AK</td>
</tr>
<tr>
<td>004</td>
<td>Arizona/AZ</td>
</tr>
<tr>
<td>005</td>
<td>Arkansas/AR</td>
</tr>
<tr>
<td>006</td>
<td>California/CA</td>
</tr>
<tr>
<td>008</td>
<td>Colorado/CO</td>
</tr>
<tr>
<td>009</td>
<td>Connecticut/CT</td>
</tr>
<tr>
<td>010</td>
<td>Delaware/DE</td>
</tr>
<tr>
<td>011</td>
<td>District of Columbia/DC</td>
</tr>
<tr>
<td>012</td>
<td>Florida/FL</td>
</tr>
<tr>
<td>013</td>
<td>Georgia/GA</td>
</tr>
<tr>
<td>015</td>
<td>Hawaii/HI</td>
</tr>
<tr>
<td>016</td>
<td>Idaho/ID</td>
</tr>
<tr>
<td>017</td>
<td>Illinois/IL</td>
</tr>
<tr>
<td>018</td>
<td>Indiana/IN</td>
</tr>
<tr>
<td>019</td>
<td>Iowa/IA</td>
</tr>
<tr>
<td>020</td>
<td>Kansas/KS</td>
</tr>
<tr>
<td>021</td>
<td>Kentucky/KY</td>
</tr>
</tbody>
</table>
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/OK
040  Oklahoma/OK
041  Oregon/OR
042  Pennsylvania/PA
044  Rhode Island/RI
045  South Carolina/SC
046  South Dakota/SD
047  Tennessee/TN
048  Texas/TX
049  Utah/UT
050  Vermont/VT
051  Virginia/VA
053  Washington/WA
054  West Virginia/WV
055  Wisconsin/WI
056  Wyoming/WY
072  Puerto Rico
109  France
110  Germany
111  Northern Europe, Not Specified
113  Eastern Europe, Not Specified
114  Western Europe or Other Europe, Not Specified
120  Italy
134  Spain
138  United Kingdom, Excluding England
139  England
163  Russia
164  Ukraine
200  Afghanistan
207  China, Hong Kong, Macau and Paracel Islands
210  India
213  Iraq
214  Israel
215  Japan
217  Korea
229  Nepal
231  Pakistan
233  Philippines
235  Saudi Arabia
240  Taiwan
242. Thailand
243. Turkey
245. United Arab Emirates
247. Vietnam
251. Eastern Asia, Not Specified
252. Western Asia, Not Specified
253. South Central Asia or Asia, Not Specified
301. Canada
303. Mexico
312. El Salvador
313. Guatemala
314. Honduras
317. Central America, Not Specified
327. Cuba
329. Dominican Republic
332. Haiti
333. Jamaica
344. Caribbean and North America, Not Specified
362. Brazil
364. Colombia
365. Ecuador
370. Peru
373. Venezuela
374. South America, Not Specified
414. Egypt
416. Ethiopia
427. Kenya
440. Nigeria
467. Western Africa, Not Specified
468. Northern Africa or Other Africa, Not Specified
469. Eastern Africa, Not Specified
501. Australia
555. Other US Island Areas, Oceania, Not Specified, or At Sea

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

NAICSP  Character  8
  North American Industry Classification System (NAICS) recode for 2018 and later based on 2017 NAICS codes
     bbbbbbbb. N/A (less than 16 years old/NILF who last worked more than 5 years ago or never worked)
     11. AGR-Crop Production
     12. AGR-Animal Production And Aquaculture
     133. AGR-Logging
     13M. AGR-Forestry Except Logging
     14. AGR-Fishing, Hunting And Trapping
     15. AGR-Support Activities For Agriculture And Forestry
     211. EXT-Oil And Gas Extraction
     2121. EXT-Coal Mining
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
     bbbbb .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
     0030 .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-Social And Community Service 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
.Techicians
1555 .ENG-Other Engineering Technologists And Technicians, Except
.Drafters
1560 .ENG-Surveying And Mapping Technicians
1600 .SCI-Agricultural And Food Scientists
1610 .SCI-Biological Scientists
1640 .SCI-Conservation Scientists And Foresters
1650 .SCI-Other Life Scientists
1700 .SCI-Astronomers And Physicists
1710 .SCI-Atmospheric And Space Scientists
1720 .SCI-Chemists And Materials Scientists
1745 .SCI-Environmental Scientists And Specialists, Including Health
1750 .SCI-Geoscientists And Hydrologists, Except Geographers
1760 .SCI-Physical Scientists, All Other
1800 .SCI-Economists
1821 .SCI-Clinical And Counseling Psychologists
1822 .SCI-School Psychologists
1825 .SCI-Other Psychologists
1840 .SCI-Urban And Regional Planners
1860 .SCI-Other Social Scientists
1900 .SCI-Agricultural And Food Science Technicians
1910 .SCI-Biological Technicians
1920 .SCI-Chemical Technicians
1935 .SCI-Environmental Science And Geoscience Technicians, And Nuclear Technicians
1970 .SCI-Other Life, Physical, And Social Science Technicians
1980 .SCI-Occupational Health And Safety Specialists and Technicians
2001 .CMS-Substance Abuse And Behavioral Disorder Counselors
2002 .CMS-Educational, Guidance, And Career Counselors And Advisors
2003 .CMS-Marriage And Family Therapists
2004 .CMS-Mental Health Counselors
2005 .CMS-Rehabilitation Counselors
2006 .CMS-Counselors, All Other
2011 .CMS-Child, Family, And School Social Workers
2012 .CMS-Healthcare Social Workers
2013 .CMS-Mental Health And Substance Abuse Social Workers
2014 .CMS-Social Workers, All Other
2015 .CMS-Probation Officers And Correctional Treatment Specialists
2016 .CMS-Social And Human Service Assistants
2025 .CMS-Other Community and Social Service Specialists
2040 .CMS-Clergy
2050 .CMS-Directors, Religious Activities And Education
2060 .CMS-Religious Workers, All Other
2100 .LGL-Lawyers, And Judges, Magistrates, And Other Judicial Workers
2105 .LGL-Judicial Law Clerks
2145 .LGL-Paralegals And Legal Assistants
2170 .LGL-Title Examiners, Abstractors, and Searchers
2180 .LGL-Legal Support Workers, All Other
2205 .EDU-Postsecondary Teachers
2300 .EDU-Preschool And Kindergarten Teachers
2310 .EDU-Elementary And Middle School Teachers
2320 .EDU-Secondary School Teachers
2330 .EDU-Special Education Teachers
2350 .EDU-Tutors
2360 .EDU-Other Teachers and Instructors
2400 .EDU-Archivists, Curators, And Museum Technicians
2435 .EDU-Librarians And Media Collections Specialists
2440 .EDU-Library Technicians
2545 .EDU-Teaching Assistants
2555 .EDU-Other Educational Instruction And Library Workers
2600 .ENT-Artists And Related Workers
2631 .ENT-Commercial And Industrial Designers
2632 .ENT-Fashion Designers
2633 .ENT-Floral Designers
2634 .ENT-Graphic Designers
2635 .ENT-Interior Designers
2636 .ENT-Merchandise Displayers And Window Trimmers
2640 .ENT-Other Designers
2700 .ENT-Actors
2710 .ENT-Producers And Directors
2721 .ENT-Athletes and Sports Competitors
2722 .ENT-Coaches and Scouts
2723 .ENT-Umpires, Referees, And Other Sports Officials
2740 .ENT-Dancers And Choreographers
2751 .ENT-Music Directors and Composers
2752 .ENT-Musicians and Singers
2755 .ENT-Disc Jockeys, Except Radio
2770 .ENT-Entertainers And Performers, Sports and Related Workers, All Other
2805 .ENT-Broadcast Announcers And Radio Disc Jockeys
2810 .ENT-News Analysts, Reporters, And Journalists
2825 .ENT-Public Relations Specialists
2830 .ENT-Editors
2840 .ENT-Technical Writers
2850 .ENT-Writers And Authors
2861 .ENT-Interpreters and Translators
2862 .ENT-Court Reporters and Simultaneous Captioners
2865 .ENT-Media And Communication Workers, All Other
2905 .ENT-Other Media And Communication Equipment Workers
2910 .ENT-Photographers
2920 .ENT-Television, Video, And Film Camera Operators And Editors
3000 .MED-Chiropractors
3010 .MED-Dentists
3030 .MED-Dietitians And Nutritionists
3040 .MED-Optometrists
3050 .MED-Pharmacists
3090 .MED-Physicians
3100 .MED-Surgeons
3110 .MED-Physician Assistants
3120 .MED-Podiatrists
3140 .MED-Audiologists
3150 .MED-Occupational Therapists
3160 .MED-Physical Therapists
3200 .MED-Radiation Therapists
3210 .MED-Recreational Therapists
3220 .MED-Respiratory Therapists
3230 .MED-Speech-Language Pathologists
3245 .MED-Other Therapists
3250 .MED-Veterinarians
3255 .MED-Registered Nurses
3256 .MED-Nurse Anesthetists
3258 .MED-Nurse Practitioners, And Nurse Midwives
3261 .MED-Acupuncturists

91
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-Phlebotomists
3648 .HLS-Veterinary Assistants And Laboratory Animal Caretakers
3649 .HLS-Veterinary Support Workers
3655 .HLS-Other Health 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 Jailer
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
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4010</td>
<td>First-Line Supervisors Of Food Preparation And Serving Workers</td>
</tr>
<tr>
<td>4020</td>
<td>Cooks</td>
</tr>
<tr>
<td>4030</td>
<td>Food Preparation Workers</td>
</tr>
<tr>
<td>4040</td>
<td>Bartenders</td>
</tr>
<tr>
<td>4055</td>
<td>Fast Food And Counter Workers</td>
</tr>
<tr>
<td>4110</td>
<td>Waiters And Waitresses</td>
</tr>
<tr>
<td>4120</td>
<td>Food Servers, Nonrestaurant</td>
</tr>
<tr>
<td>4130</td>
<td>Dining Room And Cafeteria Attendants And Bartender Helpers</td>
</tr>
<tr>
<td>4140</td>
<td>Dishwashers</td>
</tr>
<tr>
<td>4150</td>
<td>Hosts And Hostesses, Restaurant, Lounge, And Coffee Shop</td>
</tr>
<tr>
<td>4160</td>
<td>Food Preparation and Serving Related Workers, All Other</td>
</tr>
<tr>
<td>4200</td>
<td>First-Line Supervisors Of Housekeeping And Janitorial Workers</td>
</tr>
<tr>
<td>4210</td>
<td>First-Line Supervisors Of Landscaping, Lawn Service, And Groundskeeping Workers</td>
</tr>
<tr>
<td>4220</td>
<td>Janitors And Building Cleaners</td>
</tr>
<tr>
<td>4230</td>
<td>Maids And Housekeeping Cleaners</td>
</tr>
<tr>
<td>4240</td>
<td>Pest Control Workers</td>
</tr>
<tr>
<td>4251</td>
<td>Landscaping And Groundskeeping Workers</td>
</tr>
<tr>
<td>4252</td>
<td>Tree Trimmers and Pruners</td>
</tr>
<tr>
<td>4255</td>
<td>Other Grounds Maintenance Workers</td>
</tr>
<tr>
<td>4330</td>
<td>Supervisors Of Personal Care And Service Workers</td>
</tr>
<tr>
<td>4340</td>
<td>Animal Trainers</td>
</tr>
<tr>
<td>4350</td>
<td>Animal Caretakers</td>
</tr>
<tr>
<td>4400</td>
<td>Gambling Services Workers</td>
</tr>
<tr>
<td>4420</td>
<td>Ushers, Lobby Attendants, And Ticket Takers</td>
</tr>
<tr>
<td>4435</td>
<td>Other Entertainment Attendants And Related Workers</td>
</tr>
<tr>
<td>4461</td>
<td>Embalmers, Crematory Operators And Funeral Attendants</td>
</tr>
<tr>
<td>4465</td>
<td>Morticians, Undertakers, And Funeral Arrangers</td>
</tr>
<tr>
<td>4500</td>
<td>Barbers</td>
</tr>
<tr>
<td>4510</td>
<td>Hairdressers, Hairstylists, And Cosmetologists</td>
</tr>
<tr>
<td>4521</td>
<td>Manicurists And Pedicurists</td>
</tr>
<tr>
<td>4522</td>
<td>Skincare Specialists</td>
</tr>
<tr>
<td>4525</td>
<td>Other Personal Appearance Workers</td>
</tr>
<tr>
<td>4530</td>
<td>Baggage Porters, Bellhops, And Concierges</td>
</tr>
<tr>
<td>4540</td>
<td>Tour And Travel Guides</td>
</tr>
<tr>
<td>4600</td>
<td>Childcare Workers</td>
</tr>
<tr>
<td>4621</td>
<td>Exercise Trainers And Group Fitness Instructors</td>
</tr>
<tr>
<td>4622</td>
<td>Recreation Workers</td>
</tr>
<tr>
<td>4640</td>
<td>Residential Advisors</td>
</tr>
<tr>
<td>4655</td>
<td>Personal Care and Service Workers, All Other</td>
</tr>
<tr>
<td>4700</td>
<td>First-Line Supervisors Of Retail Sales Workers</td>
</tr>
<tr>
<td>4710</td>
<td>First-Line Supervisors Of Non-Retail Sales Workers</td>
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<tr>
<td>4720</td>
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<td>4740</td>
<td>Counter And Rental Clerks</td>
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<td>4750</td>
<td>Parts Salespersons</td>
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<td>Retail Salespersons</td>
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<tr>
<td>4800</td>
<td>Advertising Sales Agents</td>
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<tr>
<td>4810</td>
<td>Insurance Sales Agents</td>
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<tr>
<td>4820</td>
<td>Securities, Commodities, And Financial Services Sales Agents</td>
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<tr>
<td>4830</td>
<td>Travel Agents</td>
</tr>
<tr>
<td>4840</td>
<td>Sales Representatives Of Services, Except Advertising, Insurance, Financial Services, And Travel</td>
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</tbody>
</table>
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
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-Automatic Glass Installers And Repairers
7200 .RPR-Other Electrical And Electronic Equipment Mechanics, Installers, And Repairers
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 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
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
7840 .PRD-Processors And Allied Food Products Workers
7850 .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
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>97</td>
<td>.PRD-Cutting, Punching, And Press Machine Setters, Operators, And Tenders, Metal And Plastic</td>
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<tr>
<td>8000</td>
<td>.PRD-Grinding, Lapping, Polishing, And Buffing Machine Tool Setters, Operators, And Tenders, Metal And Plastic</td>
</tr>
<tr>
<td>8025</td>
<td>.PRD-Other Machine Tool Setters, Operators, And Tenders, Metal and Plastic</td>
</tr>
<tr>
<td>8030</td>
<td>.PRD-Machinists</td>
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<tr>
<td>8040</td>
<td>.PRD-Metal Furnace Operators, Tenders, Pourers, And Casters</td>
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<tr>
<td>8100</td>
<td>.PRD-Model Makers, Patternmakers, And Molding Machine Setters, Metal And Plastic</td>
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<tr>
<td>8130</td>
<td>.PRD-Tool And Die Makers</td>
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<tr>
<td>8140</td>
<td>.PRD-Welding, Soldering, And Brazing Workers</td>
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<tr>
<td>8225</td>
<td>.PRD-Other Metal Workers And Plastic Workers</td>
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<tr>
<td>8250</td>
<td>.PRD-Prepress Technicians And Workers</td>
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<tr>
<td>8255</td>
<td>.PRD-Printing Press Operators</td>
</tr>
<tr>
<td>8256</td>
<td>.PRD-Print Binding And Finishing Workers</td>
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<tr>
<td>8300</td>
<td>.PRD-Laundry And Dry-Cleaning Workers</td>
</tr>
<tr>
<td>8310</td>
<td>.PRD-Pressers, Textile, Garment, And Related Materials</td>
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<tr>
<td>8320</td>
<td>.PRD-Sewing Machine Operators</td>
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<tr>
<td>8335</td>
<td>.PRD-Shoe And Leather Workers</td>
</tr>
<tr>
<td>8350</td>
<td>.PRD-Tailors, Dressmakers, And Sewers</td>
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<td>8365</td>
<td>.PRD-Textile Machine Setters, Operators, And Tenders</td>
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<tr>
<td>8450</td>
<td>.PRD-Upholsterers</td>
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<tr>
<td>8465</td>
<td>.PRD-Other Textile, Apparel, And Furnishings Workers</td>
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<tr>
<td>8500</td>
<td>.PRD-Cabinetmakers And Bench Carpenters</td>
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<td>8510</td>
<td>.PRD-Furniture Finishers</td>
</tr>
<tr>
<td>8530</td>
<td>.PRD-Sawing Machine Setters, Operators, And Tenders, Wood</td>
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<tr>
<td>8540</td>
<td>.PRD-Woodworking Machine Setters, Operators, And Tenders, Except Sawing</td>
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<tr>
<td>8555</td>
<td>.PRD-Other Woodworkers</td>
</tr>
<tr>
<td>8600</td>
<td>.PRD-Power Plant Operators, Distributors, And Dispatchers</td>
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<tr>
<td>8610</td>
<td>.PRD-Stationary Engineers And Boiler Operators</td>
</tr>
<tr>
<td>8620</td>
<td>.PRD-Water And Wastewater Treatment Plant And System Operators</td>
</tr>
<tr>
<td>8630</td>
<td>.PRD-Miscellaneous Plant And System Operators</td>
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<tr>
<td>8640</td>
<td>.PRD-Chemical Processing Machine Setters, Operators, And Tenders</td>
</tr>
<tr>
<td>8650</td>
<td>.PRD-Crushing, Grinding, Polishing, Mixing, And Blending Workers</td>
</tr>
<tr>
<td>8710</td>
<td>.PRD-Cutting Workers</td>
</tr>
<tr>
<td>8720</td>
<td>.PRD-Extruding, Forming, Pressing, And Compacting Machine Setters, Operators, And Tenders</td>
</tr>
<tr>
<td>8730</td>
<td>.PRD-Furnace, Kiln, Oven, Drier, And Kettle Operators And Tenders</td>
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<tr>
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<td>.PRD-Inspectors, Testers, Sorters, Samplers, And Weighers</td>
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<td>8750</td>
<td>.PRD-Jewelers And Precious Stone And Metal Workers</td>
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<tr>
<td>8760</td>
<td>.PRD-Dental And Ophthalmic Laboratory Technicians And Medical Appliance Technicians</td>
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<tr>
<td>8800</td>
<td>.PRD-Packaging And Filling Machine Operators And Tenders</td>
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<td>.PRD-Photographic Process Workers And Processing Machine Operators</td>
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<td>8850</td>
<td>.PRD-Adhesive Bonding Machine Operators And Tenders</td>
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<td>.PRD-Etchers And Engravers</td>
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<td>8920</td>
<td>.PRD-Molders, Shapers, And Casters, Except Metal And Plastic</td>
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<tr>
<td>8930</td>
<td>.PRD-Paper Goods Machine Setters, Operators, And Tenders</td>
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<td>.PRD-Tire Builders</td>
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<td>Code</td>
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<td>-------</td>
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<tr>
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<td>.PRD-Helpers--Production Workers</td>
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<td>8990</td>
<td>.PRD-Miscellaneous Production Workers, Including Equipment Operators And Tenders</td>
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<td>.TRN-Supervisors Of Transportation And Material Moving Workers</td>
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<tr>
<td>9030</td>
<td>.TRN-Aircraft Pilots And Flight Engineers</td>
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<tr>
<td>9040</td>
<td>.TRN-Air Traffic Controllers And Airfield Operations Specialists</td>
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<tr>
<td>9050</td>
<td>.TRN-Flight Attendants</td>
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<tr>
<td>9110</td>
<td>.TRN-Ambulance Drivers And Attendants, Except Emergency Medical Technicians</td>
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<tr>
<td>9121</td>
<td>.TRN-Bus Drivers, School</td>
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<tr>
<td>9122</td>
<td>.TRN-Bus Drivers, Transit And Intercity</td>
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<tr>
<td>9130</td>
<td>.TRN-Driver/Sales Workers And Truck Drivers</td>
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<tr>
<td>9141</td>
<td>.TRN-Shuttle Drivers And Chauffeurs</td>
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<tr>
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<td>.TRN-Taxi Drivers</td>
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<td>9150</td>
<td>.TRN-Motor Vehicle Operators, All Other</td>
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<td>9210</td>
<td>.TRN-Locomotive Engineers And Operators</td>
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<td>9240</td>
<td>.TRN-Railroad Conductors And Yardmasters</td>
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<td>9265</td>
<td>.TRN-Other Rail Transportation Workers</td>
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<td>9300</td>
<td>.TRN-Sailors And Marine Oilers, And Ship Engineers</td>
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<td>.TRN-Ship And Boat Captains And Operators</td>
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<td>.TRN-Parking Attendants</td>
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<td>.TRN-Transportation Service Attendants</td>
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<td>.TRN-Conveyor, Dredge, And Hoist And Winch Operators</td>
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<td>.TRN-Industrial Truck And Tractor Operators</td>
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<td>.TRN-Cleaners Of Vehicles And Equipment</td>
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<td>.TRN-Laborers And Freight, Stock, And Material Movers, Hand</td>
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<td>.TRN-Machine Feeders And Offbearers</td>
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<td>.TRN-Packers And Packers, Hand</td>
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<td>.TRN-Stockers And Order Fillers</td>
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<td>.TRN-Pumping Station Operators</td>
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<td>.TRN-Refuse And Recyclable Material Collectors</td>
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<td>9760</td>
<td>.TRN-Other Material Moving Workers</td>
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<tr>
<td>9800</td>
<td>.MIL-Military Officer Special And Tactical Operations Leaders</td>
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<tr>
<td>9810</td>
<td>.MIL-First-Line Enlisted Military Supervisors</td>
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<td>9825</td>
<td>.MIL-Military Enlisted Tactical Operations And Air/Weapons Specialists And Crew Members</td>
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<td>.MIL-Military, Rank Not Specified</td>
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<tr>
<td>9920</td>
<td>.Unemployed, With No Work Experience In The Last 5 Years Or Earlier Or Never Worked</td>
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</table>

**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)
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<td>Total person's income (use ADJINC to adjust to constant dollars)</td>
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<tr>
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<td>.N/A (less than 15 years old)</td>
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<td>.No earnings</td>
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<td>.Loss of $10000 or more (Rounded and bottom-coded components)</td>
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<td>.Loss $1 to $9999 (Rounded components)</td>
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<td>1..1999998</td>
<td>.$1 to $1999998 (Rounded and top-coded components)</td>
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<th>Character 3</th>
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<td>.Arkansas/AR</td>
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<td>006</td>
<td>.California/CA</td>
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<td>.Colorado/CO</td>
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<td>.Connecticut/CT</td>
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<td>010</td>
<td>.Delaware/DE</td>
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<td>011</td>
<td>.District of Columbia/DC</td>
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<td>.Idaho/ID</td>
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<td>033</td>
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<td>.New Mexico/NM</td>
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<td>037</td>
<td>.North Carolina/NC</td>
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<td>038</td>
<td>.North Dakota/ND</td>
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<td>039</td>
<td>.Ohio/OH</td>
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<tr>
<td>040</td>
<td>.Oklahoma/OK</td>
</tr>
</tbody>
</table>
041 .Oregon/OR
042 .Pennsylvania/PA
044 .Rhode Island/RI
045 .South Carolina/SC
046 .South Dakota/SD
047 .Tennessee/TN
048 .Texas/TX
049 .Utah/UT
050 .Vermont/VT
051 .Virginia/VA
053 .Washington/WA
054 .West Virginia/WV
055 .Wisconsin/WI
056 .Wyoming/WY
060 .American Samoa
066 .Guam
069 .Commonwealth of the Northern Mariana Islands
072 .Puerto Rico
078 .US Virgin Islands
100 .Albania
102 .Austria
103 .Belgium
104 .Bulgaria
105 .Czechoslovakia
106 .Denmark
108 .Finland
109 .France
110 .Germany
116 .Greece
117 .Hungary
118 .Iceland
119 .Ireland
120 .Italy
126 .Netherlands
127 .Norway
128 .Poland
129 .Portugal
130 .Azores Islands
132 .Romania
134 .Spain
136 .Sweden
137 .Switzerland
138 .United Kingdom, Not Specified
139 .England
140 .Scotland
142 .Northern Ireland
147 .Yugoslavia
148 .Czech Republic
149 .Slovakia
150 .Bosnia and Herzegovina
151 .Croatia
152 .Macedonia
154 .Serbia
156 .Latvia
157 .Lithuania
158 .Armenia
159 .Azerbaijan
314 .Honduras
315 .Nicaragua
316 .Panama
321 .Antigua and Barbuda
323 .Bahamas
324 .Barbados
327 .Cuba
328 .Dominica
329 .Dominican Republic
330 .Grenada
332 .Haiti
333 .Jamaica
338 .St. Kitts-Nevis
339 .St. Lucia
340 .St. Vincent and the Grenadines
341 .Trinidad and Tobago
343 .West Indies
344 .Caribbean, Not Specified
360 .Argentina
361 .Bolivia
362 .Brazil
363 .Chile
364 .Colombia
365 .Ecuador
368 .Guyana
369 .Paraguay
370 .Peru
372 .Uruguay
373 .Venezuela
374 .South America
399 .Americas, Not Specified
400 .Algeria
407 .Cameroon
408 .Cabo Verde
412 .Congo
414 .Egypt
416 .Ethiopia
417 .Eritrea
420 .Gambia
421 .Ghana
423 .Guinea
425 .Ivory Coast
427 .Kenya
429 .Liberia
430 .Libya
436 .Morocco
440 .Nigeria
442 .Rwanda
444 .Senegal
447 .Sierra Leone
448 .Somalia
449 .South Africa
451 .Sudan
453 .Tanzania
454 .Togo
457 .Uganda
459 .Democratic Republic of Congo (Zaire)
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>00001</td>
<td>Did not work in the United States or in Puerto Rico</td>
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<td>00100..81000</td>
<td>Assigned Place of work PUMA. Use with POWSP.</td>
</tr>
<tr>
<td>-0009</td>
<td>Code classification is Not Applicable because data are outside of defined year range</td>
</tr>
</tbody>
</table>

**POWPUMA20**  
Place of work PUMA based on 2020 Census definitions for data years 2022 and later

<table>
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<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>00001</td>
<td>Did not work in the United States or in Puerto Rico</td>
</tr>
<tr>
<td>00100..81000</td>
<td>Assigned Place of work PUMA. Use with POWSP.</td>
</tr>
<tr>
<td>-0009</td>
<td>Code classification is Not Applicable because data are outside of defined year range</td>
</tr>
</tbody>
</table>

**POWSP**  
Place of work - State or foreign country recode

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>Alabama/AL</td>
</tr>
<tr>
<td>002</td>
<td>Alaska/AK</td>
</tr>
</tbody>
</table>
004 .Arizona/AZ
005 .Arkansas/AR
006 .California/CA
008 .Colorado/CO
009 .Connecticut/CT
010 .Delaware/DE
011 .District of Columbia/DC
012 .Florida/FL
013 .Georgia/GA
015 .Hawaii/HI
016 .Idaho/ID
017 .Illinois/IL
018 .Indiana/IN
019 .Iowa/IA
020 .Kansas/KS
021 .Kentucky/KY
022 .Louisiana/LA
023 .Maine/ME
024 .Maryland/MD
025 .Massachusetts/MA
026 .Michigan/MI
027 .Minnesota/MN
028 .Mississippi/MS
029 .Missouri/MO
030 .Montana/MT
031 .Nebraska/NE
032 .Nevada/NV
033 .New Hampshire/NH
034 .New Jersey/NJ
035 .New Mexico/NM
036 .New York/NY
037 .North Carolina/NC
038 .North Dakota/ND
039 .Ohio/OH
040 .Oklahoma/OK
041 .Oregon/OR
042 .Pennsylvania/PA
044 .Rhode Island/RI
045 .South Carolina/SC
046 .South Dakota/SD
047 .Tennessee/TN
048 .Texas/TX
049 .Utah/UT
050 .Vermont/VT
051 .Virginia/VA
053 .Washington/WA
054 .West Virginia/WV
055 .Wisconsin/WI
056 .Wyoming/WY
072 .Puerto Rico
166 .Europe
254 .Asia
303 .Mexico
399 .Americas, Not Specified
555 .Other US Island Areas Not Specified, Africa, Oceania, at Sea, or Abroad, Not Specified
PRIVCOV  Character  1
Private health insurance coverage recode
1 .With private health insurance coverage
2 .Without private health insurance coverage

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

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

RAC1P  Character  1
Recode 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
   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
Recode detailed race code
01 .White alone
02 .Black or African American alone
03 .Apache alone
04 .Blackfeet alone
05 .Cherokee alone
07 .Chickasaw alone
08 .Chippewa alone
09 .Choctaw alone
11 .Creek alone
12 .Crow alone
13 .Hopi alone
14 .Iroquois alone
15 .Lumbee alone
16 .Mexican American Indian alone
17 .Navajo alone
18 .Pima alone
19 .Potawatomi alone
20 .Pueblo alone
21 .Puget Sound Salish alone
23 .Sioux alone
24 .South American Indian alone
25 .Tohono O'odham alone
26 .Yaqui alone

105
| 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
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<tr>
<th>Code</th>
<th>Race Combinations</th>
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<tr>
<td>069</td>
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<td>070</td>
<td>White; Other Asian; Some Other Race</td>
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<td>071</td>
<td>Chinese; Filipino; Native Hawaiian</td>
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<tr>
<td>072</td>
<td>White; Chinese; Filipino; Native Hawaiian</td>
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<tr>
<td>073</td>
<td>White; Chinese; Japanese; Native Hawaiian</td>
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<tr>
<td>074</td>
<td>Black or African American; Asian groups</td>
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<tr>
<td>075</td>
<td>Black or African American; Native Hawaiian and Other Pacific Islander groups</td>
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<tr>
<td>076</td>
<td>Asian Indian; Asian groups</td>
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<td>077</td>
<td>Filipino; Asian groups</td>
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<td>078</td>
<td>White; Black or African American; Asian groups</td>
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<td>079</td>
<td>White; American Indian and Alaska Native; Asian groups</td>
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<td>080</td>
<td>White; Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race</td>
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<td>081</td>
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<td>082</td>
<td>White; Black or African American; American Indian and Alaska Native; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race</td>
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<td>090</td>
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<tr>
<td>091</td>
<td>Black or African American; Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race</td>
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<tr>
<td>092</td>
<td>American Indian and Alaska Native; Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race</td>
</tr>
<tr>
<td>093</td>
<td>Asian Indian; and/or White; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race</td>
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<td>094</td>
<td>Chinese; Japanese; Native Hawaiian; and/or other Asian and/or Pacific Islander groups</td>
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<tr>
<td>095</td>
<td>Chinese; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race</td>
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<tr>
<td>096</td>
<td>Filipino; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race</td>
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<tr>
<td>097</td>
<td>Japanese; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race</td>
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</tbody>
</table>
RACAIAN  Character  1
American Indian and Alaska Native recode (American Indian and Alaska
Native alone or in combination with one or more other races)
  0 .No
  1 .Yes

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

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

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

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

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

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

RACWHT  Character  1
White recode (White alone or in combination with one or more other
races)
  0 .No
  1 .Yes
RC  Character  1
Related child
b .N/A (in GQ for 2017 and later)
0 .No and GQ records for 2016 and earlier
1 .Yes

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

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

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

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

SOCP  Character  6
Standard Occupational Classification (SOC) codes for 2018 and later based on 2018 SOC codes
bbbbb .N/A (less than 16 years old/NILF who last worked more than 5 years ago or never worked)
1110XX .MGR-Chief Executives And Legislators
111021 .MGR-General And Operations Managers
112011 .MGR-Advertising And Promotions Managers
112021 .MGR-Marketing Managers
112022 .MGR-Sales Managers
112030 .MGR-Public Relations And Fundraising Managers
113012 .MGR-Administrative Services Managers
113013 .MGR-Facilities Managers
113021 .MGR-Computer And Information Systems Managers
113031 .MGR-Financial Managers
113111 .MGR-Compensation And Benefits Managers
113121 .MGR-Human Resources Managers
113131 .MGR-Training And Development Managers
113051 .MGR-Industrial Production Managers
113061 .MGR-Purchasing Managers
113071 .MGR-Transportation, Storage, And Distribution Managers
119013 .MGR-Farmers, Ranchers, And Other Agricultural Managers
119021 .MGR-Construction Managers
119030 .MGR-Education And Childcare Administrators
119041 .MGR-Architectural And Engineering Managers
119051 .MGR-Food Service Managers
119070 .MGR-Entertainment And Recreation Managers
119081 .MGR-Lodging Managers
119111 .MGR-Medical And Health Services Managers
119121 .MGR-Natural Sciences Managers
119141 .MGR-Property, Real Estate, And Community Association Managers
119151 .MGR-Social And Community Service Managers
119161 .MGR-Emergency Management Directors
119XX .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
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
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<tbody>
<tr>
<td>151244</td>
<td>CMM-Network And Computer Systems Administrators</td>
</tr>
<tr>
<td>151241</td>
<td>CMM-Computer Network Architects</td>
</tr>
<tr>
<td>151299</td>
<td>CMM-Computer Occupations, All Other</td>
</tr>
<tr>
<td>152011</td>
<td>CMM-Actuaries</td>
</tr>
<tr>
<td>152031</td>
<td>CMM-Operations Research Analysts</td>
</tr>
<tr>
<td>1520XX</td>
<td>CMM-Other Mathematical Science Occupations</td>
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<tr>
<td>171011</td>
<td>ENG-Architects, Except Landscape And Naval</td>
</tr>
<tr>
<td>171012</td>
<td>ENG-Landscape Architects</td>
</tr>
<tr>
<td>171020</td>
<td>ENG-Surveyors, Cartographers, And Photogrammetrists</td>
</tr>
<tr>
<td>172011</td>
<td>ENG-Aerospace Engineers</td>
</tr>
<tr>
<td>1720XX</td>
<td>ENG-Biomedical And Agricultural Engineers</td>
</tr>
<tr>
<td>172041</td>
<td>ENG-Chemical Engineers</td>
</tr>
<tr>
<td>172051</td>
<td>ENG-Civil Engineers</td>
</tr>
<tr>
<td>172061</td>
<td>ENG-Computer Hardware Engineers</td>
</tr>
<tr>
<td>172070</td>
<td>ENG-Electrical And Electronics Engineers</td>
</tr>
<tr>
<td>172081</td>
<td>ENG-Environmental Engineers</td>
</tr>
<tr>
<td>172110</td>
<td>ENG-Industrial Engineers, Including Health And Safety</td>
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<tr>
<td>172121</td>
<td>ENG-Marine Engineers And Naval Architects</td>
</tr>
<tr>
<td>172131</td>
<td>ENG-Materials Engineers</td>
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<tr>
<td>172141</td>
<td>ENG-Mechanical Engineers</td>
</tr>
<tr>
<td>1721XX</td>
<td>ENG-Petroleum, Mining And Geological Engineers, Including Mining Safety Engineers</td>
</tr>
<tr>
<td>1721YY</td>
<td>ENG-Other Engineers</td>
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<tr>
<td>173011</td>
<td>ENG-Architectural And Civil Drafters</td>
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<tr>
<td>17301X</td>
<td>ENG-Other Drafters</td>
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<tr>
<td>173023</td>
<td>ENG-Electrical and Electronic Engineering Technologists And Technicians</td>
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<tr>
<td>17302X</td>
<td>ENG-Other Engineering Technologists And Technicians, Except Drafters</td>
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<tr>
<td>173031</td>
<td>ENG-Surveying And Mapping Technicians</td>
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<tr>
<td>191010</td>
<td>SCI-Agricultural And Food Scientists</td>
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<tr>
<td>191020</td>
<td>SCI-Biological Scientists</td>
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<tr>
<td>191030</td>
<td>SCI-Conservation Scientists And Foresters</td>
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<tr>
<td>1910XX</td>
<td>SCI-Other Life Scientists</td>
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<td>192010</td>
<td>SCI-Astronomers And Physicists</td>
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<td>192021</td>
<td>SCI-Atmospheric And Space Scientists</td>
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<td>192030</td>
<td>SCI-Chemists And Materials Scientists</td>
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<td>192041</td>
<td>SCI-Environmental Scientists And Specialists, Including Health</td>
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<td>19204X</td>
<td>SCI-Geoscientists And Hydrologists, Except Geographers</td>
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<td>192099</td>
<td>SCI-Physical Scientists, All Other</td>
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<td>193011</td>
<td>SCI-Economists</td>
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<td>193033</td>
<td>SCI-Clinical And Counseling Psychologists</td>
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<td>SCI-Other Psychologists</td>
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<td>193051</td>
<td>SCI-Urban And Regional Planners</td>
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<td>SCI-Other Social Scientists</td>
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<td>194010</td>
<td>SCI-Agricultural And Food Science Technicians</td>
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<td>SCI-Biological Technicians</td>
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<td>194031</td>
<td>SCI-Chemical Technicians</td>
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<tr>
<td>1940XX</td>
<td>SCI-Environmental Science And Geoscience Technicians, And Nuclear Technicians</td>
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<tr>
<td>1940YY</td>
<td>SCI-Other Life, Physical, And Social Science Technicians</td>
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<tr>
<td>195010</td>
<td>SCI-Occupational Health And Safety Specialists And Technicians</td>
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<tr>
<td>211011</td>
<td>CMS-Substance Abuse And Behavioral Disorder Counselors</td>
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</table>
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-Producer 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
291041 .MED-Optometrists
291051 .MED-Pharmacists
291210 .MED-Physicians
291240 .MED-Surgeons
291071 .MED-Physician Assistants
291081 .MED-Podiatrists
291122 .MED-Occupational Therapists
291123 .MED-Physical Therapists
291124 .MED-Radiation Therapists
291125 .MED-Recreational Therapists
291126 .MED-Respiratory Therapists
291127 .MED-Speech-Language Pathologists
29112X .MED-Other Therapists
291131 .MED-Veterinarians
291141 .MED-Registered Nurses
291151 .MED-Nurse Anesthetists
291181 .MED-Audiologists
2911XX .MED-Nurse Practitioners, And Nurse Midwives
291291 .MED-Acupuncturists
291299 .MED-Healthcare Diagnosing Or Treating Practitioners, All .Other
292010 .MED-Clinical Laboratory Technologists And Technicians
291292 .MED-Dental Hygienists
292031 .MED-Cardiovascular Technologists And Technicians
292032 .MED-Diagnostic Medical Sonographers
292034 .MED-Radiologic Technologists And Technicians
292035 .MED-Magnetic Resonance Imaging Technologists
29203X .MED-Nuclear Medicine Technologists And Medical .Dosimetrists
292042 .MED-Emergency Medical Technicians
292043 .MED-Paramedics
292052 .MED-Pharmacy Technicians
292053 .MED-Psychiatric Technicians
292055 .MED-Surgical Technologists
292056 .MED-Veterinary Technologists And Technicians
29205X .MED-Dietetic Technicians And Ophthalmic Medical .Technicians
292061 .MED-Licensed Practical And Licensed Vocational Nurses
292072 .MED-Medical Records Specialists
292081 .MED-Opticians, Dispensing
292090 .MED-Miscellaneous Health Technologists And Technicians
299000 .MED-Other Healthcare Practitioners And Technical .Occupations
311121 .HLS-Home Health Aides
31122 .HLS-Personal Care Aides
31131 .HLS-Nursing Assistants
3113X .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
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-Carrier 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

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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 FFP-First-Line Supervisors Of Farming, Fishing, And .Forestry Workers
452011 FFP-Agricultural Inspectors
452041 FFP-Graders And Sorters, Agricultural Products
4520XX FFP-Other Agricultural Workers
453031 FFP-Fishing And Hunting Workers
454011 FFP-Forest And Conservation Workers
454020 FFP-Logging Workers
471011 CON-First-Line Supervisors Of Construction Trades And .Extraction Workers
472011 CON-Boilermakers
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 Assemblers
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
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
06 .Vietnam Era
07 .Vietnam Era and Korean War
08 .Vietnam Era, Korean War, and WWII
09 .Korean War
10 .Korean War and WWII
11 .WWII
12 .Between Gulf War and Vietnam Era only
13 .Between Vietnam Era and Korean War only
14 .Peacetime service before the Korean War only

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

PERSON RECORD-ALLOCATION FLAGS

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

FANCP Character 1
Ancestry allocation flag
0. No
1. Yes

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FGCRP Character 1
   Grandparents responsible for grandchildren allocation flag
   0 .No
   1 .Yes
FHICOVP  Character  1
Health insurance coverage recode allocation flag
0 .No
1 .Yes

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

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

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

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

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

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

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

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

FHINS6P  Character  1
VA (Health Insurance through VA Health Care) allocation flag
0 .No
1 .Yes
FHINS7P  Character  1  
Indian health service allocation flag  
0 .No  
1 .Yes  

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FMIGSP  Character  1  
Migration state or foreign country allocation flag  
  0 .No  
  1 .Yes  

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

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

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

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

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

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

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

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

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

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

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

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

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

FSCHGP  Character  1  
Grade attending allocation flag  
0  .No  
1  .Yes
FSCHLP  Character  1
Highest education allocation flag
  0 .No
  1 .Yes

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

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

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

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

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

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

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

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

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

FWKWP  Character  1
Weeks worked past 12 months allocation flag
  0 .No
  1 .Yes
FWRKP  Character  1
Worked last week allocation flag
0 .No
1 .Yes

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

PERSON RECORD-REPLICATE WEIGHTS

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

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

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

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

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

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

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

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

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

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

PWGTP11  Numeric  5
Person Weight replicate 11
-9999..9999 .Integer weight of person
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<td>Numeric 5</td>
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<td>Person Weight replicate 12 -9999..9999 .Integer weight of person</td>
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<td>PWGTP13</td>
<td>Numeric 5</td>
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<td>Person Weight replicate 13 -9999..9999 .Integer weight of person</td>
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<td>PWGTP14</td>
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<td>Person Weight replicate 14 -9999..9999 .Integer weight of person</td>
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| PWGTP42  | Numeric| 5      | Person Weight replicate 42
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| PWGTP43  | Numeric| 5      | Person Weight replicate 43
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| PWGTP44  | Numeric| 5      | Person Weight replicate 44
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| PWGTP45  | Numeric| 5      | Person Weight replicate 45
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| PWGTP46  | Numeric| 5      | Person Weight replicate 46
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| PWGTP47  | Numeric| 5      | Person Weight replicate 47
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| PWGTP48  | Numeric| 5      | Person Weight replicate 48
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| PWGTP49  | Numeric| 5      | Person Weight replicate 49
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| PWGTP50  | Numeric| 5      | Person Weight replicate 50
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| PWGTP51  | Numeric| 5      | Person Weight replicate 51
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| PWGTP52  | Numeric| 5      | Person Weight replicate 52
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| PWGTP53  | Numeric| 5      | Person Weight replicate 53
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Person Weight replicate 54
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PWGTP55  Numeric  5
Person Weight replicate 55
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PWGTP56  Numeric  5
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PWGTP57  Numeric  5
Person Weight replicate 57
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PWGTP63  Numeric  5
Person Weight replicate 63
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PWGTP64  Numeric  5
Person Weight replicate 64
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PWGTP65  Numeric  5
Person Weight replicate 65
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PWGTP66  Numeric  5
Person Weight replicate 66
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PWGTP67  Numeric  5
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