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

DIVISION  Character  1
Division code based on 2010 Census definitions Division code based on 2020 Census definitions
0  .Puerto Rico
1  .New England (Northeast region)
2  .Middle Atlantic (Northeast region)
3  .East North Central (Midwest region)
4  .West North Central (Midwest region)
5  .South Atlantic (South region)
6  .East South Central (South region)
7  .West South Central (South Region)
8  .Mountain (West region)
9  .Pacific (West region)

PUMA  Character  5
Public use microdata area code (PUMA) based on 2020 Census definition
(areas with population of 100,000 or more, use with ST for unique code)
00100..81003 .Public use microdata area codes

REGION  Character  1
Region code based on 2020 Census definitions
1  .Northeast
2  .Midwest
3  .South
4  .West
9  .Puerto Rico

ST  Character  2
State Code based on 2020 Census definitions
01  .Alabama/AL
02  .Alaska/AK
04  .Arizona/AZ
05  .Arkansas/AR
06  .California/CA
08  .Colorado/CO
ADJHSG  Character  7
Adjustment factor for housing dollar amounts (6 implied decimal places)
1000000 .2022 factor (1.000000)

ADJINC  Character  7
Adjustment factor for income and earnings dollar amounts (6 implied decimal places)
1042311 .2022 factor (1.042311)
WGTP Numeric 5
Housing Unit Weight
0 .Group quarters place holder record
1..9999 .Integer weight of housing unit

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

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

HOUSING RECORD-HOUSING UNIT VARIABLES

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

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

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

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

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

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

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

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

**CONP**  **Numeric  4**
Condominium fee (monthly amount, use ADJHSG to adjust CONP to constant dollars)
bbbb  .N/A (GQ/vacant units/not owned or being bought)
0..9999  .$0 - $9999 (Rounded and top-coded)

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

**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)
  bbbbb  .N/A (GQ/vacant/not owned or being bought/not mortgaged)
  1..99999  .$1 to $99999 (Rounded and top-coded)

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

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

OTHSVCEX  Character  1
Other Internet service
<table>
<thead>
<tr>
<th>Field</th>
<th>Type</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
</table>
| REFR          | Character 1 | Refrigerator                                                               | 1. Yes  
2. No  
3. N/A (GQ)  
4. N/A (GQ/vacant/no paid access to the internet) |
| RMSP          | Numeric 2  | Number of rooms                                                             | 1. Yes  
2. No  
3. N/A (GQ)  
4. N/A (Rooms (Top-coded)) |
| RNTM          | Character 1 | Meals included in rent                                                       | 1. Yes  
2. No  
3. N/A (GQ/vacant units, except 'for rent' and 'rented, not occupied'/owned or being bought/occupied without rent payment) |
| RNTP          | Numeric 5  | Monthly rent (use ADJHSG to adjust RNTP to constant dollars)                | 1. Yes  
2. No  
3. N/A (GQ/vacant units, except 'for rent' and 'rented, not occupied'/owned or being bought/occupied without rent payment)  
4. N/A (Rounded and top-coded)  
5. $1 to $99999 (Rounded and top-coded) |
| RWAT          | Character 1 | Hot and cold running water                                                  | 1. Yes  
2. No  
3. N/A (GQ)  
4. N/A (Case is from Puerto Rico, RWAT not applicable) |
| RWATPR        | Character 1 | Running water                                                               | 1. Yes  
2. No  
3. N/A (GQ)  
4. N/A (Case is from the United States, RWATPR not applicable) |
| SATELLITE     | Character 1 | Satellite Internet service                                                 | 1. Yes  
2. No  
3. N/A (GQ/vacant/no paid access to the internet) |
| SINK          | Character 1 | Sink with a faucet                                                          | 1. Yes  
2. No  
3. N/A (GQ) |
SMARTPHONE Character 1
Smartphone
b .N/A (GQ/vacant)
1 .Yes
2 .No

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

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

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

TEL Character 1
Telephone service
b .N/A (GQ/vacant)
1 .Yes
2 .No

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

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

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

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

VALP  Numeric 7
Property value
b bbbb 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)
b bbb N/A (GQ/vacant/included in rent or in condo fee/no
. charge)
3..9999 $3 to $99999 (Rounded and top-coded)

YRBLT  Character 4
When structure first built
b bbb .N/A (GQ)
1939 .1939 or earlier
1940 .1940 to 1949
1950 .1950 to 1959
1960 .1960 to 1969
1970 .1970 to 1979
1980 .1980 to 1989
1990 .1990 to 1999
2000 .2000 to 2009
2010 .2010 to 2019
2020 .2020
2021 .2021
2022 .2022

**HOUSING RECORD–HOUSEHOLD VARIABLES**

<table>
<thead>
<tr>
<th>Variable</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPLT</td>
<td>Character 1</td>
<td>Couple Type</td>
</tr>
<tr>
<td></td>
<td>b .N/A (GQ/vacant/non-couple households)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 .Opposite-sex husband/wife/spouse household</td>
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<tr>
<td></td>
<td>2 .Same-sex husband/wife/spouse household</td>
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</tr>
<tr>
<td></td>
<td>3 .Opposite-sex unmarried partner household</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4 .Same-sex unmarried partner household</td>
<td></td>
</tr>
<tr>
<td>FINCP</td>
<td>Numeric 7</td>
<td>Family income (past 12 months, use ADJINC to adjust FINCP to constant dollars)</td>
</tr>
<tr>
<td></td>
<td>.N/A (GQ/vacant)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0 .No family income</td>
<td></td>
</tr>
<tr>
<td></td>
<td>-59999 .Loss of -$59,999 or more</td>
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</tr>
<tr>
<td></td>
<td>-59998.-1 .Loss of $1 to -$59,998</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1..9999999 .Total family income in dollars (Components are rounded)</td>
<td></td>
</tr>
<tr>
<td>FPARC</td>
<td>Character 1</td>
<td>Family presence and age of related children</td>
</tr>
<tr>
<td></td>
<td>b .N/A (GQ/vacant/not a family)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 .With related children under 5 years only</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2 .With related children 5 to 17 years only</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3 .With related children under 5 years and 5 to 17 years</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4 .No related children</td>
<td></td>
</tr>
<tr>
<td>GRNTP</td>
<td>Numeric 5</td>
<td>Gross rent (monthly amount, use ADJHSG to adjust GRNTP to constant dollars)</td>
</tr>
<tr>
<td></td>
<td>.N/A (GQ/vacant/owned or being bought/occupied without rent payment)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1..99999 .$1 - $99999 (Components are rounded)</td>
<td></td>
</tr>
<tr>
<td>GRPIP</td>
<td>Numeric 3</td>
<td>Gross rent as a percentage of household income past 12 months</td>
</tr>
<tr>
<td></td>
<td>.N/A (GQ/vacant/owned or being bought/occupied without rent payment/no household income)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1..100 .1 percent to 100 percent</td>
<td></td>
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<tr>
<td></td>
<td>101 .101 percent or more</td>
<td></td>
</tr>
</tbody>
</table>
HHL Character 1
Household language
b .N/A (GQ/vacant)
1 .English only
2 .Spanish
3 .Other Indo-European languages
4 .Asian and Pacific Island languages
5 .Other language

HHLANP Character 4
Detailed household language
bbbb .N/A (GQ/vacant)
1000 .Jamaican Creole English
1025 .Other English-based Creole languages
1055 .Haitian
1069 .Kabuverdianu
1110 .German
1120 .Swiss German
1125 .Pennsylvania German
1130 .Yiddish
1132 .Dutch
1134 .Afrikaans
1140 .Swedish
1141 .Danish
1142 .Norwegian
1155 .Italian
1170 .French
1175 .Cajun French
1200 .Spanish
1210 .Portuguese
1220 .Romanian
1231 .Irish
1235 .Greek
1242 .Albanian
1250 .Russian
1260 .Ukrainian
1262 .Czech
1263 .Slovak
1270 .Polish
1273 .Bulgarian
1274 .Macedonian
1275 .Serbocroatian
1276 .Bosnian
1277 .Croatian
1278 .Serbian
1281 .Lithuanian
1283 .Latvian
1288 .Armenian
1290 .Parsi
1292 .Dari
1315 .Kurdish
1327 .Pashto
1340 .India N.E.C.
1350 .Hindi
1360 .Urdu
1380 .Bengali
1420 .Punjabi
1435 .Konkani
1440 .Marathi
1450 .Gujarati
1500 .Nepali
1530 .Sinhala
1540 .Other Indo-Iranian languages
1564 .Other Indo-European languages
1565 .Finnish
1582 .Hungarian
1675 .Turkish
1690 .Mongolian
1730 .Telugu
1737 .Kannada
1750 .Malayalam
1765 .Tamil
1900 .Khmer
1960 .Vietnamese
1970 .Chinese
2000 .Mandarin
2030 .Min Nan Chinese
2050 .Cantonese
2100 .Tibetan
2160 .Burmese
2270 .Chin languages
2350 .Karen languages
2430 .Thai
2475 .Lao
2525 .Iu Mien
2535 .Hmong
2560 .Japanese
2575 .Korean
2715 .Malay
2770 .Indonesian
2850 .Other languages of Asia
2910 .Filipino
2920 .Tagalog
2950 .Cebuano
3150 .Ilocano
3190 .Other Philippine languages
3220 .Chamorro
3270 .Marshallese
3350 .Chuukese
3420 .Samoan
3500 .Tongan
3570 .Hawaiian
3600 .Other Eastern Malayo-Polynesian languages
4500 .Arabic
4545 .Hebrew
4560 .Assyrian Neo-Aramaic
4565 .Chaldean Neo-Aramaic
4590 .Amharic
4640 .Tigrinya
4830 .Oromo
4840 .Somali
4880 .Other Afro-Asiatic languages
4900 .Nilo-Saharan languages
5150 .Swahili
5345 .Ganda
5525 .Shona
5645 .Other Bantu languages
5845 .Manding languages
5900 .Other Mande languages
5940 .Fulah
5950 .Wolof
6120 .Akan (incl. Twi)
6205 .Ga
6230 .Gbe languages
6290 .Yoruba
6300 .Edoid languages
6370 .Igbo
6500 .Other Niger-Congo languages
6795 .Other languages of Africa
6800 .Aleut languages
6839 .Ojibwa
6930 .Apache languages
6933 .Navajo
7019 .Dakota languages
7032 .Muskogean languages
7050 .Cherokee
7060 .Uto-Aztecan languages
7124 .Other Native North American languages
7300 .Other Central and South American languages
9500 .English only household
9999 .Other and unspecified languages

**HHLDRAGEP**  Numeric  2
Age of the householder
bb  .N/A (GQ/vacant)
15..99 .15 to 99 years (Top-coded)

**HHLDRHISP**  Character  2
Recoded detailed Hispanic origin of the householder
bb  .N/A (GQ/vacant)
01 .Not Spanish/Hispanic/Latino
02 .Mexican
03 .Puerto Rican
04 .Cuban
05 .Dominican
06 .Costa Rican
07 .Guatemalan
08 .Honduran
09 .Nicaraguan
10 .Panamanian
11 .Salvadoran
12 .Other Central American
13 .Argentinean
14 .Bolivian
15 .Chilean
16 .Colombian
17 .Ecuadorean
18 .Paraguayan
19 .Peruvian
20 .Uruguayan
21 .Venezuelan
22 .Other South American  
23 .Spaniard  
24 .All Other Spanish/Hispanic/Latino

**HHLDRRAC1P Character 1**
Recoded detailed race code of the householder  
b .N/A (GQ/vacant)  
1 .White alone  
2 .Black or African American alone  
3 .American Indian alone  
4 .Alaska Native alone  
5 .American Indian and Alaska Native tribes specified; or  
   .American Indian or Alaska Native, not specified and no other  
races  
6 .Asian alone  
7 .Native Hawaiian and Other Pacific Islander alone  
8 .Some Other Race alone  
9 .Two or More Races

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

**HHT2 Character 2**
Household/family type (includes cohabiting)  
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
<table>
<thead>
<tr>
<th>Variable</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HINCP</td>
<td>Numeric</td>
<td>Household income (past 12 months, use ADJINC to adjust HINCP to constant dollars)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>bbbbbbb .N/A (GQ/vacant)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0 .No household income</td>
</tr>
<tr>
<td></td>
<td></td>
<td>-59999 .Loss of -$59,999 or more</td>
</tr>
<tr>
<td></td>
<td></td>
<td>-59998..-1 .Loss of $1 to -$59,998</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1..9999999 .Total household income in dollars (Components are rounded)</td>
</tr>
<tr>
<td>HUGCL</td>
<td>Character</td>
<td>Household with grandparent living with grandchildren</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b .N/A (GQ/vacant)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0 .Household without grandparent living with grandchildren</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 .Household with grandparent living with grandchildren</td>
</tr>
<tr>
<td>HUPAC</td>
<td>Character</td>
<td>HH presence and age of children</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b .N/A (GQ/vacant)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 .With children under 6 years only</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 .With children 6 to 17 years only</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 .With children under 6 years and 6 to 17 years</td>
</tr>
<tr>
<td></td>
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<td>4 .No children</td>
</tr>
<tr>
<td>HUPAOC</td>
<td>Character</td>
<td>HH presence and age of own children</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b .N/A (GQ/vacant)</td>
</tr>
<tr>
<td></td>
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<td>1 .Presence of own children under 6 years only</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 .Presence of own children 6 to 17 years only</td>
</tr>
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<td></td>
<td>3 .Presence of own children under 6 years and 6 to 17 years</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 .No own children present</td>
</tr>
<tr>
<td>HUPARC</td>
<td>Character</td>
<td>HH presence and age of related children</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b .N/A (GQ/vacant)</td>
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<td></td>
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<td>1 .Presence of related children under 6 years only</td>
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<tr>
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<td></td>
<td>2 .Presence of related children 6 to 17 years only</td>
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<tr>
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<td></td>
<td>3 .Presence of related children under 6 years and 6 to 17 years</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 .No related children present</td>
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<tr>
<td>KIT</td>
<td>Character</td>
<td>Complete kitchen facilities</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b .N/A (GQ)</td>
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<tr>
<td></td>
<td></td>
<td>1 .Yes, has stove or range, refrigerator, and sink with a faucet</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 .No</td>
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<tr>
<td>LNGI</td>
<td>Character</td>
<td>Limited English speaking household</td>
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<td></td>
<td></td>
<td>b .N/A (GQ/vacant)</td>
</tr>
<tr>
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<td>1 .At least one person in the household 14 and over speaks English only or</td>
</tr>
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<td>.speaks English 'very well'</td>
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<td>2 .No one in the household 14 and over speaks English only or</td>
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<td></td>
<td>.speaks English 'very well'</td>
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<tr>
<td>MULTG</td>
<td>Character</td>
<td>Multigenerational household</td>
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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
bbbb .N/A (GQ/vacant/not owned or being bought/ no household income)
1..100 .1 percent to 100 percent
101 .101 percent or more

PARTNER

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

**PLM**

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

**PLMPRP**

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

**PSF**

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

**R18**

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

**R60**

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

**R65**

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

**RESMODE**

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

**SMOCP**

**Numeric 5**
Selected monthly owner costs (use ADJHSG to adjust SMOCP to constant dollars)
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-only' and 'rented, not .occupied'/owned or being bought)
0 .A single-family home on 10 or more acres.
1 .A single-family home on less than 10 acres or any other type .of building, including mobile homes, with no regard to .acreage.

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

TAXAMT  Numeric  5
Property taxes (yearly real estate taxes)
bbbbb .N/A (GQ/vacant/not owned or being bought)
0..57500 .$0 to $57500 (rounded and top-coded)

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

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

WORKSTAT  Character  2
Work status of householder or spouse in family households
bb. N/A (GQ/not a family household/same-sex married-couple families)
01. Husband and wife both in labor force, both employed or in Armed Forces
02. Husband and wife both in labor force, husband employed or in Armed Forces, wife unemployed
03. Husband in labor force and wife not in labor force, husband employed or in Armed Forces
04. Husband and wife both in labor force, husband unemployed, wife employed or in Armed Forces
05. Husband and wife both in labor force, husband unemployed, wife unemployed
06. Husband in labor force, husband unemployed, wife not in labor force
07. Husband not in labor force, wife in labor force, wife employed or in Armed Forces
08. Husband not in labor force, wife in labor force, wife unemployed
09. Neither husband nor wife in labor force
10. Male householder with no wife present, householder in labor force, employed or in Armed Forces
11. Male householder with no wife present, householder in labor force and unemployed
12. Male householder with no wife present, householder not in labor force
13. Female householder with no husband present, householder in labor force, employed or in Armed Forces
14. Female householder with no husband present, householder in labor force and unemployed
15. Female householder with no husband present, householder not in labor force

HOUSING RECORD-ALLOCATION FLAGS

FACCESSP  Character  1
Access to the Internet allocation flag
b. N/A (GQ)
0. No
1. Yes

FACRP  Character  1
Lot size allocation flag
b. N/A (GQ)
0. No
1. Yes

FAGSP  Character  1
Sales of Agricultural Products allocation flag
b. N/A (GQ)
0. No
1 .Yes

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

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

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

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

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

FCOMP    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  

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

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

**FHSPEEDP**  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  

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

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

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

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

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

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

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

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

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

FOTHHSVCEXP Character 1
Other Internet service allocation flag
b .N/A (GQ)
0 .No
1 .Yes
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Allocation Flags</th>
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<tbody>
<tr>
<td>FPLMP</td>
<td>Complete plumbing facilities allocation flag</td>
<td>N/A (GQ)</td>
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<tr>
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<td>FPLMPRP</td>
<td>Complete plumbing facilities allocation flag for Puerto Rico</td>
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<td></td>
<td></td>
<td>0 .No</td>
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<td>1 .Yes</td>
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<td>FREFRP</td>
<td>Refrigerator allocation flag</td>
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<td>FRMSP</td>
<td>Number of rooms allocation flag</td>
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<td>FRNTMP</td>
<td>Meals included in rent allocation flag</td>
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<td>FRNTP</td>
<td>Monthly rent allocation flag</td>
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<td>FRWATP</td>
<td>Hot and cold running water allocation flag</td>
<td>N/A (GQ)</td>
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<td>Running water allocation flag for Puerto Rico</td>
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<td>FSATELLITEP</td>
<td>Satellite Internet service allocation flag</td>
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<td>1 .Yes</td>
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<td>FSINKP</td>
<td>Sink with a faucet allocation flag</td>
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<td>Character</td>
<td>Description</td>
<td>Allocation Flag</td>
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<td>FSMARTPHONP</td>
<td>Smartphone allocation flag</td>
<td>b .N/A (GQ) 0 .No 1 .Yes</td>
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<td>FSMOCP</td>
<td>Selected monthly owner cost allocation flag</td>
<td>b .N/A (GQ) 0 .No 1 .Yes</td>
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<td>FSMP</td>
<td>Total payment on second and junior mortgages and home equity loans (monthly amount) allocation flag</td>
<td>b .N/A (GQ) 0 .No 1 .Yes</td>
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<td>FSMXHP</td>
<td>Home equity loan status allocation flag</td>
<td>b .N/A (GQ) 0 .No 1 .Yes</td>
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<td>FSMXSP</td>
<td>Second mortgage status allocation flag</td>
<td>b .N/A (GQ) 0 .No 1 .Yes</td>
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<td>FSTOVP</td>
<td>Stove or range allocation flag</td>
<td>b .N/A (GQ) 0 .No 1 .Yes</td>
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<td>FTABLETP</td>
<td>Tablet or other portable wireless computer allocation flag</td>
<td>b .N/A (GQ) 0 .No 1 .Yes</td>
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<td>FTAXP</td>
<td>Property taxes (yearly amount) allocation flag</td>
<td>b .N/A (GQ) 0 .No 1 .Yes</td>
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<td>FTELP</td>
<td>Telephone service allocation flag</td>
<td>b .N/A (GQ)</td>
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FTENP Character 1
Tenure allocation flag
b .N/A (GQ)
0 .No
1 .Yes

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

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

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

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

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

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

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

HOUSING RECORD-REPLICATE WEIGHTS

WGTP1 Numeric 5
Housing Weight replicate 1
-9999..9999 .Integer weight of housing unit
WGTP2  Numeric  5  
Housing Weight replicate 2  
-9999..9999 .Integer weight of housing unit

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

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

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

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

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

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

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

WGTP10  Numeric  5  
Housing Weight replicate 10  
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Housing Weight replicate 12  
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Housing Weight replicate 13  
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Housing Weight replicate 14  
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WGTP15  Numeric  5  
Housing Weight replicate 15  
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Housing Weight replicate 16
-9999..9999 .Integer weight of housing unit

Housing Weight replicate 17
-9999..9999 .Integer weight of housing unit

Housing Weight replicate 18
-9999..9999 .Integer weight of housing unit

Housing Weight replicate 19
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Housing Weight replicate 20
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Housing Weight replicate 21
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Housing Weight replicate 22
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Housing Weight replicate 23
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Housing Weight replicate 24
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Housing Weight replicate 25
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Housing Weight replicate 26
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Housing Weight replicate 27
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Housing Weight replicate 28
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Housing Weight replicate 29
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WGTP30 Numeric 5
Housing Weight replicate 30
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WGTP31 Numeric 5
Housing Weight replicate 31
-9999..9999 .Integer weight of housing unit

WGTP32 Numeric 5
Housing Weight replicate 32
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WGTP33 Numeric 5
Housing Weight replicate 33
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WGTP34 Numeric 5
Housing Weight replicate 34
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WGTP35 Numeric 5
Housing Weight replicate 35
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WGTP36 Numeric 5
Housing Weight replicate 36
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WGTP37 Numeric 5
Housing Weight replicate 37
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WGTP38 Numeric 5
Housing Weight replicate 38
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WGTP39 Numeric 5
Housing Weight replicate 39
-9999..9999 .Integer weight of housing unit

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

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

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

WGTP43 Numeric 5
Housing Weight replicate 43
-9999..9999 .Integer weight of housing unit
WGTP44   Numeric   5  
Housing Weight replicate 44  
-9999..9999  .Integer weight of housing unit

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

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

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

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

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

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

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

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

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

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

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

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

WGTP57   Numeric   5  
Housing Weight replicate 57  
-9999..9999  .Integer weight of housing unit
WGTP58 Numeric 5
Housing Weight replicate 58
-9999..9999 .Integer weight of housing unit

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

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

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

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

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

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

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

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

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

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

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

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

WGTP71 Numeric 5
Housing Weight replicate 71
-9999..9999 .Integer weight of housing unit
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
2022GQ0000001..2022GQ9999999 .GQ Unique identifier
2022HU0000001..2022HU9999999 .HU Unique identifier

DIVISION  Character  1
Division code based on 2010 Census definitions Division code based on 2020 Census definitions
0 .Puerto Rico
1 .New England (Northeast region)
2. Middle Atlantic (Northeast region)
3. East North Central (Midwest region)
4. West North Central (Midwest region)
5. South Atlantic (South region)
6. East South Central (South region)
7. West South Central (South region)
8. Mountain (West region)
9. Pacific (West region)

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

**PUMA** Character 5
Public use microdata area code (PUMA) based on 2020 Census definition
(areas with population of 100,000 or more, use with ST for unique code)
00100..81003 .Public use microdata area codes

**REGION** Character 1
Region code based on 2020 Census definitions
1. Northeast
2. Midwest
3. South
4. West
9. Puerto Rico

**ST** Character 2
State Code based on 2020 Census definitions
01 .Alabama/AL
02 .Alaska/AK
04 .Arizona/AZ
05 .Arkansas/AR
06 .California/CA
08 .Colorado/CO
09 .Connecticut/CT
10 .Delaware/DE
11 .District of Columbia/DC
12 .Florida/FL
13 .Georgia/GA
15 .Hawaii/HI
16 .Idaho/ID
17 .Illinois/IL
18 .Indiana/IN
19 .Iowa/IA
20 .Kansas/KS
21 .Kentucky/KY
22 .Louisiana/LA
23 .Maine/ME
24 .Maryland/MD
25 .Massachusetts/MA
26 .Michigan/MI
27 .Minnesota/MN
28 .Mississippi/MS
29 .Missouri/MO
30 .Montana/MT
31 .Nebraska/NE
32 .Nevada/NV
33 .New Hampshire/NH
34 .New Jersey/NJ
35 .New Mexico/NM
36 .New York/NY
37 .North Carolina/NC
38 .North Dakota/ND
39 .Ohio/OH
40 .Oklahoma/OK
41 .Oregon/OR
42 .Pennsylvania/PA
43 .Rhode Island/RI
44 .South Carolina/SC
45 .South Dakota/SD
46 .Tennessee/TN
47 .Texas/TX
48 .Utah/UT
49 .Vermont/VT
50 .Virginia/VA
51 .Washington/WA
52 .West Virginia/WV
53 .Wisconsin/WI
54 .Wyoming/WY
55 .Puerto Rico/PR

ADJINC Character 7
Adjustment factor for income and earnings dollar amounts (6 implied decimal places)
1042311 .2022 factor (1.042311)

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

PERSON RECORD–PERSON VARIABLES

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

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

CITWP Numeric 4
Year of naturalization write-in
bbbb .N/A (Not eligible - not naturalized)
1947 .1947 or earlier (Bottom-coded)
1948 .1948 - 1949
1950 .1950 - 1951
COW

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

DDRS

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

DEAR

Character 1
Hearing difficulty
1. Yes
2. No

DEYE

Character 1
Vision difficulty
1. Yes
2. No

DOUT

Character 1
Independent living difficulty
b. N/A (Less than 15 years old)
1. Yes
2. No
DPHY **Character 1**
Ambulatory difficulty  
b .N/A (Less than 5 years old)
1 .Yes  
2 .No

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

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

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

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

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

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

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

**GCR**

**Character 1**
Grandparents responsible for grandchildren

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

**HIMRKS**

**Character 1**
Subsidized Marketplace Coverage

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

**HINS1**

**Character 1**
Insurance through a current or former employer or union

- 1 .Yes
- 2 .No

**HINS2**

**Character 1**
Insurance purchased directly from an insurance company

- 1 .Yes
- 2 .No

**HINS3**

**Character 1**
Medicare, for people 65 and older, or people with certain disabilities

- 1 .Yes
- 2 .No

**HINS4**

**Character 1**
Medicaid, Medical Assistance, or any kind of government-assistance plan for those with low incomes or a disability

- 1 .Yes
- 2 .No

**HINS5**

**Character 1**
TRICARE or other military health care

- 1 .Yes
- 2 .No

**HINS6**

**Character 1**
VA (enrolled for VA health care)

- 1 .Yes
- 2 .No

**HINS7**

**Character 1**
Indian Health Service

- 1 .Yes
- 2 .No

**INTP**

**Numeric 6**
Interest, dividends, and net rental income past 12 months (use ADJINC to adjust to constant dollars)

- bbbbbbb .N/A (less than 15 years old)
- 0 .None
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>-10000</td>
<td>Loss of $4 to $10000 (Rounded and bottom-coded)</td>
</tr>
<tr>
<td>4..999999</td>
<td>$4 to $999999 (Rounded and top-coded)</td>
</tr>
<tr>
<td><strong>JWMNP</strong></td>
<td><strong>Numeric 3</strong></td>
</tr>
<tr>
<td></td>
<td>Travel time to work</td>
</tr>
<tr>
<td>bbb</td>
<td>N/A (not a worker or worker who worked at home)</td>
</tr>
<tr>
<td>1..200</td>
<td>1 to 200 minutes to get to work (Top-coded)</td>
</tr>
<tr>
<td><strong>JWRIP</strong></td>
<td><strong>Numeric 2</strong></td>
</tr>
<tr>
<td></td>
<td>Vehicle occupancy</td>
</tr>
<tr>
<td>bb</td>
<td>N/A (not a worker or worker whose means of transportation to work was not car, truck, or van)</td>
</tr>
<tr>
<td>1</td>
<td>Drove alone</td>
</tr>
<tr>
<td>2</td>
<td>In 2-person carpool</td>
</tr>
<tr>
<td>3</td>
<td>In 3-person carpool</td>
</tr>
<tr>
<td>4</td>
<td>In 4-person carpool</td>
</tr>
<tr>
<td>5</td>
<td>In 5-person carpool</td>
</tr>
<tr>
<td>6</td>
<td>In 6-person carpool</td>
</tr>
<tr>
<td>7</td>
<td>In 7-person carpool</td>
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<tr>
<td>8</td>
<td>In 8-person carpool</td>
</tr>
<tr>
<td>9</td>
<td>In 9-person carpool</td>
</tr>
<tr>
<td>10</td>
<td>In 10-person or more carpool (Top-coded)</td>
</tr>
<tr>
<td><strong>JWTRNS</strong></td>
<td><strong>Character 2</strong></td>
</tr>
<tr>
<td></td>
<td>Means of transportation to work</td>
</tr>
<tr>
<td>bb</td>
<td>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)</td>
</tr>
<tr>
<td>01</td>
<td>Car, truck, or van</td>
</tr>
<tr>
<td>02</td>
<td>Bus</td>
</tr>
<tr>
<td>03</td>
<td>Subway or elevated rail</td>
</tr>
<tr>
<td>04</td>
<td>Long-distance train or commuter rail</td>
</tr>
<tr>
<td>05</td>
<td>Light rail, streetcar, or trolley</td>
</tr>
<tr>
<td>06</td>
<td>Ferryboat</td>
</tr>
<tr>
<td>07</td>
<td>Taxicab</td>
</tr>
<tr>
<td>08</td>
<td>Motorcycle</td>
</tr>
<tr>
<td>09</td>
<td>Bicycle</td>
</tr>
<tr>
<td>10</td>
<td>Walked</td>
</tr>
<tr>
<td>11</td>
<td>Worked from home</td>
</tr>
<tr>
<td>12</td>
<td>Other method</td>
</tr>
<tr>
<td><strong>LANX</strong></td>
<td><strong>Character 1</strong></td>
</tr>
<tr>
<td></td>
<td>Language other than English spoken at home</td>
</tr>
<tr>
<td>b</td>
<td>N/A (less than 5 years old)</td>
</tr>
<tr>
<td>1</td>
<td>Yes, speaks another language</td>
</tr>
<tr>
<td>2</td>
<td>No, speaks only English</td>
</tr>
<tr>
<td><strong>MAR</strong></td>
<td><strong>Character 1</strong></td>
</tr>
<tr>
<td></td>
<td>Marital status</td>
</tr>
<tr>
<td>1</td>
<td>Married</td>
</tr>
<tr>
<td>2</td>
<td>Widowed</td>
</tr>
<tr>
<td>3</td>
<td>Divorced</td>
</tr>
<tr>
<td>4</td>
<td>Separated</td>
</tr>
<tr>
<td>5</td>
<td>Never married or under 15 years old</td>
</tr>
</tbody>
</table>
MARHD  Character  1
Divorced in the past 12 months
b .N/A (age less than 15 years; never married)
1 .Yes
2 .No

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

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

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

MARHYP  Numeric  4
Year last married
bbbb .N/A (age less than 15 years; never married)
1943 .1943 or earlier (Bottom-coded)
1944 .1944
1945 .1945
1946 .1946
1947 .1947
1948 .1948
1949 .1949
1950 .1950
1951 .1951
1952 .1952
1953 .1953
1954 .1954
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2011 .2011
2012 .2012
2013 .2013
2014 .2014
2015 .2015
2016 .2016
2017 .2017
2018 .2018
2019 .2019
2020 .2020
2021 .2021
2022 .2022

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

OIP  Numeric 6
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 and top-coded)
RELSHIPP Character 2
Relationship
20 .Reference person
21 .Opposite-sex husband/wife/spouse
22 .Opposite-sex unmarried partner
23 .Same-sex husband/wife/spouse
24 .Same-sex unmarried partner
25 .Biological son or daughter
26 .Adopted son or daughter
27 .Stepson or stepdaughter
28 .Brother or sister
29 .Father or mother
30 .Grandchild
31 .Parent-in-law
32 .Son-in-law or daughter-in-law
33 .Other relative
34 .Roommate or housemate
35 .Foster child
36 .Other nonrelative
37 .Institutionalized group quarters population
38 .Noninstitutionalized group quarters population

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

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

SCHG Character 2
Grade level attending
bb .N/A (not attending school)
01 .Nursery school/preschool
02 .Kindergarten
03 .Grade 1
04 .Grade 2
05 .Grade 3
06 .Grade 4
07 .Grade 5
08 .Grade 6
09 .Grade 7
10 .Grade 8
11 .Grade 9
12 .Grade 10
13 .Grade 11
14 .Grade 12
15 .College undergraduate years (freshman to senior)
16 .Graduate or professional school beyond a bachelor's degree
SCHL  Character  2
Educational attainment
bb  .N/A (less than 3 years old)
01  .No schooling completed
02  .Nursery school, preschool
03  .Kindergarten
04  .Grade 1
05  .Grade 2
06  .Grade 3
07  .Grade 4
08  .Grade 5
09  .Grade 6
10  .Grade 7
11  .Grade 8
12  .Grade 9
13  .Grade 10
14  .Grade 11
15  .12th grade - no diploma
16  .Regular high school diploma
17  .GED or alternative credential
18  .Some college, but less than 1 year
19  .1 or more years of college credit, no degree
20  .Associate's degree
21  .Bachelor's degree
22  .Master's degree
23  .Professional degree beyond a bachelor's degree
24  .Doctorate degree

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

SEX  Character  1
Sex
1  .Male
2  .Female

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

SSP  Numeric  5
Social Security income past 12 months (use ADJINC to adjust SSP to constant dollars)
bbbbbb  .N/A (less than 15 years old)
0  .None
4..55000  .$4 to $55000 (Rounded and top-coded)
<table>
<thead>
<tr>
<th>Field</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WAGP</td>
<td>Numeric</td>
<td>Wages or salary income past 12 months (use ADJINC to adjust WAGP to constant dollars)</td>
</tr>
<tr>
<td>WKHP</td>
<td>Numeric</td>
<td>Usual hours worked per week past 12 months</td>
</tr>
<tr>
<td>WKL</td>
<td>Character</td>
<td>When last worked</td>
</tr>
<tr>
<td>WKWN</td>
<td>Numeric</td>
<td>Weeks worked during past 12 months</td>
</tr>
<tr>
<td>WRK</td>
<td>Character</td>
<td>Worked last week</td>
</tr>
<tr>
<td>YOEP</td>
<td>Numeric</td>
<td>Year of entry</td>
</tr>
</tbody>
</table>

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

**WKHP**
- **Numeric 2**
  - Usual hours worked per week past 12 months
  - bb .N/A (less than 16 years old/did not work during the past 12 months)
  - 1..98 .1 to 98 usual hours
  - 99 .99 or more usual hours

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

**WKWN**
- **Numeric 2**
  - Weeks worked during past 12 months
  - bb .N/A (less than 16 years old/did not work during the past 12 months)
  - 1..52 .1 to 52 weeks worked during past 12 months

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

**YOEP**
- **Numeric 4**
  - Year of entry
  - bbbb .N/A (Not eligible - Born in the US)
  - 1934 .1934 or earlier (Bottom-coded)
  - 1935 .1935 - 1938
  - 1939 .1939 - 1942
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<td>215</td>
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Venezuelan
South American
Latin American
Latin
Latino
Puerto Rican
Cuban
Dominican
Hispanic
Spanish
Spanish American
Bahamian
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
Guyanese
Algerian
Egyptian
Libyan
Moroccan
North African
Iranian
Iraqi
Israeli
Jordanian
Lebanese
Saudi Arabian
Syrian
Armenian
Turkish
Yemeni
Kurdish
Palestinian
Assyrian
Chaldean
Mideast
Arab
Arabic
Other Arab
Cameroonian
Cape Verdean
Congolese
Ethiopian
Eritrean
Gambian
Ghanaian
Guinean
Kenyan
Liberian
Nigerian
Senegalese
Sierra Leonean
Somali
South African
Sudanese
Togolese
Other Subsaharan African
Ugandan
Zimbabwean
Western African
African
Afghan
Bangladeshi
Bhutanese
Nepali
Asian Indian
Bengali
East Indian
Punjabi
Pakistani
Sri Lankan
Burmese
Cambodian
Chinese
Cantonese
Mongolian
Tibetan
Hong Kong
Filipino
Indonesian
Japanese
Okinawan
Korean
Laotian
Hmong
Malaysian
Thai
 Taiwanese
Vietnamese
Asian
Other Asian
Australian
New Zealander
Polynesian
Hawaiian
Samoa
Tongan
Micronesian
Guamanian
Chamorro
Marshallese
DECADE Character 1
Decade of entry
b .N/A (Born in the US)
  1 .Before 1950
  2 .1950 - 1959
  3 .1960 - 1969
  4 .1970 - 1979
  5 .1980 - 1989
  6 .1990 - 1999
  7 .2000 - 2009
  8 .2010 or later

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

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

ESP  
**Character 1**

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

ESR  
**Character 1**

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

FODIP  
**Character 4**

Recoded field of degree - first entry
bbbbb .N/A (less than bachelor's degree)
1100 .General Agriculture
1101 .Agriculture Production And Management
1102 .Agricultural Economics
1103 .Animal Sciences
1104 .Food Science
1105 .Plant Science And Agronomy
1106 .Soil Science
1199 .Miscellaneous Agriculture
1301 .Environmental Science
1302 .Forestry
1303 .Natural Resources Management
1401 .Architecture
1501 .Area Ethnic And Civilization Studies
1901 .Communications
1902 .Journalism
1903 .Mass Media
1904 .Advertising And Public Relations
2001 .Communication Technologies
2100 .Computer And Information Systems
2101 .Computer Programming And Data Processing
2102 .Computer Science
2105 .Information Sciences
2106 .Computer Administration Management And Security
2107 .Computer Networking And Telecommunications
2201 .Cosmetology Services And Culinary Arts
2300 .General Education
2301 .Educational Administration And Supervision
2303 .School Student Counseling
2304 .Elementary Education
6004 .Commercial Art And Graphic Design
6005 .Film Video And Photographic Arts
6006 .Art History And Criticism
6007 .Studio Arts
6099 .Miscellaneous Fine Arts
6100 .General Medical And Health Services
6102 .Communication Disorders Sciences And Services
6103 .Health And Medical Administrative Services
6104 .Medical Assisting Services
6105 .Medical Technologies Technicians
6106 .Health And Medical Preparatory Programs
6107 .Nursing
6108 .Pharmacy Pharmaceutical Sciences And Administration
6109 .Treatment Therapy Professions
6110 .Community And Public Health
6199 .Miscellaneous Health Medical Professions
6200 .General Business
6201 .Accounting
6202 .Actuarial Science
6203 .Business Management And Administration
6204 .Operations Logistics And E-Commerce
6205 .Business Economics
6206 .Marketing And Marketing Research
6207 .Finance
6209 .Human Resources And Personnel Management
6210 .International Business
6211 .Hospitality Management
6212 .Management Information Systems And Statistics
6299 .Miscellaneous Business And Medical Administration
6402 .History
6403 .United States History

FOD2P  Character  4
Recoded field of degree - second entry
bbbb .N/A (less than bachelor's degree)
1100 .General Agriculture
1101 .Agriculture Production And Management
1102 .Agricultural Economics
1103 .Animal Sciences
1104 .Food Science
1105 .Plant Science And Agronomy
1106 .Soil Science
1199 .Miscellaneous Agriculture
1301 .Environmental Science
1302 .Forestry
1303 .Natural Resources Management
1401 .Architecture
1501 .Area Ethnic And Civilization Studies
1901 .Communications
1902 .Journalism
1903 .Mass Media
1904 .Advertising And Public Relations
2001 .Communication Technologies
2100 .Computer And Information Systems
2101 .Computer Programming And Data Processing
2102 .Computer Science
2105 .Information Sciences
2106 .Computer Administration Management And Security
2107 .Computer Networking And Telecommunications
2201 .Cosmetology Services And Culinary Arts
2300 .General Education
2301 .Educational Administration And Supervision
2303 .School Student Counseling
2304 .Elementary Education
2305 .Mathematics Teacher Education
2306 .Physical And Health Education Teaching
2307 .Early Childhood Education
2308 .Science And Computer Teacher Education
2309 .Secondary Teacher Education
2310 .Special Needs Education
2311 .Social Science Or History Teacher Education
2312 .Teacher Education: Multiple Levels
2313 .Language And Drama Education
2314 .Art And Music Education
2399 .Miscellaneous Education
2400 .General Engineering
2401 .Aerospace Engineering
2402 .Biological Engineering
2403 .Architectural Engineering
2404 .Biomedical Engineering
2405 .Chemical Engineering
2406 .Civil Engineering
2407 .Computer Engineering
2408 .Electrical Engineering
2409 .Engineering Mechanics Physics And Science
2410 .Environmental Engineering
2411 .Geological And Geophysical Engineering
2412 .Industrial And Manufacturing Engineering
2413 .Materials Engineering And Materials Science
2414 .Mechanical Engineering
2415 .Metallurgical Engineering
2416 .Mining And Mineral Engineering
2417 .Naval Architecture And Marine Engineering
2418 .Nuclear Engineering
2419 .Petroleum Engineering
2499 .Miscellaneous Engineering
2500 .Engineering Technologies
2501 .Engineering And Industrial Management
2502 .Electrical Engineering Technology
2503 .Industrial Production Technologies
2504 .Mechanical Engineering Related Technologies
2599 .Miscellaneous Engineering Technologies
2601 .Linguistics And Comparative Language And Literature
2602 .French German Latin And Other Common Foreign Language Studies
2603 .Other Foreign Languages
2901 .Family And Consumer Sciences
3202 .Pre-Law And Legal Studies
3301 .English Language And Literature
3302 .Composition And Rhetoric
3401 .Liberal Arts
3402 .Humanities
3501 .Library Science
3600 .Biology
3601 .Biochemical Sciences
3602 .Botany
3603 .Molecular Biology
3604 .Ecology
3605 .Genetics
3606 .Microbiology
3607 .Pharmacology
3608 .Physiology
3609 .Zoology
3611 .Neuroscience
3699 .Miscellaneous Biology
3700 .Mathematics
3701 .Applied Mathematics
3702 .Statistics And Decision Science
3801 .Military Technologies
4000 .Multi/Interdisciplinary Studies
4001 .Intercultural And International Studies
4002 .Nutrition Sciences
4005 .Mathematics And Computer Science
4006 .Cognitive Science And Biopsychology
4007 .Interdisciplinary Social Sciences
4101 .Physical Fitness Parks Recreation And Leisure
4801 .Philosophy And Religious Studies
4901 .Theology And Religious Vocations
5000 .Physical Sciences
5001 .Astronomy And Astrophysics
5002 .Atmospheric Sciences And Meteorology
5003 .Chemistry
5004 .Geology And Earth Science
5005 .Geosciences
5006 .Oceanography
5007 .Physics
5008 .Materials Science
5098 .Multi-Disciplinary Or General Science
5102 .Nuclear, Industrial Radiology, And Biological Technologies
5200 .Psychology
5201 .Educational Psychology
5202 .Clinical Psychology
5203 .Counseling Psychology
5205 .Industrial And Organizational Psychology
5206 .Social Psychology
5299 .Miscellaneous Psychology
5301 .Criminal Justice And Fire Protection
5401 .Public Administration
5402 .Public Policy
5403 .Human Services And Community Organization
5404 .Social Work
5500 .General Social Sciences
5501 .Economics
5502 .Anthropology And Archeology
5503 .Criminology
5504 .Geography
5505 .International Relations
5506 .Political Science And Government
5507 .Sociology
5599 .Miscellaneous Social Sciences
5601 .Construction Services
5701 .Electrical, Mechanical, And Precision Technologies And Production
5901 .Transportation Sciences And Technologies
6000 .Fine Arts
6001 .Drama And Theater Arts
6002 .Music
6003 .Visual And Performing Arts
6004 .Commercial Art And Graphic Design
6005 .Film Video And Photographic Arts
6006 .Art History And Criticism
6007 .Studio Arts
6099 .Miscellaneous Fine Arts
6100 .General Medical And Health Services
6102 .Communication Disorders Sciences And Services
6103 .Health And Medical Administrative Services
6104 .Medical Assisting Services
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6205 .Business Economics
6206 .Marketing And Marketing Research
6207 .Finance
6209 .Human Resources And Personnel Management
6210 .International Business
6211 .Hospitality Management
6212 .Management Information Systems And Statistics
6299 .Miscellaneous Business And Medical Administration
6402 .History
6403 .United States History

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

HISP Character 2
Recoded detailed Hispanic origin
01 .Not Spanish/Hispanic/Latino
02 .Mexican
03 .Puerto Rican
04 .Cuban
05 .Dominican
06 .Costa Rican
07 .Guatemalan
08 .Honduran
09 .Nicaraguian
10 .Panamanian
11 .Salvadoran
12 .Other Central American
13 .Argentinean
14 .Bolivian
15 .Chilean
16 .Colombian
17 .Ecuadorian
18 .Paraguayan
19 .Peruvian
20 .Uruguayan
21 .Venezuelan
22 .Other South American
23 .Spaniard
24 .All Other Spanish/Hispanic/Latino

**INDP Character 4**

Industry recode for 2018 and later based on 2017 IND codes

- N/A (less than 16 years old/NILF who last worked more than .5 years ago or never worked)
- 0170 .AGR-Crop Production
- 0180 .AGR-Animal Production And Aquaculture
- 0190 .AGR-Forestry Except Logging
- 0270 .AGR-Logging
- 0280 .AGR-Fishing, Hunting And Trapping
- 0290 .AGR-Support Activities For Agriculture And Forestry
- 0370 .EXT-Oil And Gas Extraction
- 0380 .EXT-Coal Mining
- 0390 .EXT-Metal Ore Mining
- 0470 .EXT-Nonmetallic Mineral Mining And Quarrying
- 0490 .EXT-Support Activities For Mining
- 0570 .UTL-Electric Power Generation, Transmission And Distribution
- 0580 .UTL-Natural Gas Distribution
- 0590 .UTL-Electric And Gas, And Other Combinations
- 0670 .UTL-Water, Steam, Air-Conditioning, And Irrigation Systems
- 0680 .UTL-Sewage Treatment Facilities
- 0690 .UTL-Not Specified Utilities
- 0770 .CON-Construction (The Cleaning Of Buildings And Dwellings Is Incidental During Construction And Immediately After Construction)
- 1070 .MFG-Animal Food, Grain And Oilseed Milling
- 1080 .MFG-Sugar And Confectionery Products
- 1090 .MFG-Fruit And Vegetable Preserving And Specialty Food
- 1170 .MFG-Dairy Product
- 1180 .MFG-Animal Slaughtering And Processing
- 1190 .MFG-Retail Bakeries
- 1270 .MFG-Bakeries And Tortilla, Except Retail Bakeries
- 1280 .MFG-Seafood And Other Miscellaneous Foods, N.E.C.
- 1290 .MFG-Not Specified Food Industries
- 1370 .MFG-Beverage
- 1390 .MFG-Tobacco
- 1470 .MFG-Fiber, Yarn, And Thread Mills
- 1480 .MFG-Fabric Mills, Except Knitting Mills
- 1490 .MFG-Textile And Fabric Finishing And Fabric Coating Mills
- 1570 .MFG-Carpet And Rug Mills
- 1590 .MFG-Textile Product Mills, Except Carpet And Rug
- 1670 .MFG-Knitting Fabric Mills, And Apparel Knitting Mills
- 1691 .MFG-Cut And Sew, And Apparel Accessories And Other Apparel
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
7490 .PRF-Veterinary Services
7570 .PRF-Management Of Companies And Enterprises
7580 .PRF-Employment Services
7590 .PRF-Business Support Services
7670 .PRF-Travel Arrangements And Reservation Services
7680 .PRF-Investigation And Security Services
7690 .PRF-Services To Buildings And Dwellings (Except 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
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8564</td>
<td>.ENT-Independent Artists, Writers, And Performers</td>
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<tr>
<td>8570</td>
<td>.ENT-Museums, Art Galleries, Historical Sites, And Similar Institutions</td>
</tr>
<tr>
<td>8580</td>
<td>.ENT-Bowling Centers</td>
</tr>
<tr>
<td>8590</td>
<td>.ENT-Other Amusement, Gambling, And Recreation Industries</td>
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<tr>
<td>8660</td>
<td>.ENT-Traveler Accommodation</td>
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<tr>
<td>8670</td>
<td>.ENT-Recreational Vehicle Parks And Camps, And Rooming And Boarding Houses, Dormitories, And Workers' Camps</td>
</tr>
<tr>
<td>8680</td>
<td>.ENT-Restaurants And Other Food Services</td>
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<tr>
<td>8690</td>
<td>.ENT-Drinking Places, Alcoholic Beverages</td>
</tr>
<tr>
<td>8770</td>
<td>.SRV-Automotive Repair And Maintenance</td>
</tr>
<tr>
<td>8780</td>
<td>.SRV-Car Washes</td>
</tr>
<tr>
<td>8790</td>
<td>.SRV-Electronic And Precision Equipment Repair And Maintenance</td>
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<tr>
<td>8870</td>
<td>.SRV-Commercial And Industrial Machinery And Equipment Repair And Maintenance</td>
</tr>
<tr>
<td>8891</td>
<td>.SRV-Personal And Household Goods Repair And Maintenance</td>
</tr>
<tr>
<td>8970</td>
<td>.SRV-Barber Shops</td>
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<tr>
<td>8980</td>
<td>.SRV-Beauty Salons</td>
</tr>
<tr>
<td>8990</td>
<td>.SRV-Nail Salons And Other Personal Care Services</td>
</tr>
<tr>
<td>9070</td>
<td>.SRV-Drycleaning And Laundry Services</td>
</tr>
<tr>
<td>9080</td>
<td>.SRV-Funeral Homes, And Cemeteries And Crematories</td>
</tr>
<tr>
<td>9090</td>
<td>.SRV-Other Personal Services</td>
</tr>
<tr>
<td>9160</td>
<td>.SRV-Religious Organizations</td>
</tr>
<tr>
<td>9170</td>
<td>.SRV-Civic, Social, Advocacy Organizations, And Grantmaking And Giving Services</td>
</tr>
<tr>
<td>9180</td>
<td>.SRV-Labor Unions</td>
</tr>
<tr>
<td>9190</td>
<td>.SRV-Business, Professional, Political, And Similar Organizations</td>
</tr>
<tr>
<td>9290</td>
<td>.SRV-Private Households</td>
</tr>
<tr>
<td>9370</td>
<td>.ADM-Executive Offices And Legislative Bodies</td>
</tr>
<tr>
<td>9380</td>
<td>.ADM-Public Finance Activities</td>
</tr>
<tr>
<td>9390</td>
<td>.ADM-Other General Government And Support</td>
</tr>
<tr>
<td>9470</td>
<td>.ADM-Justice, Public Order, And Safety Activities</td>
</tr>
<tr>
<td>9480</td>
<td>.ADM-Administration Of Human Resource Programs</td>
</tr>
<tr>
<td>9490</td>
<td>.ADM-Administration Of Environmental Quality And Housing Programs</td>
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<tr>
<td>9570</td>
<td>.ADM-Administration Of Economic Programs And Space Research</td>
</tr>
<tr>
<td>9590</td>
<td>.ADM-National Security And International Affairs</td>
</tr>
<tr>
<td>9670</td>
<td>.MIL-U.S. Army</td>
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<tr>
<td>9680</td>
<td>.MIL-U.S. Air Force</td>
</tr>
<tr>
<td>9690</td>
<td>.MIL-U.S. Navy</td>
</tr>
<tr>
<td>9770</td>
<td>.MIL-U.S. Marines</td>
</tr>
<tr>
<td>9780</td>
<td>.MIL-U.S. Coast Guard</td>
</tr>
<tr>
<td>9790</td>
<td>.MIL-Armed Forces, Branch Not Specified</td>
</tr>
<tr>
<td>9870</td>
<td>.MIL-Military Reserves Or National Guard</td>
</tr>
<tr>
<td>9920</td>
<td>.Unemployed, With No Work Experience In The Last 5 Years Or Earlier Or Never Worked</td>
</tr>
</tbody>
</table>

**JWAP**

**Character 3**

Time of arrival at work - hour and minute

<table>
<thead>
<tr>
<th>Code</th>
<th>Time Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>bbb</td>
<td>N/A (not a worker; worker who worked from home)</td>
</tr>
<tr>
<td>001</td>
<td>12:00 a.m. to 12:04 a.m.</td>
</tr>
<tr>
<td>002</td>
<td>12:05 a.m. to 12:09 a.m.</td>
</tr>
<tr>
<td>003</td>
<td>12:10 a.m. to 12:14 a.m.</td>
</tr>
<tr>
<td>004</td>
<td>12:15 a.m. to 12:19 a.m.</td>
</tr>
<tr>
<td>005</td>
<td>12:20 a.m. to 12:24 a.m.</td>
</tr>
<tr>
<td>Time</td>
<td>Description</td>
</tr>
<tr>
<td>------------</td>
<td>----------------------</td>
</tr>
<tr>
<td>006 12:25 a.m. to 12:29 a.m.</td>
<td></td>
</tr>
<tr>
<td>007 12:30 a.m. to 12:39 a.m.</td>
<td></td>
</tr>
<tr>
<td>008 12:40 a.m. to 12:44 a.m.</td>
<td></td>
</tr>
<tr>
<td>009 12:45 a.m. to 12:49 a.m.</td>
<td></td>
</tr>
<tr>
<td>010 12:50 a.m. to 12:59 a.m.</td>
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JWDP  Character  3
Time of departure for work - hour and minute
bbb .N/A (not a worker; worker who worked from home)
001 .12:00 a.m. to 12:29 a.m.
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**LANP**

**Character 4**

Language spoken at home

b b b b . 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
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**MIGPUMA Character 5**

Migration PUMA based on 2020 Census definition
b b b b b . N / A (person less than 1 year old/lived in same house 1 year ago)
0 0 0 0 1 . Did not live in the United States or in Puerto Rico one year ago
0 0 0 0 2 . Lived in Puerto Rico one year ago and current residence is in the U.S.
0 0 1 0 0 . . 8 1 0 0 0 . Assigned Migration PUMA. Use with MIGSP.

MIGSP

Character 3
Migration recode - State or foreign country code
b b b . N / A (person less than 1 year old/lived in same house 1 year ago)
0 0 1 . Alabama/AL
0 0 2 . Alaska/AK
0 0 4 . Arizona/AZ
0 0 5 . Arkansas/AR
0 0 6 . California/CA
0 0 8 . Colorado/CO
0 0 9 . Connecticut/CT
0 1 0 . Delaware/DE
0 1 1 . District of Columbia/DC
0 1 2 . Florida/FL
0 1 3 . Georgia/GA
0 1 5 . Hawaii/HI
0 1 6 . Idaho/ID
0 1 7 . Illinois/IL
0 1 8 . Indiana/IN
0 1 9 . Iowa/IA
0 2 0 . Kansas/KS
0 2 1 . Kentucky/KY
0 2 2 . Louisiana/LA
0 2 3 . Maine/ME
0 2 4 . Maryland/MD
0 2 5 . Massachusetts/MA
0 2 6 . Michigan/MI
0 2 7 . Minnesota/MN
0 2 8 . Mississippi/MS
0 2 9 . Missouri/MO
0 3 0 . Montana/MT
0 3 1 . Nebraska/NE
0 3 2 . Nevada/NV
0 3 3 . New Hampshire/NH
0 3 4 . New Jersey/NJ
0 3 5 . New Mexico/NM
0 3 6 . New York/NY
0 3 7 . North Carolina/NC
0 3 8 . North Dakota/ND
0 3 9 . Ohio/OH
0 4 0 . Oklahoma/OK
0 4 1 . Oregon/OR
0 4 2 . Pennsylvania/PA
0 4 4 . Rhode Island/RI
0 4 5 . South Carolina/SC
0 4 6 . South Dakota/SD
0 4 7 . Tennessee/TN
0 4 8 . Texas/TX
0 4 9 . Utah/UT
050  .Vermont/VT
051  .Virginia/VA
053  .Washington/WA
054  .West Virginia/WV
055  .Wisconsin/WI
056  .Wyoming/WY
072  .Puerto Rico
109  .France
110  .Germany
111  .Northern Europe, Not Specified
113  .Eastern Europe, Not Specified
114  .Western Europe or Other Europe, Not Specified
120  .Italy
134  .Spain
138  .United Kingdom, Excluding England
139  .England
163  .Russia
164  .Ukraine
200  .Afghanistan
207  .China, Hong Kong, Macau And Paracel Islands
210  .India
214  .Israel
215  .Japan
217  .Korea
229  .Nepal
231  .Pakistan
233  .Philippines
235  .Saudi Arabia
240  .Taiwan
242  .Thailand
243  .Turkey
245  .United Arab Emirates
247  .Vietnam
251  .Eastern Asia, Not Specified
252  .Western Asia, Not Specified
253  .South Central Asia or Asia, Not Specified
301  .Canada
303  .Mexico
312  .El Salvador
313  .Guatemala
314  .Honduras
317  .Central America, Not Specified
327  .Cuba
329  .Dominican Republic
332  .Haiti
333  .Jamaica
344  .Caribbean and North America, Not Specified
362  .Brazil
364  .Colombia
365  .Ecuador
370  .Peru
373  .Venezuela
374  .South America, Not Specified
414  .Egypt
416  .Ethiopia
427  .Kenya
440  .Nigeria

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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
bbb bbb N/A (less than 16 years old/NILF who last worked more
than 5 years ago or never worked)
111 AGR-Crop Production
112 AGR-Animal Production And Aquaculture
113 AGR-Logging
113M AGR-Forestry Except Logging
114 AGR-Fishing, Hunting And Trapping
115 AGR-Support Activities For Agriculture And Forestry
211 EXT-Oil And Gas Extraction
2121 EXT-Coal Mining
2122 EXT-Metal Ore Mining
2123 EXT-Nonmetallic Mineral Mining And Quarrying
213 EXT-Support Activities For Mining
2211P UTL-Electric Power Generation, Transmission And
Distribution
2212P UTL-Natural Gas Distribution
22132 UTL-Sewage Treatment Facilities
2213M UTL-Water, Steam, Air-Conditioning, And Irrigation
Systems
221MP UTL-Electric And Gas, And Other Combinations
22S UTL-Not Specified Utilities
23 CON-Construction (The Cleaning Of Buildings And
Dwellings Is Incidental During Construction And
Immediately After Construction)
3113 MFG-Sugar And Confectionery Products
3114 MFG-Fruit And Vegetable Preserving And Specialty Food
3115 MFG-Dairy Product
3116 MFG-Animal Slaughtering And Processing
311811 MFG-Retail Bakeries
3118Z MFG-Bakeries And Tortilla, Except Retail Bakeries
311M1 MFG-Animal Food, Grain And Oilseed Milling
311M2 MFG-Seafood And Other Miscellaneous Foods, N.E.C.
311S MFG-Not Specified Food Industries
3121 MFG-Beverage
3122 MFG-Tobacco
3131 MFG-Fiber, Yarn, And Thread Mills
3132Z MFG-Fabric Mills, Except Knitting Mills
82
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<tr>
<th>Code</th>
<th>Description</th>
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<tr>
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<td>.RET-Lawn And Garden Equipment And Supplies Stores</td>
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<tr>
<td>44511</td>
<td>.RET-Supermarkets And Other Grocery (Except Convenience) And Supplies Stores</td>
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<td>44512</td>
<td>.RET-Convenience Stores</td>
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<tr>
<td>4452</td>
<td>.RET-Specialty Food Stores</td>
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<td>4453</td>
<td>.RET-Beer, Wine, And Liquor Stores</td>
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<td>44611</td>
<td>.RET-Pharmacies And Drug Stores</td>
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<td>4462</td>
<td>.RET-Health And Personal Care, Except Drug, Stores</td>
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<td>.RET-Book Stores And News Dealers</td>
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<td>.RET-General Merchandise Stores, Including Warehouse And Supercenters</td>
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<td>.RET-Office Supplies And Stationery Stores</td>
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<td>.RET-Gift, Novelty, And Souvenir Shops</td>
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<td>.RET-Electronic Shopping And Mail-Order Houses</td>
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<td>.TRN-Taxi And Limousine Service</td>
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<td>.TRN-Postal Service</td>
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<td>.TRN-Couriers And Messengers</td>
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<td>.TRN-Warehousing And Storage</td>
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<td>51112</td>
<td>.INF-Periodical, Book, And Directory Publishers</td>
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<td>5112</td>
<td>.INF-Software Publishers</td>
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<td>5121</td>
<td>.INF-Motion Pictures And Video Industries</td>
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<td>5122</td>
<td>.INF-Sound Recording Industries</td>
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<td>515</td>
<td>.INF-Broadcasting (Except Internet)</td>
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<td>.INF-Telecommunications, Except Wired Telecommunications And Carriers</td>
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<td>5182</td>
<td>.INF-Data Processing, Hosting, And Related Services</td>
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<td>51912</td>
<td>.INF-Libraries And Archives</td>
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<td>51913</td>
<td>.INF-Internet Publishing And Broadcasting And Web Search And Portals</td>
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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)
0. No
1. Yes

OCCP Character 4
Occupation recode for 2018 and later based on 2018 OCC codes
bbbb .N/A (less than 16 years old/NILF who last worked more than .5 years ago or never worked)
0010 .MGR-Chief Executives And Legislators
0020 .MGR-General And Operations Managers
0040 .MGR-Advertising And Promotions Managers
0051 .MGR-Marketing Managers
0052 .MGR-Sales Managers
0060 .MGR-Public Relations And Fundraising Managers
0101 .MGR-Administrative Services Managers
0102 .MGR-Facilities Managers
0110 .MGR-Computer And Information Systems Managers
0120 .MGR-Financial Managers
0135 .MGR-Compensation And Benefits Managers
0136 .MGR-Human Resources Managers
0137 .MGR-Training And Development Managers
0140 .MGR-Industrial Production Managers
0150 .MGR-Purchasing Managers
0160 .MGR-Transportation, Storage, And Distribution Managers
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<td>0230</td>
<td>Education And Childcare Administrators</td>
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<td>Architectural And Engineering Managers</td>
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<td>Food Service Managers</td>
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<td>Entertainment and Recreation Managers</td>
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<td>Medical And Health Services Managers</td>
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<td>Property, Real Estate, And Community Association Managers</td>
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<td>Social And Community Service Managers</td>
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<td>Emergency Management Directors</td>
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<td>Other Managers</td>
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<td>Wholesale And Retail Buyers, Except Farm Products</td>
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<tr>
<td>0530</td>
<td>Purchasing Agents, Except Wholesale, Retail, And Farm Products</td>
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<tr>
<td>0540</td>
<td>Claims Adjusters, Appraisers, Examiners, And Investigators</td>
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<td>Compliance Officers</td>
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<td>Cost Estimators</td>
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<td>Web And Digital Interface Designers</td>
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<td>Network And Computer Systems Administrators</td>
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1106 .CMM-Computer Network Architects
1108 .CMM-Computer Occupations, All Other
1200 .CMM-Actuaries
1220 .CMM-Operations Research Analysts
1240 .CMM-Other Mathematical Science Occupations
1305 .ENG-Architects, Except Landscape And Naval
1306 .ENG-Landscape Architects
1310 .ENG-Surveyors, Cartographers, And Photogrammetrists
1320 .ENG-Aerospace Engineers
1340 .ENG-Biomedical And Agricultural Engineers
1350 .ENG-Chemical Engineers
1360 .ENG-Civil Engineers
1400 .ENG-Computer Hardware Engineers
1410 .ENG-Electrical And Electronics Engineers
1420 .ENG-Environmental Engineers
1430 .ENG-Industrial Engineers, Including Health And Safety
1440 .ENG-Marine Engineers And Naval Architects
1450 .ENG-Materials Engineers
1460 .ENG-Mechanical Engineers
1520 .ENG-Petroleum, Mining And Geological Engineers, Including .Mining Safety Engineers
1530 .ENG-Other Engineers
1541 .ENG-Architectural And Civil Drafters
1545 .ENG-Other Drafters
1551 .ENG-Electrical And Electronic Engineering Technologists And .Technicians
1555 .ENG-Other Engineering Technologists And Technicians, Except .Drafters
1560 .ENG-Surveying And Mapping Technicians
1600 .SCI-Agricultural And Food Scientists
1610 .SCI-Biological Scientists
1640 .SCI-Conservation Scientists And Foresters
1650 .SCI-Other Life Scientists
1700 .SCI-Astronomers And Physicists
1710 .SCI-Atmospheric And Space Scientists
1720 .SCI-Chemists And Materials Scientists
1745 .SCI-Environmental Scientists And Specialists, Including .Health
1750 .SCI-Geoscientists And Hydrologists, Except Geographers
1760 .SCI-Physical Scientists, All Other
1800 .SCI-Economists
1821 .SCI-Clinical And Counseling Psychologists
1822 .SCI-School Psychologists
1825 .SCI-Other Psychologists
1840 .SCI-Urban And Regional Planners
1860 .SCI-Other Social Scientists
1900 .SCI-Agricultural And Food Science Technicians
1910 .SCI-Biological Technicians
1920 .SCI-Chemical Technicians
1935 .SCI-Environmental Science And Geoscience Technicians, And .Nuclear Technicians
1970 .SCI-Other Life, Physical, And Social Science Technicians
1980 .SCI-Occupational Health And Safety Specialists and .Technicians
2001 .CMS-Substance Abuse And Behavioral Disorder Counselors
2002 .CMS-Educational, Guidance, And Career Counselors And .Advisors
2003 .CMS-Marriage And Family Therapists
2004 .CMS-Mental Health Counselors
2005 .CMS-Rehabilitation Counselors
2006 .CMS-Counselors, All Other
2011 .CMS-Child, Family, And School Social Workers
2012 .CMS-Healthcare Social Workers
2013 .CMS-Mental Health And Substance Abuse Social Workers
2014 .CMS-Social Workers, All Other
2015 .CMS-Probation Officers And Correctional Treatment Specialists
2016 .CMS-Social And Human Service Assistants
2025 .CMS-Other Community and Social Service Specialists
2040 .CMS-Clergy
2050 .CMS-Directors, Religious Activities And Education
2060 .CMS-Religious Workers, All Other
2100 .LGL-Lawyers, And Judges, Magistrates, And Other Judicial Workers
2105 .LGL-Judicial Law Clerks
2145 .LGL-Paralegals And Legal Assistants
2170 .LGL-Title Examiners, Abstractors, and Searchers
2180 .LGL-Legal Support Workers, All Other
2205 .EDU-Postsecondary Teachers
2300 .EDU-Preschool And Kindergarten Teachers
2310 .EDU-Elementary And Middle School Teachers
2320 .EDU-Secondary School Teachers
2330 .EDU-Special Education Teachers
2350 .EDU-Tutors
2360 .EDU-Other Teachers and Instructors
2400 .EDU-Archivists, Curators, And Museum Technicians
2435 .EDU-Librarians And Media Collections Specialists
2440 .EDU-Library Technicians
2545 .EDU-Teaching Assistants
2555 .EDU-Other Educational Instruction and Library Workers
2600 .ENT-Artists And Related Workers
2631 .ENT-Commercial And Industrial Designers
2632 .ENT-Fashion Designers
2633 .ENT-Floral Designers
2634 .ENT-Graphic Designers
2635 .ENT-Interior Designers
2636 .ENT-Merchandise Displayers And Window Trimmers
2640 .ENT-Other Designers
2700 .ENT-Actors
2710 .ENT-Producers And Directors
2721 .ENT-Athletes and Sports Competitors
2722 .ENT-Coaches and Scouts
2723 .ENT-Umpires, Referees, And Other Sports Officials
2740 .ENT-Dancers And Choreographers
2751 .ENT-Music Directors and Composers
2752 .ENT-Musicians and Singers
2755 .ENT-Disc Jockeys, Except Radio
2770 .ENT-Entertainers And Performers, Sports and Related Workers, All Other
2805 .ENT-Broadcast Announcers And Radio Disc Jockeys
2810 .ENT-News Analysts, Reporters, And Journalists
2825 .ENT-Public Relations Specialists
2830 .ENT-Editors
2840 .ENT-Technical Writers
91
3620 .HLS-Physical Therapist Assistants And Aides
3630 .HLS-Massage Therapists
3640 .HLS-Dental Assistants
3645 .HLS-Medical Assistants
3646 .HLS-Medical Transcriptionists
3647 .HLS-Pharmacy Aides
3648 .HLS-Veterinary Assistants And Laboratory Animal Caretakers
3649 .HLS-Phlebotomists
3655 .HLS-Other Healthcare Support Workers
3700 .PRT-First-Line Supervisors Of Correctional Officers
3710 .PRT-First-Line Supervisors Of Police And Detectives
3720 .PRT-First-Line Supervisors Of Firefighting And Prevention
Workers
3725 .PRT-Miscellaneous First-Line Supervisors, Protective
Service Workers
3740 .PRT-Firefighters
3750 .PRT-Fire Inspectors
3801 .PRT-Bailiffs
3802 .PRT-Correctional Officers and Jailers
3820 .PRT-Detectives And Criminal Investigators
3840 .PRT-Fish And Game Wardens And Parking Enforcement Officers
3870 .PRT-Police Officers
3900 .PRT-Animal Control Workers
3910 .PRT-Private Detectives And Investigators
3930 .PRT-Security Guards And Gambling Surveillance Officers
3940 .PRT-Crossing Guards And Flaggers
3945 .PRT-Transportation Security Screeners
3946 .PRT-School Bus Monitors
3960 .PRT-Other Protective Service Workers
4000 .EAT-Chefs And Head Cooks
4010 .EAT-First-Line Supervisors Of Food Preparation And Serving
Workers
4020 .EAT-Cooks
4030 .EAT-Food Preparation Workers
4040 .EAT-Bartenders
4055 .EAT-Fast Food And Counter Workers
4110 .EAT-Waiters And Waitresses
4120 .EAT-Food Servers, Nonrestaurant
4130 .EAT-Dining Room And Cafeteria Attendants And Bartender
Helpers
4140 .EAT-Dishwashers
4150 .EAT-Hosts And Hostesses, Restaurant, Lounge, And Coffee
Shop
4160 .EAT-Food Preparation and Serving Related Workers, All Other
4200 .CLN-First-Line Supervisors Of Housekeeping And Janitorial
Workers
4210 .CLN-First-Line Supervisors Of Landscaping, Lawn Service,
And Groundskeeping Workers
4220 .CLN-Janitors And Building Cleaners
4230 .CLN-Maids And Housekeeping Cleaners
4240 .CLN- Pest Control Workers
4251 .CLN-Landscaping And Groundskeeping Workers
4252 .CLN-Tree Trimmers and Pruners
4255 .CLN-Other Grounds Maintenance Workers
4330 .PRS-Supervisors Of Personal Care And Service Workers
4340 .PRS-Animal Trainers
4350 .PRS-Animal Caretakers
4400 .PRS-Gambling Services Workers
4420 .PRS-Ushers, Lobby Attendants, And Ticket Takers
4435 .PRS-Other Entertainment Attendants And Related Workers
4461 .PRS-Embalmers, Crematory Operators And Funeral Attendants
4465 .PRS-Morticians, Undertakers, And Funeral Arrangers
4500 .PRS-Barbers
4510 .PRS-Hairdressers, Hairstylists, And Cosmetologists
4521 .PRS-Manicurists And Pedicurists
4522 .PRS-Skincare Specialists
4525 .PRS-Other Personal Appearance Workers
4530 .PRS-Baggage Porters, Bellhops, And Concierges
4540 .PRS-Tour And Travel Guides
4550 .PRS-Childcare Workers
4560 .PRS-Exercise Trainers And Group Fitness Instructors
4570 .PRS-Recreation Workers
4580 .PRS-Residential Advisors
4595 .PRS-Personal Care and Service Workers, All Other
4700 .SAL-First-Line Supervisors Of Retail Sales Workers
4710 .SAL-First-Line Supervisors Of Non-Retail Sales Workers
4720 .SAL-Cashiers
4740 .SAL-Counter And Rental Clerks
4750 .SAL-Parts Salespersons
4760 .SAL-Retail Salespersons
4800 .SAL-Advertising Sales Agents
4810 .SAL-Insurance Sales Agents
4820 .SAL-Securities, Commodities, And Financial Services Sales Agents
4830 .SAL-Travel Agents
4840 .SAL-Sales Representatives Of Services, Except Advertising, Insurance, Financial Services, And Travel
4850 .SAL-Sales Representatives, Wholesale And Manufacturing
4900 .SAL-Models, Demonstrators, And Product Promoters
4920 .SAL-Real Estate Brokers And Sales Agents
4930 .SAL-Sales Engineers
4940 .SAL-Telemarketers
4950 .SAL-Door-To-Door Sales Workers, News And Street Vendors, And Related Workers
4965 .SAL-Sales And Related Workers, All Other
5000 .OFF-First-Line Supervisors Of Office And Administrative Support Workers
5010 .OFF-Switchboard Operators, Including Answering Service
5020 .OFF-Telephone Operators
5040 .OFF-Communications Equipment Operators, All Other
5100 .OFF-Bill And Account Collectors
5110 .OFF-Billing And Posting Clerks
5120 .OFF-Bookkeeping, Accounting, And Auditing Clerks
5140 .OFF-Payroll And Timekeeping Clerks
5150 .OFF-Procurement Clerks
5160 .OFF-Tellers
5165 .OFF-Other Financial Clerks
5220 .OFF-Court, Municipal, And License Clerks
5230 .OFF-Credit Authorizers, Checkers, And Clerks
5240 .OFF-Customer Service Representatives
5250 .OFF-Eligibility Interviewers, Government Programs
5260 .OFF-File Clerks
5300 .OFF-Hotel, Motel, And Resort Desk Clerks
5310 .OFF-Interviewers, Except Eligibility And Loan
<table>
<thead>
<tr>
<th>Code</th>
<th>Category</th>
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<tbody>
<tr>
<td>5320</td>
<td>OFF-Library Assistants, Clerical</td>
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<td>5330</td>
<td>OFF-Loan Interviewers And Clerks</td>
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<tr>
<td>5340</td>
<td>OFF-New Accounts Clerks</td>
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<tr>
<td>5350</td>
<td>OFF-Correspondence Clerks And Order Clerks</td>
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<tr>
<td>5360</td>
<td>OFF-Human Resources Assistants, Except Payroll And Timekeeping</td>
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<tr>
<td>5400</td>
<td>OFF-Receptionists And Information Clerks</td>
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<tr>
<td>5410</td>
<td>OFF-Reservation And Transportation Ticket Agents And Travel Clerks</td>
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<tr>
<td>5420</td>
<td>OFF-Other Information And Records Clerks</td>
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<tr>
<td>5500</td>
<td>OFF-Cargo And Freight Agents</td>
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<tr>
<td>5510</td>
<td>OFF-Couriers And Messengers</td>
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<td>5521</td>
<td>OFF-Public Safety Telecommunicators</td>
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<td>5522</td>
<td>OFF-Dispatchers, Except Police, Fire, And Ambulance</td>
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<td>5530</td>
<td>OFF-Meter Readers, Utilities</td>
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<td>5540</td>
<td>OFF-Postal Service Clerks</td>
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<td>5550</td>
<td>OFF-Postal Service Mail Carriers</td>
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<td>5560</td>
<td>OFF-Postal Service Mail Sorters, Processors, And Processing Machine Operators</td>
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<tr>
<td>5600</td>
<td>OFF-Production, Planning, And Expediting Clerks</td>
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<td>5610</td>
<td>OFF-Shipping, Receiving, And Inventory Clerks</td>
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<td>5630</td>
<td>OFF-Weighers, Measurers, Checkers, And Samplers, Recordkeeping</td>
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<td>5710</td>
<td>OFF-Executive Secretaries And Executive Administrative Assistants</td>
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<td>5720</td>
<td>OFF-Legal Secretaries and Administrative Assistants</td>
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<td>5730</td>
<td>OFF-Medical Secretaries and Administrative Assistants</td>
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<td>5740</td>
<td>OFF-Secretaries And Administrative Assistants, Except Legal, Medical, And Executive</td>
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<td>5810</td>
<td>OFF-Data Entry Keyers</td>
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<td>5820</td>
<td>OFF-Word Processors And Typists</td>
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<td>5840</td>
<td>OFF-Insurance Claims And Policy Processing Clerks</td>
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<td>5850</td>
<td>OFF-Mail Clerks And Mail Machine Operators, Except Postal Service</td>
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<tr>
<td>5860</td>
<td>OFF-Office Clerks, General</td>
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<tr>
<td>5900</td>
<td>OFF-Office Machine Operators, Except Computer</td>
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<tr>
<td>5910</td>
<td>OFF-Proofreaders And Copy Markers</td>
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<tr>
<td>5920</td>
<td>OFF-Statistical Assistants</td>
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<td>5940</td>
<td>OFF-Other Office And Administrative Support Workers</td>
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<tr>
<td>6005</td>
<td>FFF-First-Line Supervisors Of Farming, Fishing, And Forestry Workers</td>
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<tr>
<td>6010</td>
<td>FFF-Agricultural Inspectors</td>
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<tr>
<td>6040</td>
<td>FFF-Graders And Sorters, Agricultural Products</td>
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<tr>
<td>6050</td>
<td>FFF-Other Agricultural Workers</td>
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<tr>
<td>6115</td>
<td>FFF-Fishing And Hunting Workers</td>
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<tr>
<td>6120</td>
<td>FFF-Forest And Conservation Workers</td>
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<tr>
<td>6130</td>
<td>FFF-Logging Workers</td>
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<tr>
<td>6200</td>
<td>CON-First-Line Supervisors Of Construction Trades And Extraction Workers</td>
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<tr>
<td>6210</td>
<td>CON-Boilermakers</td>
</tr>
<tr>
<td>6220</td>
<td>CON-Brickmasons, Blockmasons, Stonemasons, And Reinforcing Iron And Rebar Workers</td>
</tr>
<tr>
<td>6230</td>
<td>CON-Carpenters</td>
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<tr>
<td>6240</td>
<td>CON-Carpet, Floor, And Tile Installers And Finishers</td>
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<tr>
<td>6250</td>
<td>CON-Cement Masons, Concrete Finishers, And Terrazzo Workers</td>
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<tr>
<td>6260</td>
<td>CON-Construction Laborers</td>
</tr>
<tr>
<td>6305</td>
<td>CON-Construction Equipment Operators</td>
</tr>
</tbody>
</table>
6330 .CON-Drywall Installers, Ceiling Tile Installers, And Tapers
6355 .CON-Electricians
6360 .CON-Glaziers
6400 .CON-Insulation Workers
6410 .CON-Painters and Paperhangers
6441 .CON-Pipelayers
6442 .CON-Plumbers, Pipefitters, And Steamfitters
6460 .CON-Plasterers And Stucco Masons
6515 .CON-Roofers
6520 .CON-Sheet Metal Workers
6530 .CON-Structural Iron And Steel Workers
6540 .CON-Solar Photovoltaic Installers
6600 .CON-Helpers, Construction Trades
6660 .CON-Construction And Building Inspectors
6700 .CON-Elevator And Escalator Installers And Repairers
6710 .CON-Fence Erectors
6720 .CON-Hazardous Materials Removal Workers
6730 .CON-Highway Maintenance Workers
6740 .CON-Rail-Track Laying And Maintenance Equipment Operators
6765 .CON-Other Construction And Related Workers
6800 .EXT-Derrick, Rotary Drill, And Service Unit Operators, And
. Roustabouts, Oil And Gas
6825 .EXT-Surface Mining Machine Operators And Earth Drillers
6835 .EXT-Explosives Workers, Ordnance Handling Experts, and
. Blasters
6850 .EXT-Underground Mining Machine Operators
6950 .EXT-Other Extraction Workers
7000 .RPR-First-Line Supervisors Of Mechanics, Installers, And
. Repairers
7010 .RPR-Computer, Automated Teller, And Office Machine
. Repairers
7020 .RPR-Other Electrical And Electronic Equipment Mechanics,
. Installers, And Repairers
7030 .RPR-Avionics Technicians
7040 .RPR-Electric Motor, Power Tool, And Related Repairers
7100 .RPR-Other Electrical And Electronic Equipment Mechanics,
. Installers, And Repairers
7120 .RPR-Audiovisual Equipment Installers And Repairers
7130 .RPR-Security And Fire Alarm Systems Installers
7140 .RPR-Aircraft Mechanics And Service Technicians
7150 .RPR-Automotive Body And Related Repairers
7160 .RPR-Automotive Glass Installers And Repairers
7200 .RPR-Automotive Service Technicians And Mechanics
7210 .RPR-Bus And Truck Mechanics And Diesel Engine Specialists
7220 .RPR-Heavy Vehicle And Mobile Equipment Service Technicians
. And Mechanics
7240 .RPR-Small Engine Mechanics
7260 .RPR-Miscellaneous Vehicle And Mobile Equipment Mechanics,
. Installers, And Repairers
7300 .RPR-Control And Valve Installers And Repairers
7315 .RPR-Heating, Air Conditioning, And Refrigeration Mechanics
. And Installers
7320 .RPR-Home Appliance Repairers
7330 .RPR-Industrial And Refractory Machinery Mechanics
7340 .RPR-Maintenance And Repair Workers, General
7350 .RPR-Maintenance Workers, Machinery
7360 .RPR-Millwrights
7410 .RPR-Electrical Power-Line Installers And Repairers
7420 .RPR-Telecommunications Line Installers And Repairers
7430 .RPR-Precision Instrument And Equipment Repairers
7510 .RPR-Coin, Vending, And Amusement Machine Servicers And Repairers
7540 .RPR-Locksmiths And Safe Repairers
7610 .RPR-Helpers--Installation, Maintenance, And Repair Workers
7640 .RPR-Other Installation, Maintenance, And Repair Workers
7700 .PRD-First-Line Supervisors Of Production And Operating Workers
7720 .PRD-Electrical, Electronics, And Electromechanical Assemblers
7730 .PRD-Engine And Other Machine Assemblers
7740 .PRD-Structural Metal Fabricators And Fitters
7750 .PRD-Other Assemblers And Fabricators
7800 .PRD-Bakers
7810 .PRD-Butchers And Other Meat, Poultry, And Fish Processing Workers
7830 .PRD-Food And Tobacco Roasting, Baking, And Drying Machine Operators And Tenders
7840 .PRD-Food Batchmakers
7850 .PRD-Food Cooking Machine Operators And Tenders
7855 .PRD-Food Processing Workers, All Other
7905 .PRD-Computer Numerically Controlled Tool Operators And Programmers
7925 .PRD-Forming Machine Setters, Operators, And Tenders, Metal And Plastic
7950 .PRD-Cutting, Punching, And Press Machine Setters, Operators, And Tenders, Metal And Plastic
8000 .PRD-Grinding, Lapping, Polishing, And Buffing Machine Tool Setters, Operators, And Tenders, Metal And Plastic
8025 .PRD-Other Machine Tool Setters, Operators, And Tenders, Metal And Plastic
8030 .PRD-Machinists
8040 .PRD-Metal Furnace Operators, Tenders, Pourers, And Casters
8100 .PRD-Model Makers, Patternmakers, And Molding Machine Setters, Metal And Plastic
8130 .PRD-Tool And Die Makers
8140 .PRD-Welding, Soldering, And Brazing Workers
8225 .PRD-Other Metal Workers And Plastic Workers
8250 .PRD-Prepress Technicians And Workers
8255 .PRD-Printing Press Operators
8256 .PRD-Print Binding And Finishing Workers
8300 .PRD-Laundry And Dry-Cleaning Workers
8310 .PRD-Pressers, Textile, Garment, And Related Materials
8320 .PRD-Sewing Machine Operators
8335 .PRD-Shoe And Leather Workers
8350 .PRD-Tailors, Dressmakers, And Sewers
8365 .PRD-Textile Machine Setters, Operators, And Tenders
8450 .PRD-Upholsterers
8465 .PRD-Other Textile, Apparel, And Furnishings Workers
8500 .PRD-Cabinetmakers And Bench Carpenters
8510 .PRD-Furniture Finishers
8530 .PRD-Sawing Machine Setters, Operators, And Tenders, Wood
8540 .PRD-Woodworking Machine Setters, Operators, And Tenders, Except Sawing
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>8555</td>
<td>.PRD-Other Woodworkers</td>
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<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>
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<tr>
<td>8620</td>
<td>.PRD-Water And Wastewater Treatment Plant And System Operators</td>
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<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>
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<tr>
<td>8650</td>
<td>.PRD-Crushing, Grinding, Polishing, Mixing, And Blending Workers</td>
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<tr>
<td>8710</td>
<td>.PRD-Cutting Workers</td>
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<tr>
<td>8720</td>
<td>.PRD-Extruding, Forming, Pressing, And Compacting Machine Setters, Operators, And Tenders</td>
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<tr>
<td>8730</td>
<td>.PRD-Furnace, Kiln, Oven, Drier, And Kettle Operators And Tenders</td>
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<td>8740</td>
<td>.PRD-Inspectors, Testers, Sorters, Samplers, And Weighers</td>
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<tr>
<td>8750</td>
<td>.PRD-Jewelers And Precious Stone And Metal Workers</td>
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<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>8810</td>
<td>.PRD-Painting Workers</td>
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<tr>
<td>8830</td>
<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>8910</td>
<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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<td>.PRD-Paper Goods Machine Setters, Operators, And Tenders</td>
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<td>.PRD-Tire Builders</td>
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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>9005</td>
<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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<td>9040</td>
<td>.TRN-Air Traffic Controllers And Airfield Operations Specialists</td>
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<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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<td>9121</td>
<td>.TRN-Bus Drivers, School</td>
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<td>9122</td>
<td>.TRN-Bus Drivers, Transit And Intercity</td>
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<td>.TRN-Driver/Sales Workers And Truck Drivers</td>
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<td>.TRN-Shuttle Drivers And Chauffeurs</td>
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<td>.TRN-Taxi Drivers</td>
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<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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<tr>
<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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<tr>
<td>9300</td>
<td>.TRN-Sailors And Marine Oilers, And Ship Engineers</td>
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<td>9310</td>
<td>.TRN-Ship And Boat Captains And Operators</td>
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<td>.TRN-Transportation Service Attendants</td>
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<td>.TRN-Transportation Inspectors</td>
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<td>.TRN-Passenger Attendants</td>
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<td>9430</td>
<td>.TRN-Other Transportation Workers</td>
</tr>
<tr>
<td>9510</td>
<td>.TRN-Crane And Tower Operators</td>
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<tr>
<td>9570</td>
<td>.TRN-Conveyor, Dredge, And Hoist and Winch Operators</td>
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9600 .TRN-Industrial Truck And Tractor Operators
9610 .TRN-Cleaners Of Vehicles And Equipment
9620 .TRN-Laborers And Freight, Stock, And Material Movers, Hand
9630 .TRN-Machine Feeders And Offbearers
9640 .TRN-Packers And Packagers, Hand
9645 .TRN-Stockers And Order Fillers
9650 .TRN-Pumping Station Operators
9720 .TRN-Refuse And Recyclable Material Collectors
9760 .TRN-Other Material Moving Workers
9800 .MIL-Military Officer Special And Tactical Operations
9810 .MIL-First-Line Enlisted Military Supervisors
9825 .MIL-Military Enlisted Tactical Operations And Air/Weapons
9830 .MIL-Military, Rank Not Specified
9920 .Unemployed, With No Work Experience In The Last 5 Years Or
9 .Earlier Or Never Worked

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

PERNP  Numeric  7
Total person's earnings (use ADJINC to adjust to constant dollars)
bbbbbb .N/A (less than 16 years old)
0 .No earnings
-10000 .Loss of $10000 or more (Rounded and bottom-coded components)
-9999..-1 .Loss $1 to $9999 (Rounded components)
1..1999998 .$1 to $1999998 (Rounded and top-coded components)

PINCP  Numeric  7
Total person's income (use ADJINC to adjust to constant dollars)
bbbbbb .N/A (less than 15 years old)
0 .None
-19998 .Loss of $19998 or more (Rounded and bottom-coded components)
-19997..-1 .Loss $1 to $19997 (Rounded components)
1..4209995 .$1 to $4209995 (Rounded and top-coded components)

POBP  Character  3
Place of birth (Recode)
001 .Alabama/AL
002 .Alaska/AK
004 .Arizona/AZ
005 .Arkansas/AR
006 .California/CA
008 .Colorado/CO
009 .Connecticut/CT
010 .Delaware/DE
116 .Greece
117 .Hungary
118 .Iceland
119 .Ireland
120 .Italy
126 .Netherlands
127 .Norway
128 .Poland
129 .Portugal
130 .Azores Islands
132 .Romania
134 .Spain
136 .Sweden
137 .Switzerland
138 .United Kingdom, Not Specified
139 .England
140 .Scotland
142 .Northern Ireland
147 .Yugoslavia
148 .Czech Republic
149 .Slovakia
150 .Bosnia and Herzegovina
151 .Croatia
152 .Macedonia
154 .Serbia
156 .Latvia
157 .Lithuania
158 .Armenia
159 .Azerbaijan
160 .Belarus
161 .Georgia
162 .Moldova
163 .Russia
164 .Ukraine
165 .USSR
166 .Europe
167 .Kosovo
168 .Montenegro
169 .Other Europe, Not Specified
200 .Afghanistan
202 .Bangladesh
203 .Bhutan
205 .Myanmar
206 .Cambodia
207 .China
209 .Hong Kong
210 .India
211 .Indonesia
212 .Iran
213 .Iraq
214 .Israel
215 .Japan
216 .Jordan
217 .Korea
218 .Kazakhstan
219 .Kyrgyzstan
222 .Kuwait
223  Laos
224  Lebanon
226  Malaysia
228  Mongolia
229  Nepal
231  Pakistan
233  Philippines
235  Saudi Arabia
236  Singapore
238  Sri Lanka
239  Syria
240  Taiwan
242  Thailand
243  Turkey
245  United Arab Emirates
246  Uzbekistan
247  Vietnam
248  Yemen
249  Asia
253  South Central Asia, Not Specified
254  Other Asia, Not Specified
300  Bermuda
301  Canada
303  Mexico
310  Belize
311  Costa Rica
312  El Salvador
313  Guatemala
314  Honduras
315  Nicaragua
316  Panama
321  Antigua and Barbuda
323  Bahamas
324  Barbados
327  Cuba
328  Dominica
329  Dominican Republic
330  Grenada
332  Haiti
333  Jamaica
338  St. Kitts-Nevis
339  St. Lucia
340  St. Vincent and the Grenadines
341  Trinidad and Tobago
343  West Indies
344  Caribbean, Not Specified
360  Argentina
361  Bolivia
362  Brazil
363  Chile
364  Colombia
365  Ecuador
368  Guyana
369  Paraguay
370  Peru
372  Uruguay
373  Venezuela
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**POVPPIP**

**Numeric 3**
Income-to-poverty ratio recode

- **b**.N/A (individuals who are under 15 and are either living in a housing unit but are unrelated to the householder or are living in select group quarters)
- **0..500.**Below 501 percent
- **501.**501 percent or more

**POWPUMA**

**Character 5**
Place of work PUMA based on 2020 Census definition

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

00001 Did not work in the United States or in Puerto Rico
00100 81000 Assigned Place of work PUMA. Use with POWSP.

**POWSP Character 3**

Place of work - State or foreign country recode

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<tr>
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053 .Washington/WA
054 .West Virginia/WV
055 .Wisconsin/WI
056 .Wyoming/WY
072 .Puerto Rico
166 .Europe
254 .Asia
303 .Mexico
399 .Americas, Not Specified
555 .Other US Island Areas Not Specified, Africa, Oceania, at Sea, or Abroad, Not Specified

**PRIVCOV**  **Character 1**
Private health insurance coverage recode
1 .With private health insurance coverage
2 .Without private health insurance coverage

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

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

**RAC1P**  **Character 1**
Recoded detailed race code
1 .White alone
2 .Black or African American alone
3 .American Indian alone
4 .Alaska Native alone
5 .American Indian and Alaska Native tribes specified; or .American Indian or Alaska Native, not specified and no other .races
6 .Asian alone
7 .Native Hawaiian and Other Pacific Islander alone
8 .Some Other Race alone
9 .Two or More Races

**RAC2P**  **Character 2**
Recoded detailed race code
01 .White alone
02 .Black or African American alone
03 .Apache alone
04 .Blackfeet alone
05 .Cherokee alone
07 .Chickasaw alone
08 .Chippewa alone
09 .Choctaw alone
11 .Creek alone
12 .Crow alone
13 .Hopi alone
14 .Iroquois alone
15 .Lumbee alone
16 .Mexican American Indian alone
17 .Navajo alone
18 .Pima alone
19 .Potawatomi alone
20 .Pueblo alone
21 .Puget Sound Salish alone
22 .Sioux alone
23 .South American Indian alone
24 .Tohono O'Odham alone
25 .Yaqui alone
26 .Other specified American Indian tribes alone
27 .All other specified American Indian tribe combinations
28 .American Indian, tribe not specified
29 .Alaskan Athabascan alone
30 .Tlingit-Haida alone
31 .Inupiat alone
32 .Yup'ik alone
33 .Aleut alone
34 .Other Alaska Native
35 .Other American Indian and Alaska Native specified
36 .American Indian and Alaska Native, not specified
37 .Asian Indian alone
38 .Bangladeshi alone
39 .Bhutanese alone
40 .Burmese alone
41 .Cambodian alone
42 .Chinese, except Taiwanese, alone
43 .Taiwanese alone
44 .Filipino alone
45 .Hmong alone
46 .Indonesian alone
47 .Japanese alone
48 .Korean alone
49 .Laotian alone
50 .Malaysian alone
51 .Mongolian alone
52 .Nepalese alone
53 .Pakistani alone
54 .Sri Lankan alone
55 .Thai alone
56 .Vietnamese alone
57 .Other Asian alone
58 .All combinations of Asian races only
59 .Native Hawaiian alone
60 .Samoan alone
61 .Tongan alone
62 .Chamorro alone
63 .Marshallese alone
64 .Fijian alone
65 .Other Native Hawaiian and Other Pacific Islander
66 .Some Other Race alone
67 .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
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.Chinese; Japanese; Native Hawaiian; and/or other Asian and/or Pacific Islander groups

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

### SOCP Character 6
Standard Occupational Classification (SOC) codes for 2018 and later based on 2018 SOC codes
- **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
11201 .MGR-Marketing Managers
11202 .MGR-Sales Managers
112030 .MGR-Public Relations And Fundraising Managers
113012 .MGR-Administrative Services Managers
113013 .MGR-Facilities Managers
113021 .MGR-Computer And Information Systems Managers
113031 .MGR-Financial Managers
113111 .MGR-Compensation And Benefits Managers
113121 .MGR-Human Resources Managers
113131 .MGR-Training And Development Managers
113051 .MGR-Industrial Production Managers
113061 .MGR-Purchasing Managers
113071 .MGR-Transportation, Storage, And Distribution Managers
119013 .MGR-Farmers, Ranchers, And Other Agricultural Managers
119021 .MGR-Construction Managers
119030 .MGR-Education And Childcare Administrators
119041 .MGR-Architectural And Engineering Managers
119051 .MGR-Food Service Managers
119070 .MGR-Entertainment And Recreation Managers
119081 .MGR-Lodging Managers
119111 .MGR-Medical And Health Services Managers
119121 .MGR-Natural Sciences Managers
119141 .MGR-Property, Real Estate, And Community Association Managers
119151 .MGR-Social And Community Service Managers
119161 .MGR-Emergency Management Directors
1191XX .MGR-Other Managers
131011 .BUS-Agents And Business Managers Of Artists, Performers, And Athletes
131021 .BUS-Buyers And Purchasing Agents, Farm Products
131022 .BUS-Wholesale And Retail Buyers, Except Farm Products
131023 .BUS-Purchasing Agents, Except Wholesale, Retail, And Farm Products
131030 .BUS-Claims Adjusters, Appraisers, Examiners, And Investigators
131041 .BUS-Compliance Officers
131051 .BUS-Cost Estimators
131070 .BUS-Human Resources Workers
131081 .BUS-Logisticians
131082 .BUS-Project Management Specialists
131111 .BUS-Management Analysts
131121 .BUS-Meeting, Convention, And Event Planners
131131 .BUS-Fundraisers
131141 .BUS-Compensation, Benefits, And Job Analysis Specialists
131151 .BUS-Training And Development Specialists
131161 .BUS-Market Research Analysts And Marketing Specialists
131199 .BUS-Business Operations Specialists, All Other
132011 .FIN-Accountants And Auditors
132020 .FIN-Property Appraisers And Assessors
132031 .FIN-Budget Analysts
132041 .FIN-Credit Analysts
132051 .FIN-Financial And Investment Analysts
132052 .FIN-Personal Financial Advisors
132053 .FIN-Insurance Underwriters
132061 .FIN-Financial Examiners
132070 .FIN-Credit Counselors And Loan Officers
132081 .FIN-Tax Examiners And Collectors, And Revenue Agents

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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
151224 .CMM-Network And Computer Systems Administrators
151241 .CMM-Computer Network Architects
151299 .CMM-Computer Occupations, All Other
152011 .CMM-Actuaries
152031 .CMM-Operations Research Analysts
1520XX .CMM-Other Mathematical Science Occupations
171011 .ENG-Architects, Except Landscape And Naval
171012 .ENG-Landscape Architects
171020 .ENG-Surveyors, Cartographers, And Photogrammetrists
172011 .ENG-Aerospace Engineers
1720XX .ENG-Biomedical And Agricultural Engineers
172041 .ENG-Chemical Engineers
172051 .ENG-Civil Engineers
172061 .ENG-Computer Hardware Engineers
172070 .ENG-Electrical And Electronics Engineers
172081 .ENG-Environmental Engineers
172110 .ENG-Industrial Engineers, Including Health And Safety
172121 .ENG-Marine Engineers And Naval Architects
172131 .ENG-Materials Engineers
172141 .ENG-Mechanical Engineers
1721XX .ENG-Petroleum, Mining And Geological Engineers, Including
   .Mining Safety Engineers
1721YY .ENG-Other Engineers
173011 .ENG-Architectural And Civil Drafters
17301X .ENG-Other Drafters
173023 .ENG-Electrical and Electronic Engineering Technologists
   .And Technicians
17302X .ENG-Other Engineering Technologists And Technicians,
   .Except Drafters
173031 .ENG-Surveying And Mapping Technicians
191010 .SCI-Agricultural And Food Scientists
191020 .SCI-Biological Scientists
191030 .SCI-Conservation Scientists And Foresters
1910XX .SCI-Other Life Scientists
192010 .SCI-Astronomers And Physicists
192021 .SCI-Atmospheric And Space Scientists
192030 .SCI-Chemists And Materials Scientists
192041 .SCI-Environmental Scientists And Specialists, Including
   .Health
19204X .SCI-Geoscientists And Hydrologists, Except Geographers
192099 .SCI-Physical Scientists, All Other
193011 .SCI-Economists
193033 .SCI-Clinical And Counseling Psychologists
193034 .SCI-School Psychologists
19303X .SCI-Other Psychologists
193051 .SCI-Urban And Regional Planners
1930XX .SCI-Other Social Scientists
194010 .SCI-Agricultural And Food Science Technicians
194021 .SCI-Biological Technicians
194031 .SCI-Chemical Technicians
1940XX .SCI-Environmental Science And Geoscience Technicians, And Nuclear Technicians
1940YY .SCI-Other Life, Physical, And Social Science Technicians
195010 .SCI-Occupational Health And Safety Specialists And Technicians
211011 .CMS-Substance Abuse And Behavioral Disorder Counselors
211012 .CMS-Educational, Guidance, And Career Counselors And Advisors
211013 .CMS-Marriage And Family Therapists
211014 .CMS-Mental Health Counselors
211015 .CMS-Rehabilitation Counselors
211019 .CMS-Counselors, All Other
21101X .CMS-Other Life, Physical, And Social Science Technicians
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-Kindergarten Teachers
252020 .EDU-Elementary And Middle School Teachers
252030 .EDU-Secondary School Teachers
252050 .EDU-Special Education Teachers
253041 .EDU-Tutors
2530XX .EDU-Other Teachers And Instructors
254010 .EDU-Archivists, Curators, And Museum Technicians
254022 .EDU-Librarians And Media Collections Specialists
254031 .EDU-Library Technicians
259040 .EDU-Teaching Assistants
2590XX .EDU-Other Educational Instruction and Library Workers
271010 .ENT-Artists And Related Workers
271021 .ENT-Commercial And Industrial Designers
271022 .ENT-Fashion Designers
271023 .ENT-Floral Designers
271024 .ENT-Graphic Designers
271025 .ENT-Interior Designers
271026 .ENT-Merchandise Displayers And Window Trimmers
27102X .ENT-Other Designers
272011 .ENT-Actors
272012 .ENT-Producers And Directors
272021 .ENT-Athletes And Sports Competitors

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272022 .ENT-Coaches And Scouts
272023 .ENT-Umpires, Referees, And Other Sports Officials
272030 .ENT-Dancers And Choreographers
272041 .ENT-Music Directors And Composers
272042 .ENT-Musicians And Singers
272091 .ENT-Disc Jockeys, Except Radio
272099 .ENT-Entertainers And Performers, Sports And Related .Workers, All Other
273011 .ENT-Broadcast Announcers And Radio Disc Jockeys
273023 .ENT-News Analysts, Reporters, And Journalists
273031 .ENT-Public Relations Specialists
273041 .ENT-Editors
273042 .ENT-Technical Writers
273043 .ENT-Writers And Authors
273091 .ENT-Interpreters And Translators
273092 .ENT-Court Reporters And Simultaneous Captioners
273099 .ENT-Media And Communication Workers, All Other
2740XX .ENT-Other Media And Communication Equipment Workers
274021 .ENT-Photographers
274030 .ENT-Television, Video, And Film Camera Operators And .Editors
291011 .MED-Chiropractors
291020 .MED-Dentists
291031 .MED-Dietitians And Nutritionists
291041 .MED-Optometrists
291051 .MED-Pharmacists
291210 .MED-Physicians
291240 .MED-Surgeons
291071 .MED-Physician Assistants
291081 .MED-Podiatrists
291122 .MED-Occupational Therapists
291123 .MED-Physical Therapists
291124 .MED-Radiation Therapists
291125 .MED-Recreational Therapists
291126 .MED-Respiratory Therapists
291127 .MED-Speech-Language Pathologists
29112X .MED-Other Therapists
291131 .MED-Veterinarians
291141 .MED-Registered Nurses
291151 .MED-Nurse Anesthetists
291181 .MED-Audiologists
2911XX .MED-Nurse Practitioners, And Nurse Midwives
291291 .MED-Acupuncturists
291299 .MED-Healthcare Diagnosing Or Treating Practitioners, All .Other
292010 .MED-Clinical Laboratory Technologists And Technicians
292129 .MED-Dental Hygienists
292031 .MED-Cardiovascular Technologists And Technicians
292032 .MED-Diagnostic Medical Sonographers
292034 .MED-Radiologic Technologists And Technicians
292035 .MED-Magnetic Resonance Imaging Technologists
29203X .MED-Nuclear Medicine Technologists And Medical .Dosimetrists
292042 .MED-Emergency Medical Technicians
292043 .MED-Paramedics
292052 .MED-Pharmacy Technicians
292053 .MED-Psychiatric Technicians
292055 .MED-Surgical Technologists
292056 .MED-Veterinary Technologists And Technicians
29205X .MED-Dietetic Technicians And Ophthalmic Medical Technicians
292061 .MED-Licensed Practical And Licensed Vocational Nurses
292072 .MED-Medical Records Specialists
292081 .MED-Opticians, Dispensing
292090 .MED-Miscellaneous Health Technologists And Technicians
299000 .MED-Other Healthcare Practitioners And Technical Occupations
311121 .HLS-Home Health Aides
311122 .HLS-Personal Care Aides
311131 .HLS-Nursing Assistants
31113X .HLS-Orderlies And Psychiatric Aides
312010 .HLS-Occupational Therapy Assistants And Aides
312020 .HLS-Physical Therapist Assistants And Aides
319011 .HLS-Massage Therapists
319091 .HLS-Dental Assistants
319092 .HLS-Medical Assistants
319094 .HLS-Medical Transcriptionists
319095 .HLS-Pharmacy Aides
319096 .HLS-Veterinary Assistants And Laboratory Animal Caretakers
319097 .HLS-Phlebotomists
31909X .HLS-Other Healthcare Support Workers
331011 .PRT-First-Line Supervisors Of Correctional Officers
331012 .PRT-First-Line Supervisors Of Police And Detectives
331021 .PRT-First-Line Supervisors Of Firefighting And Prevention Workers
331090 .PRT-Miscellaneous First-Line Supervisors, Protective Service Workers
332011 .PRT-Firefighters
332020 .PRT-Fire Inspectors
333011 .PRT-Bailiffs
333012 .PRT-Correctional Officers And Jailers
333021 .PRT-Detectives And Criminal Investigators
3330XX .PRT-Fish And Game Wardens And Parking Enforcement Officers
333050 .PRT-Police Officers
339011 .PRT-Animal Control Workers
339021 .PRT-Private Detectives And Investigators
339030 .PRT-Security Guards And Gambling Surveillance Officers
339091 .PRT-Crossing Guards And Flaggers
339093 .PRT-Transportation Security Screeners
339094 .PRT-School Bus Monitors
33909X .PRT-Other Protective Service Workers
351011 .EAT-Chefs And Head Cooks
351012 .EAT-First-Line Supervisors Of Food Preparation And Serving Workers
352010 .EAT-Cooks
352021 .EAT-Food Preparation Workers
353011 .EAT-Bartenders
353023 .EAT-Fast Food And Counter Workers
353031 .EAT-Waiters And Waitresses
353041 .EAT-Food Servers, Nonrestaurant
359011 .EAT-Dining Room And Cafeteria Attendants And Bartender Helpers
359021 .EAT-Dishwashers
359031 .EAT-Hosts And Hostesses, Restaurant, Lounge, And Coffee Shop
359099 .EAT-Food Preparation And Serving Related Workers, All Other
371011 .CLN-First-Line Supervisors Of Housekeeping And Janitorial Workers
371012 .CLN-First-Line Supervisors Of Landscaping, Lawn Service, And Groundskeeping Workers
37201X .CLN-Janitors And Building Cleaners
372012 .CLN-Maids And Housekeeping Cleaners
372021 .CLN-Pest Control Workers
373011 .CLN-Landscaping And Groundskeeping Workers
373013 .CLN-Tree Trimmers And Pruners
37301X .CLN-Other Grounds Maintenance Workers
391000 .PRS-Supervisors of Personal Care And Service Workers
392011 .PRS-Animal Trainers
392021 .PRS-Animal Caretakers
393010 .PRS-Gambling Services Workers
393011 .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-Hairstylists, And Cosmetologists
395092 .PRS-Manicurists and Pedicurists
395094 .PRS-Skincare Specialists
39509X .PRS-Other Personal Appearance Workers
396010 .PRS-Baggage Porters, Bellhops, And Concierges
397010 .PRS-Tour And Travel Guides
399011 .PRS-Childcare Workers
399031 .PRS-Exercise Trainers And Group Fitness Instructors
399032 .PRS-Recreation Workers
399041 .PRS-Residential Advisors
399099 .PRS-Personal Care And Service Workers, All Other
411011 .SAL-First-Line Supervisors Of Retail Sales Workers
411012 .SAL-First-Line Supervisors Of Non-Retail Sales Workers
412010 .SAL-Cashiers
412021 .SAL-Counter And Rental Clerks
412022 .SAL-Parts Salespersons
412031 .SAL-Retail Salespersons
413011 .SAL-Advertising Sales Agents
413021 .SAL-Insurance Sales Agents
413031 .SAL-Securities, Commodities, And Financial Services Sales Agents
413041 .SAL-Travel Agents
413091 .SAL-Sales Representatives Of Services, Except Advertising, Insurance, Financial Services, And Travel
414010 .SAL-Sales Representatives, Wholesale And Manufacturing
419010 .SAL-Models, Demonstrators, And Product Promoters
419020 .SAL-Real Estate Brokers And Sales Agents
419031 .SAL-Sales Engineers
419041 .SAL-Telemarketers
419091 .SAL-Door-To-Door Sales Workers, News And Street Vendors, And Related Workers
419099 .SAL-Sales And Related Workers, All Other
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>431011</td>
<td>OFF-First-Line Supervisors Of Office And Administrative Support Workers</td>
</tr>
<tr>
<td>432011</td>
<td>OFF-Switchboard Operators, Including Answering Service</td>
</tr>
<tr>
<td>432021</td>
<td>OFF-Telephone Operators</td>
</tr>
<tr>
<td>432099</td>
<td>OFF-Communications Equipment Operators, All Other</td>
</tr>
<tr>
<td>433011</td>
<td>OFF-Bill And Account Collectors</td>
</tr>
<tr>
<td>433021</td>
<td>OFF-Billing And Posting Clerks</td>
</tr>
<tr>
<td>433031</td>
<td>OFF-Bookkeeping, Accounting, And Auditing Clerks</td>
</tr>
<tr>
<td>433051</td>
<td>OFF-Payroll And Timekeeping Clerks</td>
</tr>
<tr>
<td>433061</td>
<td>OFF-Procurement Clerks</td>
</tr>
<tr>
<td>433071</td>
<td>OFF-Tellers</td>
</tr>
<tr>
<td>4330XX</td>
<td>OFF-Other Financial Clerks</td>
</tr>
<tr>
<td>434031</td>
<td>OFF-Court, Municipal, And License Clerks</td>
</tr>
<tr>
<td>434041</td>
<td>OFF-Credit Authorizers, Checkers, And Clerks</td>
</tr>
<tr>
<td>434051</td>
<td>OFF-Customer Service Representatives</td>
</tr>
<tr>
<td>434061</td>
<td>OFF-Eligibility Interviewers, Government Programs</td>
</tr>
<tr>
<td>434071</td>
<td>OFF-File Clerks</td>
</tr>
<tr>
<td>434081</td>
<td>OFF-Hotel, Motel, And Resort Desk Clerks</td>
</tr>
<tr>
<td>434111</td>
<td>OFF-Interviewers, Except Eligibility And Loan</td>
</tr>
<tr>
<td>434121</td>
<td>OFF-Library Assistants, Clerical</td>
</tr>
<tr>
<td>434131</td>
<td>OFF-Loan Interviewers And Clerks</td>
</tr>
<tr>
<td>434141</td>
<td>OFF-New Accounts Clerks</td>
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<tr>
<td>434XXX</td>
<td>OFF-Correspondence Clerks And Order Clerks</td>
</tr>
<tr>
<td>434161</td>
<td>OFF-Human Resources Assistants, Except Payroll And Timekeeping</td>
</tr>
<tr>
<td>434171</td>
<td>OFF-Receptionists And Information Clerks</td>
</tr>
<tr>
<td>434181</td>
<td>OFF-Reservation And Transportation Ticket Agents And Travel Clerks</td>
</tr>
<tr>
<td>434YYY</td>
<td>OFF-Other Information And Records Clerks</td>
</tr>
<tr>
<td>435011</td>
<td>OFF-Cargo And Freight Agents</td>
</tr>
<tr>
<td>435021</td>
<td>OFF-Couriers And Messengers</td>
</tr>
<tr>
<td>435031</td>
<td>OFF-Public Safety Telecommunicators</td>
</tr>
<tr>
<td>435032</td>
<td>OFF-Dispatchers, Except Police, Fire, And Ambulance</td>
</tr>
<tr>
<td>435041</td>
<td>OFF-Meter Readers, Utilities</td>
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<tr>
<td>435051</td>
<td>OFF-Postal Service Clerks</td>
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<tr>
<td>435052</td>
<td>OFF-Postal Service Mail Carriers</td>
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<tr>
<td>435053</td>
<td>OFF-Postal Service Mail Sorters, Processors, And Processing Machine Operators</td>
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<tr>
<td>435061</td>
<td>OFF-Production, Planning, And Expediting Clerks</td>
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<td>435071</td>
<td>OFF-Shipping, Receiving, And Inventory Clerks</td>
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<td>435111</td>
<td>OFF-Weighers, Measurers, Checkers, And Samplers, And Recordkeeping</td>
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<tr>
<td>436011</td>
<td>OFF-Executive Secretaries And Executive Administrative Assistants</td>
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<td>436012</td>
<td>OFF-Legal Secretaries And Administrative Assistants</td>
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<td>436013</td>
<td>OFF-Medical Secretaries And Administrative Assistants</td>
</tr>
<tr>
<td>436014</td>
<td>OFF-Secretaries And Administrative Assistants, Except Legal, Medical, And Executive</td>
</tr>
<tr>
<td>439021</td>
<td>OFF-Data Entry Keyers</td>
</tr>
<tr>
<td>439022</td>
<td>OFF-Word Processors And Typists</td>
</tr>
<tr>
<td>439041</td>
<td>OFF-Insurance Claims And Policy Processing Clerks</td>
</tr>
<tr>
<td>439051</td>
<td>OFF-Mail Clerks And Mail Machine Operators, Except Postal Service</td>
</tr>
<tr>
<td>439061</td>
<td>OFF-Office Clerks, General</td>
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<tr>
<td>439071</td>
<td>OFF-Office Machine Operators, Except Computer</td>
</tr>
<tr>
<td>439081</td>
<td>OFF-Proofreaders And Copy Markers</td>
</tr>
<tr>
<td>439111</td>
<td>OFF-Statistical Assistants</td>
</tr>
</tbody>
</table>
439XXX .OFF-Other Office And Administrative Support Workers
451011 .FFF-First-Line Supervisors Of Farming, Fishing, And Forestry Workers
452011 .FFF-Agricultural Inspectors
452041 .FFF-Graders And Sorters, Agricultural Products
4520XX .FFF-Other Agricultural Workers
453031 .FFF-Fishing And Hunting Workers
454011 .FFF-Forest And Conservation Workers
454020 .FFF-Logging Workers
471011 .CON-First-Line Supervisors Of Construction Trades And Extraction Workers
472011 .CON-Boilermakers
472031 .CON-Carpenters
472040 .CON-Carpet, Floor, And Tile Installers And Finishers
472050 .CON-Cement Masons, Concrete Finishers, And Terrazzo Workers
472061 .CON-Construction Laborers
472070 .CON-Construction Equipment Operators
472080 .CON-Drywall Installers, Ceiling Tile Installers, And Tapers
472111 .CON-Electricians
472121 .CON-Glaziers
472130 .CON-Insulation Workers
472140 .CON-Painters And Paperhangers
472151 .CON-Pipelayers
472152 .CON-Plumbers, Pipefitters, And Steamfitters
472161 .CON-Plasterers And Stucco Masons
472181 .CON-Roofers
472211 .CON-Sheet Metal Workers
472221 .CON-Structural Iron And Steel Workers
472231 .CON-Solar Photovoltaic Installers
472XXX .CON-Brickmasons, Blockmasons, Stonemasons, And Reinforcing Iron And Rebar Workers
473010 .CON-Helpers, Construction Trades
474011 .CON-Construction And Building Inspectors
474021 .CON-Elevator And Escalator Installers And Repairers
474031 .CON-Fence Erectors
474041 .CON-Hazardous Materials Removal Workers
474051 .CON-Highway Maintenance Workers
474061 .CON-Rail-Track Laying And Maintenance Equipment Operators
4740XX .CON-Other Construction And Related Workers
4750YY .EXT-Derrick, Rotary Drill, And Service Unit Operators, And Roustabouts, Oil And Gas
475020 .EXT-Surface Mining Machine Operators And Earth Drillers
475032 .EXT-Explosives Workers, Ordnance Handling Experts, And Blasters
475040 .EXT-Underground Mining Machine Operators
4750XX .EXT-Other Extraction Workers
491011 .RPR-First-Line Supervisors Of Mechanics, Installers, And Repairers
492011 .RPR-Computer, Automated Teller, And Office Machine Repairers
492020 .RPR-Radio And Telecommunications Equipment Installers And Repairers
492091 .RPR-Avionics Technicians
492092 .RPR-Electric Motor, Power Tool, And Related Repairers
49209X .RPR-Other Electrical And Electronic Equipment Mechanics, Installers, and Repairers
492097 .RPR-Audiovisual Equipment Installers And Repairers
492098 .RPR-Security And Fire Alarm Systems Installers
493011 .RPR-Aircraft Mechanics And Service Technicians
493021 .RPR-Automotive Body And Related Repairers
493022 .RPR-Automotive Glass Installers And Repairers
493023 .RPR-Automotive Service Technicians And Mechanics
493031 .RPR-Bus And Truck Mechanics And Diesel Engine Specialists
493040 .RPR-Heavy Vehicle And Mobile Equipment Service Technicians And Mechanics
493050 .RPR-Small Engine Mechanics
493090 .RPR-Miscellaneous Vehicle And Mobile Equipment Mechanics, Installers, And Repairers
499010 .RPR-Control And Valve Installers And Repairers
499021 .RPR-Heating, Air Conditioning, And Refrigeration Mechanics And Installers
499031 .RPR-Home Appliance Repairers
49904X .RPR-Industrial And Refrigeration 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

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<thead>
<tr>
<th>Code</th>
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<tr>
<td>514041</td>
<td>PRD-Machinists</td>
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<tr>
<td>514050</td>
<td>PRD-Metal Furnace Operators, Tenders, Pourers, And Casters</td>
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<tr>
<td>5140XX</td>
<td>PRD-Model Makers, Patternmakers, And Molding Machine Setters, Metal And Plastic</td>
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<tr>
<td>514111</td>
<td>PRD-Tool And Die Makers</td>
</tr>
<tr>
<td>514120</td>
<td>PRD-Welding, Soldering, And Brazing Workers</td>
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<tr>
<td>5144XX</td>
<td>PRD-Other Metal Workers And Plastic Workers</td>
</tr>
<tr>
<td>515111</td>
<td>PRD-Prepress Technicians And Workers</td>
</tr>
<tr>
<td>515112</td>
<td>PRD-Printing Press Operators</td>
</tr>
<tr>
<td>515113</td>
<td>PRD-Print Binding And Finishing Workers</td>
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<tr>
<td>516011</td>
<td>PRD-Laundry And Dry-Cleaning Workers</td>
</tr>
<tr>
<td>516021</td>
<td>PRD-Pressers, Textile, Garment, And Related Materials</td>
</tr>
<tr>
<td>516031</td>
<td>PRD-Sewing Machine Operators</td>
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<tr>
<td>516040</td>
<td>PRD-Shoe And Leather Workers</td>
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<td>516050</td>
<td>PRD-Tailors, Dressmakers, And Sewers</td>
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<tr>
<td>516060</td>
<td>PRD-Textile Machine Setters, Operators, And Tenders</td>
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<td>516093</td>
<td>PRD-Upholsterers</td>
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<tr>
<td>51609X</td>
<td>PRD-Other Textile, Apparel, And Furnishings Workers</td>
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<tr>
<td>517011</td>
<td>PRD-Cabinetmakers And Bench Carpenters</td>
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<tr>
<td>517021</td>
<td>PRD-Furniture Finishers</td>
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<tr>
<td>517041</td>
<td>PRD-Sawing Machine Setters, Operators, And Tenders, Wood</td>
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<td>517042</td>
<td>PRD-Woodworking Machine Setters, Operators, And Tenders, Except Saving</td>
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<td>5170XX</td>
<td>PRD-Other Woodworkers</td>
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<td>518010</td>
<td>PRD-Power Plant Operators, Distributors, And Dispatchers</td>
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<tr>
<td>518021</td>
<td>PRD-Stationary Engineers And Boiler Operators</td>
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<tr>
<td>518031</td>
<td>PRD-Water And Wastewater Treatment Plant And System Operators</td>
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<tr>
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<td>PRD-Miscellaneous Plant And System Operators</td>
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<tr>
<td>519010</td>
<td>PRD-Chemical Processing Machine Setters, Operators, And Tenders</td>
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<td>519020</td>
<td>PRD-Crushing, Grinding, Polishing, Mixing, And Blending Workers</td>
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<td>519030</td>
<td>PRD-Cutting Workers</td>
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<tr>
<td>519041</td>
<td>PRD-Extruding, Forming, Pressing, And Compacting Machine Setters, Operators, And Tenders</td>
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<td>519051</td>
<td>PRD-Furnace, Kiln, Oven, Drier, And Kettle Operators And Tenders</td>
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<tr>
<td>519061</td>
<td>PRD-Inspectors, Testers, Sorters, Samplers, And Weighers</td>
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<tr>
<td>519071</td>
<td>PRD-Jewelers And Precious Stone And Metal Workers</td>
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<td>519080</td>
<td>PRD-Dental And Ophthalmic Laboratory Technicians And Medical Appliance Technicians</td>
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<td>519111</td>
<td>PRD-Packaging And Filling Machine Operators And Tenders</td>
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<tr>
<td>519120</td>
<td>PRD-Painting Workers</td>
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<td>519151</td>
<td>PRD-Photographic Process Workers And Processing Machine Operators</td>
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<tr>
<td>519191</td>
<td>PRD-Adhesive Bonding Machine Operators And Tenders</td>
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<td>519194</td>
<td>PRD-Etchers And Engravers</td>
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<tr>
<td>519195</td>
<td>PRD-Molders, Shapers, And Casters, Except Metal And Plastic</td>
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<td>519196</td>
<td>PRD-Paper Goods Machine Setters, Operators, And Tenders</td>
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<td>519197</td>
<td>PRD-Tire Builders</td>
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<td>519198</td>
<td>PRD-Helpers--Production Workers</td>
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<td>5191XX</td>
<td>PRD-Miscellaneous Production Workers, Including Equipment Operators and Tenders</td>
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531000 .TRN-Supervisors Of Transportation And Material Moving .Workers
532010 .TRN-Aircraft Pilots And Flight Engineers
532020 .TRN-Air Traffic Controllers And Airfield Operations .Specialists
532031 .TRN-Flight Attendants
533011 .TRN-Ambulance Drivers And Attendants, Except Emergency .Medical Technicians
533051 .TRN-Bus Drivers, School
533052 .TRN-Bus Drivers, Transit And Intercity
533030 .TRN-Driver/Sales Workers And Truck Drivers
533053 .TRN-Shuttle Drivers and Chauffeurs
533054 .TRN-Taxi Drivers
533099 .TRN-Motor Vehicle Operators, All Other
534010 .TRN-Locomotive Engineers And Operators
534031 .TRN-Railroad Conductors And Yardmasters
5340XX .TRN-Other Rail Transportation Workers
5350XX .TRN-Sailors And Marine Oilers, And Ship Engineers
535020 .TRN-Ship And Boat Captains And Operators
536021 .TRN-Parking Attendants
536051 .TRN-Transportation Service Attendants
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

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- Korean War
- Korean War and WWII
- WWII
- Between Gulf War and Vietnam Era only
- Between Vietnam Era and Korean War only
- Peacetime service before the Korean War only

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

PERSON RECORD-ALLOCATION FLAGS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FFODP  Character 1
Field of Degree allocation flag
0 .No
1 .Yes
FGCLP  Character  1
Grandparents living with grandchildren allocation flag
0  .No
1  .Yes

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

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

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

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

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

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

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

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

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

FHINS4P  Character  1
Medicaid, medical assistance, or any kind of government-assistance plan for people with low incomes or a disability allocation flag
FHINS5C  Character  1
TRICARE coverage given through the eligibility coverage edit
b. Does not have TRICARE coverage (HINS5=2)
0. No
1. Yes

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**FMILPP**  Character  1  
Military periods of service allocation flag
0 .No
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<td>FMILSP</td>
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<td>FOIP</td>
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<td>FPAP</td>
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<td>Total person's earnings allocation flag</td>
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<td>Place of work state allocation flag</td>
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<td>Private health insurance coverage recode allocation flag</td>
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<td>FPUBCOVP</td>
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<td>Social Security income allocation flag</td>
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<td>FWAGP</td>
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<td>Wages and salary income allocation flag</td>
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<td>FWKHP</td>
<td>1</td>
<td>Usual hours worked per week past 12 months allocation flag</td>
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FWKLP  Character  1
Last worked allocation flag
0 .No
1 .Yes

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

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

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

PERSON RECORD-REPLICATE WEIGHTS

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

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

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

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

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

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

PWGTP7  Numeric  5
Person's Weight replicate 7
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PWGTP8  Numeric  5
Person's Weight replicate 8
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PWGTP9  Numeric  5
Person's Weight replicate 9
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PWGTP10  Numeric  5
Person's Weight replicate 10
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PWGTP11  Numeric  5
Person's Weight replicate 11
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PWGTP12  Numeric  5
Person's Weight replicate 12
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PWGTP13  Numeric  5
Person's Weight replicate 13
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PWGTP14  Numeric  5
Person's Weight replicate 14
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PWGTP15  Numeric  5
Person's Weight replicate 15
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Person's Weight replicate 18
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Person's Weight replicate 39
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Person's Weight replicate 40
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Person's Weight replicate 43
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PWGTP44 Numeric 5
Person's Weight replicate 44
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PWGTP45 Numeric 5
Person's Weight replicate 45
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PWGTP46 Numeric 5
Person's Weight replicate 46
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PWGTP47 Numeric 5
Person's Weight replicate 47
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PWGTP48 Numeric 5
Person's Weight replicate 48
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PWGTP49 Numeric 5
Person's Weight replicate 49
-9999..9999 .Integer weight of person

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

PWGTP51 Numeric 5
Person's Weight replicate 51
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PWGT P80  Numeric  5
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