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

SERIALNO Character 13
Housing unit/GQ person serial number
2018GQ00000001..2018GQ9999999 .GQ Unique identifier
2018HU00000001..2018HU9999999 .HU Unique identifier

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

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

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

ST Character 2
State Code based on 2010 Census definitions
01 .Alabama/AL
02 .Alaska/AK
04 .Arizona/AZ
05 .Arkansas/AR
06 .California/CA
08 .Colorado/CO
09 .Connecticut/CT
10 .Delaware/DE
11 .District of Columbia/DC
12 .Florida/FL
13 .Georgia/GA
15 .Hawaii/HI
16 .Idaho/ID
17 .Illinois/IL
18 .Indiana/IN
19 .Iowa/IA
20 .Kansas/KS
21 .Kentucky/KY
22 .Louisiana/LA
23 .Maine/ME
24 .Maryland/MD
25 .Massachusetts/MA
26 .Michigan/MI
27 .Minnesota/MN
28 .Mississippi/MS
29 .Missouri/MO
30 .Montana/MT
31 .Nebraska/NE
32 .Nevada/NV
33 .New Hampshire/NH
34 .New Jersey/NJ
35 .New Mexico/NM
36 .New York/NY
37 .North Carolina/NC
38 .North Dakota/ND
39 .Ohio/OH
40 .Oklahoma/OK
41 .Oregon/OR
42 .Pennsylvania/PA
44 .Rhode Island/RI
45 .South Carolina/SC
46 .South Dakota/SD
47 .Tennessee/TN
48 .Texas/TX
49 .Utah/UT
50 .Vermont/VT
51 .Virginia/VA
53 .Washington/WA
54 .West Virginia/WV
55 .Wisconsin/WI
56 .Wyoming/WY
72 .Puerto Rico/PR

**ADJHSG**  Character  7
Adjustment factor for housing dollar amounts (6 implied decimal places)
10000000 .2018 factor (1.000000)

**ADJINC**  Character  7
Adjustment factor for income and earnings dollar amounts (6 implied decimal places)
1013097 .2018 factor (1.013097)

**WGTP**  Numeric  5
Housing Unit Weight
Group quarters place holder record

.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

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

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

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

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

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

BDSP Numeric 2
Number of bedrooms
bb .N/A (GQ)
0..99 .0 to 99 bedrooms (Top-coded)
**BLD** Character 2
Units in structure
bb .N/A (GQ)
01 .Mobile home or trailer
02 .One-family house detached
03 .One-family house attached
04 .2 Apartments
05 .3-4 Apartments
06 .5-9 Apartments
07 .10-19 Apartments
08 .20-49 Apartments
09 .50 or more apartments
10 .Boat, RV, van, etc.

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

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

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

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

**ELEFP** Character 1
Electricity cost flag variable
b .N/A (GQ/vacant)
1 .Included in rent or in condo fee
2 .No charge or electricity not used
3 .Valid monthly electricity cost in ELEP

**ELEP** Numeric 3
Electricity cost (monthly cost, use ADJHSG to adjust ELEP to constant dollars)
bbb .N/A (GQ/vacant/included in rent or in condo fee/no charge or electricity not used)
3..999 .$3 to $999 (Rounded and top-coded)

**FS** Character 1
Yearly food stamp/Supplemental Nutrition Assistance Program (SNAP) recipiency
b .N/A (vacant)
1. Yes
2. No

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

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

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

GASP  **Numeric 3**
Gas cost (monthly cost, use ADJHSG to adjust GASP to constant dollars)
bbb .N/A (GQ/vacant/included in rent or in condo fee/included in electricity payment/no charge or gas not used)
4..999 .$4 to $999 (Rounded and top-coded)

HFL  **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

INSPE | Numeric | 5
--- | --- | ---
Fire/hazard/flood insurance (yearly amount, use ADJHSG to adjust INSP to constant dollars)
- bbbb | 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)
- bbbb | 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)
- bbbb | N/A (GQ/vacant/not owned or being bought/not mortgaged)
- 1..99999 | $1 to $99999 (Rounded and top-coded)

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

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

OTHSVCEX | Character | 1
--- | --- | ---
Other Internet service
- b | N/A (GQ/vacant/no paid access to the internet)
- 1 | Yes
- 2 | No
<table>
<thead>
<tr>
<th>Variable</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>REFFR</td>
<td>Character 1</td>
<td>Refrigerator</td>
</tr>
<tr>
<td>RMSP</td>
<td>Numeric 2</td>
<td>Number of rooms</td>
</tr>
<tr>
<td>RNTM</td>
<td>Character 1</td>
<td>Meals included in rent</td>
</tr>
<tr>
<td>RNTP</td>
<td>Numeric 5</td>
<td>Monthly rent (use ADJHSG to adjust RNTP to constant dollars)</td>
</tr>
<tr>
<td>RWAT</td>
<td>Character 1</td>
<td>Hot and cold running water</td>
</tr>
<tr>
<td>RWATPR</td>
<td>Character 1</td>
<td>Running water</td>
</tr>
<tr>
<td>SATELLITE</td>
<td>Character 1</td>
<td>Satellite Internet service</td>
</tr>
<tr>
<td>SINK</td>
<td>Character 1</td>
<td>Sink with a faucet</td>
</tr>
<tr>
<td>SMARTPHONE</td>
<td>Character 1</td>
<td>Smartphone</td>
</tr>
</tbody>
</table>
SMP  Numeric  5
Total payment on all second and junior mortgages and home equity loans
(monthly amount, use ADJHSG to adjust SMP to constant dollars)
bbbbbb .N/A (GQ/vacant/not owned or being bought/ /no
.second or junior mortgages or home equity loans)
1..99999 .$1 to $999999 (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

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

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

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

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

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

**YBL Character 2**
When structure first built
bb .N/A (GQ)
01 .1939 or earlier
02 .1940 to 1949
03 .1950 to 1959
04 .1960 to 1969
05 .1970 to 1979
06 .1980 to 1989
07 .1990 to 1999
08 .2000 to 2004
09 .2005
10 .2006
11 .2007
12 .2008
13 .2009
14 .2010
15 .2011
16 .2012
17 .2013
18 .2014
19 .2015
20 .2016
21 .2017
22 .2018

**HOUSING RECORD–HOUSEHOLD VARIABLES**

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

**FINCP**  Numeric   7
Family income (past 12 months, use ADJINC to adjust FINCP to constant dollars)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>bbbbb</td>
<td>N/A (GQ/vacant)</td>
</tr>
<tr>
<td>0</td>
<td>No family income</td>
</tr>
<tr>
<td>-59999</td>
<td>Loss of -$59,999 or more</td>
</tr>
<tr>
<td>-59998</td>
<td>Loss of $1 to -$59,998</td>
</tr>
<tr>
<td>1..9999999</td>
<td>Total family income in dollars (Components are rounded)</td>
</tr>
</tbody>
</table>

**FPARC**  Character   1
Family presence and age of related children

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>b</td>
<td>N/A (GQ/vacant/not a family)</td>
</tr>
<tr>
<td>1</td>
<td>With related children under 5 years only</td>
</tr>
<tr>
<td>2</td>
<td>With related children 5 to 17 years only</td>
</tr>
<tr>
<td>3</td>
<td>With related children under 5 years and 5 to 17 years</td>
</tr>
<tr>
<td>4</td>
<td>No related children</td>
</tr>
</tbody>
</table>

**GRNTP**  Numeric   4
Gross rent (monthly amount, use ADJHSG to adjust GRNTP to constant dollars)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>bbbbb</td>
<td>N/A (GQ/vacant/owned or being bought/occupied without rent payment)</td>
</tr>
<tr>
<td>1..9999</td>
<td>$1 - $9999 (Components are rounded)</td>
</tr>
</tbody>
</table>

**GRPIP**  Numeric   3
Gross rent as a percentage of household income past 12 months

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>bbbb</td>
<td>N/A (GQ/vacant/owned or being bought/occupied without rent payment/no household income)</td>
</tr>
<tr>
<td>1..100</td>
<td>.1% to 100%</td>
</tr>
<tr>
<td>101</td>
<td>.101% or more</td>
</tr>
</tbody>
</table>

**HHL**  Character   1
Household language

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>b</td>
<td>N/A (GQ/vacant)</td>
</tr>
<tr>
<td>1</td>
<td>English only</td>
</tr>
<tr>
<td>2</td>
<td>Spanish</td>
</tr>
<tr>
<td>3</td>
<td>Other Indo-European languages</td>
</tr>
<tr>
<td>4</td>
<td>Asian and Pacific Island languages</td>
</tr>
<tr>
<td>5</td>
<td>Other language</td>
</tr>
</tbody>
</table>

**HHLANP**  Character   4
Detailed household language

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>bbbbb</td>
<td>N/A (GQ/vacant)</td>
</tr>
<tr>
<td>1000</td>
<td>Jamaican Creole English</td>
</tr>
<tr>
<td>1025</td>
<td>Other English-based Creole languages</td>
</tr>
<tr>
<td>1055</td>
<td>Haitian</td>
</tr>
<tr>
<td>1069</td>
<td>Kabuverdianu</td>
</tr>
<tr>
<td>1110</td>
<td>German</td>
</tr>
<tr>
<td>1120</td>
<td>Swiss German</td>
</tr>
<tr>
<td>1125</td>
<td>Pennsylvania German</td>
</tr>
<tr>
<td>1130</td>
<td>Yiddish</td>
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<tr>
<td>Code</td>
<td>Language</td>
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<tr>
<td>------</td>
<td>------------------------</td>
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<tr>
<td>1132</td>
<td>Dutch</td>
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<tr>
<td>1134</td>
<td>Afrikaans</td>
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<tr>
<td>1140</td>
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<tr>
<td>1141</td>
<td>Danish</td>
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<tr>
<td>1142</td>
<td>Norwegian</td>
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<td>1155</td>
<td>Italian</td>
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<tr>
<td>1170</td>
<td>French</td>
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<td>1175</td>
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<td>1278</td>
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<tr>
<td>1340</td>
<td>India N.E.C.</td>
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<tr>
<td>1350</td>
<td>Hindi</td>
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<td>Urdu</td>
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<td>Nepali</td>
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<tr>
<td>1525</td>
<td>Pakistan N.E.C.</td>
</tr>
<tr>
<td>1530</td>
<td>Sinhala</td>
</tr>
<tr>
<td>1540</td>
<td>Other Indo-Iranian languages</td>
</tr>
<tr>
<td>1564</td>
<td>Other Indo-European languages</td>
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<tr>
<td>1565</td>
<td>Finnish</td>
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<tr>
<td>1970</td>
<td>Chinese</td>
</tr>
<tr>
<td>2000</td>
<td>Mandarin</td>
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Min Nan Chinese
Cantonese
Tibetan
Burmese
Chin languages
Karen languages
Thai
Lao
Iu Mien
Hmong
Japanese
Korean
Malay
Indonesian
Other languages of Asia
Filipino
Tagalog
Cebuano
Illocano
Other Philippine languages
Chamorro
Marshallese
Chuukese
Samoan
Tongan
Hawaiian
Other Eastern Malayo-Polynesian languages
Arabic
Hebrew
Assyrian Neo-Aramaic
Chaldean Neo-Aramaic
Amharic
Tigrinya
Oromo
Somali
Other Afro-Asiatic languages
Nilo-Saharan languages
Swahili
Ganda
Shona
Other Bantu languages
Manding languages
Other Mande languages
Fulah
Wolof
Akan (incl. Twi)
Ga
Gbe languages
Yoruba
Edoid languages
Igbo
Other Niger-Congo languages
Other languages of Africa
Aleut languages
Ojibwa
Apache languages
Navajo
7019  .Dakota languages
7032  .Muskogean languages
7039  .Keres
7050  .Cherokee
7124  .Other Native North American languages
7300  .Other Central and South American languages
9500  .English only household
9999  .Other and unspecified languages

### HHT
**Character 1**

**Household/family type**

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

### HINCP
**Numeric 7**

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

bbbbb  .N/A(GQ/vacant)
0  .No household income
-59999  .Loss of -$59,999 or more
-59998..-1  .Loss of $1 to -$59,998
1.9999999  .Total household income in dollars (Components are rounded)

### HUGCL
**Character 1**

**Household with grandparent living with grandchildren**

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

### HUPAC
**Character 1**

**HH presence and age of children**

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

### HUPAOC
**Character 1**

**HH presence and age of own children**

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

### HUPARC
**Character 1**

**HH presence and age of related children**

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

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

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

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

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

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

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

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

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

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

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

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

**PLM**
**Character 1**
Complete plumbing facilities
b .N/A (GQ)
1 .Yes, has hot and cold running water, and a bathtub or shower
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)
bbbbbb .N/A (GQ/vacant/not owned or being bought)
0 .None
1..99999 .$1 - $99999 (Components are rounded)

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

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

SSMC Character 1
Same-sex married couple households
b .N/A (GQ/vacant)
0 .Households without a same-sex married couple
1 .Same-sex married-couple household where not all relevant data .shown as reported
2 .All other same-sex married-couple households

SVAL Character 1
Specified owner unit
b .N/A (GQ/ vacant units, except "for-sale-only" and "sold, not .occupied"/not owned or being bought)
0 .A single family home on 10 or more acres or any other type of .building, including mobile homes, with no regard to acreage.
1 .A single family home on less than 10 acres.
<table>
<thead>
<tr>
<th><strong>TAXAMT</strong></th>
<th><strong>Numeric</strong></th>
<th>5</th>
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<tbody>
<tr>
<td>Property taxes (yearly real estate taxes)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>bbbbb</td>
<td>N/A (GQ/vacant/not owned or being bought)</td>
<td></td>
</tr>
<tr>
<td>0..22500</td>
<td>$0 to $22500 (rounded and top-coded)</td>
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<th><strong>WIF</strong></th>
<th><strong>Character</strong></th>
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<tr>
<td>Workers in family during the past 12 months</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b</td>
<td>N/A (GQ/vacant/non-family household)</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>No workers</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>1 worker</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>2 workers</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>3 or more workers in family</td>
<td></td>
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<th><strong>WKEXREL</strong></th>
<th><strong>Character</strong></th>
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<tr>
<td>Work experience of householder and spouse</td>
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<td></td>
</tr>
<tr>
<td>bb</td>
<td>N/A (GQ/vacant/not a family)</td>
<td></td>
</tr>
<tr>
<td>01</td>
<td>Householder and spouse worked FT</td>
<td></td>
</tr>
<tr>
<td>02</td>
<td>Householder worked FT; spouse worked &lt; FT</td>
<td></td>
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<tr>
<td>03</td>
<td>Householder worked FT; spouse did not work</td>
<td></td>
</tr>
<tr>
<td>04</td>
<td>Householder worked &lt; FT; spouse worked FT</td>
<td></td>
</tr>
<tr>
<td>05</td>
<td>Householder worked &lt; FT; spouse worked &lt; FT</td>
<td></td>
</tr>
<tr>
<td>06</td>
<td>Householder worked &lt; FT; spouse did not work</td>
<td></td>
</tr>
<tr>
<td>07</td>
<td>Householder did not work; spouse worked FT</td>
<td></td>
</tr>
<tr>
<td>08</td>
<td>Householder did not work; spouse worked &lt; FT</td>
<td></td>
</tr>
<tr>
<td>09</td>
<td>Householder did not work; spouse did not work</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Male householder worked FT; no spouse present</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Male householder worked &lt; FT; no spouse present</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Male householder did not work; no spouse present</td>
<td></td>
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<tr>
<td>13</td>
<td>Female householder worked FT; no spouse present</td>
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<tr>
<td>14</td>
<td>Female householder worked &lt; FT; no spouse present</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Female householder did not work; no spouse present</td>
<td></td>
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</table>

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<th><strong>WORKSTAT</strong></th>
<th><strong>Character</strong></th>
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<tr>
<td>Work status of householder or spouse in family households</td>
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<tr>
<td>bb</td>
<td>N/A (GQ/not a family household/same-sex married-couple families)</td>
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<tr>
<td>01</td>
<td>Husband and wife both in labor force, both employed or in Armed Forces</td>
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</tr>
<tr>
<td>02</td>
<td>Husband and wife both in labor force, husband employed or in Armed Forces, wife unemployed</td>
<td></td>
</tr>
<tr>
<td>03</td>
<td>Husband in labor force and wife not in labor force, husband employed or in Armed Forces</td>
<td></td>
</tr>
<tr>
<td>04</td>
<td>Husband and wife both in labor force, husband unemployed, wife employed or in Armed Forces</td>
<td></td>
</tr>
<tr>
<td>05</td>
<td>Husband and wife both in labor force, husband unemployed, wife unemployed</td>
<td></td>
</tr>
<tr>
<td>06</td>
<td>Husband in labor force, husband unemployed, wife not in labor force</td>
<td></td>
</tr>
<tr>
<td>07</td>
<td>Husband not in labor force, wife in labor force, wife employed or in Armed Forces</td>
<td></td>
</tr>
<tr>
<td>08</td>
<td>Husband not in labor force, wife in labor force, wife unemployed</td>
<td></td>
</tr>
<tr>
<td>09</td>
<td>Neither husband nor wife in labor force</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Male householder with no wife present, householder in labor force, employed or in Armed Forces</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Male householder with no wife present, householder in labor force and unemployed</td>
<td></td>
</tr>
</tbody>
</table>
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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FSMARTPHONP Character 1
Smartphone allocation flag
b .N/A (GQ)
0 .No
1 .Yes

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

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

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

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

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

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

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

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

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

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

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

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

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

HOUSING RECORD–REPLICATE WEIGHTS

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

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

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

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

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

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

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

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

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

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

WGTP11 Numeric  5
Housing Weight replicate 11
-9999..9999 .Integer weight of housing unit
<table>
<thead>
<tr>
<th>Variable</th>
<th>Type</th>
<th>Description</th>
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<tr>
<td>WGTP12</td>
<td>Numeric 5</td>
<td>Housing Weight replicate 12</td>
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<td>-9999..9999 .Integer weight of housing unit</td>
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<tr>
<td>WGTP13</td>
<td>Numeric 5</td>
<td>Housing Weight replicate 13</td>
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<td>WGTP14</td>
<td>Numeric 5</td>
<td>Housing Weight replicate 14</td>
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<td>-9999..9999 .Integer weight of housing unit</td>
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<td>WGTP15</td>
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<td>WGTP16</td>
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<td>Housing Weight replicate 19</td>
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<td>WGTP20</td>
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<td>Housing Weight replicate 20</td>
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<td>-9999..9999 .Integer weight of housing unit</td>
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<tr>
<td>WGTP21</td>
<td>Numeric 5</td>
<td>Housing Weight replicate 21</td>
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<td>-9999..9999 .Integer weight of housing unit</td>
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<td>WGTP22</td>
<td>Numeric 5</td>
<td>Housing Weight replicate 22</td>
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<td>-9999..9999 .Integer weight of housing unit</td>
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<tr>
<td>WGTP23</td>
<td>Numeric 5</td>
<td>Housing Weight replicate 23</td>
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<td>-9999..9999 .Integer weight of housing unit</td>
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<td>WGTP24</td>
<td>Numeric 5</td>
<td>Housing Weight replicate 24</td>
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<td>-9999..9999 .Integer weight of housing unit</td>
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<td>Numeric 5</td>
<td>Housing Weight replicate 25</td>
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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
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Housing Weight replicate 54
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<td>4 .West</td>
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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/CH
40 .Oklahoma/OK
41 .Oregon/OR
42 .Pennsylvania/PA
44 .Rhode Island/RI
45 .South Carolina/SC
46 .South Dakota/SD
47 .Tennessee/TN
48 .Texas/TX
49 .Utah/UT
50 .Vermont/VT
51 .Virginia/VA
53 .Washington/WA
54 .West Virginia/WV
55 .Wisconsin/WI
56 .Wyoming/WY
57 .Puerto Rico/PR

**ADJINC**
Character
Adjustment factor for income and earnings dollar amounts (6 implied decimal places)
1013097 .2018 factor (1.013097)

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

**PERSON RECORD-PERSON VARIABLES**

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

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

**CITWP**  
**Numeric 4**  
Year of naturalization write-in
bbbb .Not eligible - not naturalized
1939 .1939 or earlier (Bottom-coded)
1940 .1940 - 1944
1945 .1945 - 1947
1948 .1948 - 1949
1950 .1950
1951 .1951
1952 .1952
1953 .1953
1954 .1954
1955 .1955
1956 .1956
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1977 .1977
1978 .1978
1979 .1979
1980 .1980
1982 .1982
1983 .1983
1984 .1984
1985 .1985
1986 .1986
1987 .1987
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
<table>
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<th>Description</th>
<th>Options</th>
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| GCL      | Grandparents living with grandchildren                                                          | b. N/A (less than 30 years/institutional GQ)  
1. Yes  
2. No   |
| GCM      | 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      | Grandparents responsible for grandchildren                                                      | b. N/A (less than 30 years/institutional GQ/grandparent not living with grandchild)  
1. Yes  
2. No   |
| HINS1    | Insurance through a current or former employer or union                                           | 1. Yes  
2. No   |
| HINS2    | Insurance purchased directly from an insurance company                                            | 1. Yes  
2. No   |
| HINS3    | Medicare, for people 65 and older, or people with certain disabilities                            | 1. Yes  
2. No   |
| HINS4    | Medicaid, Medical Assistance, or any kind of government-assistance plan for those with low incomes or a disability | 1. Yes  
2. No   |
| HINS5    | TRICARE or other military health care                                                             | 1. Yes  
2. No   |
| HINS6    | VA (including those who have ever used or enrolled for VA health care)                            | 1. Yes  
2. No   |
HINS7 Character 1
Indian Health Service
1 .Yes
2 .No

INTP Numeric 6
Interest, dividends, and net rental income past 12 months (signed, use ADJINC to adjust to constant dollars)
bbbbb .N/A (less than 15 years old)
0 .None
-9999...-4 .Loss of $4 to $9999 (Rounded and bottom-coded)
4..999999 .$4 to $999999 (Rounded and top-coded)

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

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

JWTR Character 2
Means of transportation to work
bb .N/A (not a worker--not in the labor force, including persons .under 16 years; unemployed; employed, with a job but not at .work; Armed Forces, with a job but not at work)
01 .Car, truck, or van
02 .Bus or trolley bus
03 .Streetcar or trolley car (carro publico in Puerto Rico)
04 .Subway or elevated
05 .Railroad
06 .Ferryboat
07 .Taxicab
08 .Motorcycle
09 .Bicycle
10 .Walked
11 .Worked at home
12 .Other method

LANX Character 1
Language other than English spoken at home
b .N/A (less than 5 years old)
1 .Yes, speaks another language
2 .No, speaks only English
MAR  Character  1
Marital status
1 .Married
2 .Widowed
3 .Divorced
4 .Separated
5 .Never married or under 15 years old

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

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

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

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

MARHYP  Numeric  4
Year last married
bbbbb .N/A (age less than 15 years; never married)
1937 .1937 or earlier (Bottom-coded)
1938 .1938
1939 .1939
1940 .1940
1941 .1941
1942 .1942
1943 .1943
1944 .1944
1945 .1945
1946 .1946
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2013 .2013
2014 .2014
2015 .2015
2016 .2016
2017 .2017
2018 .2018

**MIG**

**Character  1**

Mobility status (lived here 1 year ago)

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

**MIL**

**Character  1**

Military service

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

**MLPA**

**Character  1**

Served September 2001 or later

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

**MLPB**

**Character  1**

Served August 1990 - August 2001 (including Persian Gulf War)

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

**MLPCD**

**Character  1**

Served May 1975 - July 1990

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

**MLPE**

**Character  1**

Served Vietnam era (August 1964 - April 1975)

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

**MLPFG**

**Character  1**

Served February 1955 - July 1964

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

**MLPH**

**Character  1**

Served Korean War (July 1950 - January 1955)

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

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

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

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

NWAB  Character 1
Temporary absence from work (UNEDITED - See "Employment Status Recode" (ESR))
0. 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))
0. 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))
0. 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))
0. 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))
0. 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)
b b b b b  .N/A (less than 15 years old)
0 .None
4..999999  .$4 to $999999 (Rounded and top-coded)

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

RELP  Character 2
Relationship
00 .Reference person
01 .Husband/wife
02 .Biological son or daughter
03 .Adopted son or daughter
04 .Stepson or stepdaughter
05 .Brother or sister
06 .Father or mother
07 .Grandchild
08 .Parent-in-law
09 .Son-in-law or daughter-in-law
10 .Other relative
11 .Roomer or boarder
12 .Housemate or roommate
13 .Unmarried partner
14 .Foster child
15 .Other nonrelative
16 .Institutionalized group quarters population
17 .Noninstitutionalized group quarters population

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

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

SEMP  Numeric  6
Self-employment income past 12 months (signed, use ADJINC to adjust
SEMP to constant dollars)
bbbbbb .N/A (less than 15 years old)
0 .None
-10000..-4 .Loss 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)

bbbbb .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)

bbbbb .N/A (less than 15 years old)
0 .None
4..50000 .$4 to $50000 (Rounded and top-coded)

WAGP  Numeric  6
Wages or salary income past 12 months (use ADJINC to adjust WAGP to constant dollars)

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

WKHP  Numeric  2
Usual hours worked per week past 12 months

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

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

WKW  Character  1
Weeks worked during past 12 months
b .N/A (less than 16 years old/did not work during the past 12 months)
1 .50 to 52 weeks worked during past 12 months
2 .48 to 49 weeks worked during past 12 months
3 .40 to 47 weeks worked during past 12 months
4 .27 to 39 weeks worked during past 12 months
5 .14 to 26 weeks worked during past 12 months
6 .less than 14 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
bbbbb .Not eligible - Born in the US
1929 .1929 or earlier (Bottom-coded)
PERSON RECORD—RECODED PERSON VARIABLES

ANC  Character  1
Ancestry recode
  1 .Single
  2 .Multiple
  3 .Unclassified
  4 .Not reported
  8 .Suppressed for data year 2018 for select PUMAs

ANC1P  Character  3
Recoded Detailed Ancestry - first entry
  000 .Suppressed for data year 2018 for select PUMAs
  001 .Alsatian
  003 .Austrian
  005 .Basque
  008 .Belgian
  009 .Flemish
  011 .British
  012 .British Isles
  020 .Danish
  021 .Dutch
  022 .English
  024 .Finnish
  026 .French
  032 .German
  040 .Prussian
  046 .Greek
  049 .Icelander
  050 .Irish
  051 .Italian
  068 .Sicilian
  077 .Luxembourger
  078 .Maltese
Honduran
Nicaraguan
Panamanian
Salvadoran
Central American
Argentinean
Bolivian
Chilean
Colombian
Ecuadorean
Paraguayan
Peruvian
Uruguayan
Venezuelan
South American
Latin American
Latin
Latino
Puerto Rican
Cuban
Dominican
Hispanic
Spanish
Spanish American
Bahamian
Barbadian
Belizean
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
Kuwaiti
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
Togo
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
795 .Asian
799 .Other Asian
800 .Australian
803 .New Zealander
808 .Polynesian
811 .Hawaiian
814 .Samoa
815 .Tongan
820 .Micronesian
821 .Guamanian
822 .Chamorro
824 .Palauan
825 .Marshallese
841 .Fijian
850 .Pacific Islander
899 .Other Pacific
900 .Afro American
901 .Afro
902 .African American
903 .Black
904 .Negro
907 .Creole
913 .Central American Indian
914 .South American Indian
917 .Native American
918 .Indian
919 .Cherokee
920 .American Indian
922 .Eskimo
924 .White
925 .Anglo
927 .Appalachian
929 .Pennsylvania German
931 .Canadian
935 .French Canadian
936 .Acadian
937 .Cajun
939 .American
940 .United States
970 .New Mexico
983 .Texas
994 .North American
995 .Mixture
996 .Uncodable entries
997 .Other groups
998 .Other responses
999 .Not reported

ANC2P Character 3
Recoded Detailed Ancestry - second entry
000 .Suppressed for data year 2018 for select PUMAs
001 .Alsatan
003 .Austrian
005 .Basque
008 .Belgian
009 .Flemish
011 .British
012  .British Isles
020  .Danish
021  .Dutch
022  .English
024  .Finnish
026  .French
032  .German
040  .Prussian
046  .Greek
049  .Icelander
050  .Irish
051  .Italian
068  .Sicilian
077  .Luxembourger
078  .Maltese
082  .Norwegian
084  .Portuguese
087  .Scotch Irish
088  .Scottish
089  .Swedish
091  .Swiss
094  .Irish Scotch
097  .Welsh
098  .Scandinavian
099  .Celtic
100  .Albanian
102  .Belorussian
103  .Bulgarian
109  .Croatian
111  .Czech
112  .Bohemian
114  .Czechoslovakian
115  .Estonian
122  .German Russian
124  .Rom
125  .Hungarian
128  .Latvian
129  .Lithuanian
130  .Macedonian
131  .Montenegrin
142  .Polish
144  .Romanian
146  .Moldavian
148  .Russian
152  .Serbian
153  .Slovak
154  .Slovene
168  .Turkestanian
169  .Uzbek
170  .Georgia CIS
171  .Ukrainian
176  .Yugoslavian
177  .Bosnian and Herzegovinian
178  .Slavic
179  .Slavonian
181  .Central European
183  .Northern European
Southern European
Western European
Eastern European
Germanic
European
Spaniard
Mexican
Mexican American
Mexicano
Chicano
Mexican American Indian
Mexican State
Mexican Indian
Costa Rican
Guatemalan
Honduran
Nicaraguan
Panamanian
Salvadoran
Central American
Argentinean
Bolivian
Chilean
Colombian
Ecuadorean
Paraguayan
Peruvian
Uruguayan
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
404. Libyan
406. Moroccan
411. North African
416. Iranian
417. Iraqi
419. Israeli
421. Jordanian
423. Kuwaiti
425. Lebanese
427. Saudi Arabian
429. Syrian
431. Armenian
434. Turkish
435. Yemeni
442. Kurdish
465. Palestinian
483. Assyrian
484. Chaldean
490. Mideast
495. Arab
496. Arabic
499. Other Arab
508. Cameroonian
510. Cape Verdean
515. Congolese
522. Ethiopian
523. Eritrean
527. Gambian
529. Ghanaian
530. Guinean
534. Kenyan
541. Liberian
553. Nigerian
564. Senegalese
566. Sierra Leonean
568. Somali
570. South African
576. Sudanese
586. Togo
587. Other Subsaharan African
588. Ugandan
593. Zimbabwean
598. Western African
599. African
600. Afghan
603. Bangladeshi
607. Bhutanese
609. Nepali
615. Asian Indian
618. Bengali
620. East Indian
650. Punjabi
680. Pakistani
690. Sri Lankan
700. Burmese
703. Cambodian
706. Chinese
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54
995 .Mixture
996 .Uncodable entries
997 .Other groups
998 .Other responses
999 .Not reported

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

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

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

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

ESR Character 1
Employment status recode
b .N/A (less than 16 years old)
1 .Civilian employed, at work
2 .Civilian employed, with a job but not at work
3 .Unemployed
4 .Armed forces, at work
5 .Armed forces, with a job but not at work
6 .Not in labor force
FOD1P  Character  4
Recoded field of degree - first entry
bubb .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
5007 .Physics
5008 .Materials Science
5098 .Multi-Disciplinary Or General Science
5102 .Nuclear, Industrial Radiology, And Biological Technologies
5200 .Psychology
5201 .Educational Psychology
5202 .Clinical Psychology
5203 .Counseling Psychology
5205 .Industrial And Organizational Psychology
5206 .Social Psychology
5299 .Miscellaneous Psychology
5301 .Criminal Justice And Fire Protection
5401 .Public Administration
5402 .Public Policy
5403 .Human Services And Community Organization
5404 .Social Work
5500 .General Social Sciences
5501 .Economics
5502 .Anthropology And Archeology
5503 .Criminology
5504 .Geography
5505 .International Relations
5506 .Political Science And Government
5507 .Sociology
5599 .Miscellaneous Social Sciences
5601 .Construction Services
5701 .Electrical, Mechanical, And Precision Technologies And Production
5901 .Transportation Sciences And Technologies
6000 .Fine Arts
6001 .Drama And Theater Arts
6002 .Music
6003 .Visual And Performing Arts
6004 .Commercial Art And Graphic Design
6005 .Film Video And Photographic Arts
6006 .Art History And Criticism
6007 .Studio Arts
6099 .Miscellaneous Fine Arts
6100 .General Medical And Health Services
6102 .Communication Disorders Sciences And Services
6103 .Health And Medical Administrative Services
6104 .Medical Assisting Services
6105 .Medical Technologies Technicians
6106 .Health And Medical Preparatory Programs
6107 .Nursing
6108 .Pharmacy Pharmaceutical Sciences And Administration
6109 .Treatment Therapy Professions
6110 .Community And Public Health
6199 .Miscellaneous Health Medical Professions
6200 .General Business
6201 .Accounting
6202 .Actuarial Science
6203 .Business Management And Administration
6204 .Operations Logistics And E-Commerce
6205 .Business Economics
6206 .Marketing And Marketing Research
6207 .Finance
6209. Human Resources And Personnel Management
6210. International Business
6211. Hospitality Management
6212. Management Information Systems And Statistics
6299. Miscellaneous Business & Medical Administration
6402. History
6403. United States History

FOD2P  Character  4
Recoded field of degree - second entry
babb .N/A (less than bachelor's degree)
1100. General Agriculture
1101. Agriculture Production And Management
1102. Agricultural Economics
1103. Animal Sciences
1104. Food Science
1105. Plant Science And Agronomy
1106. Soil Science
1199. Miscellaneous Agriculture
1301. Environmental Science
1302. Forestry
1303. Natural Resources Management
1401. Architecture
1501. Area Ethnic And Civilization Studies
1901. Communications
1902. Journalism
1903. Mass Media
1904. Advertising And Public Relations
2001. Communication Technologies
2100. Computer And Information Systems
2101. Computer Programming And Data Processing
2102. Computer Science
2105. Information Sciences
2106. Computer Administration Management And Security
2107. Computer Networking And Telecommunications
2201. Cosmetology Services And Culinary Arts
2300. General Education
2301. Educational Administration And Supervision
2303. School Student Counseling
2304. Elementary Education
2305. Mathematics Teacher Education
2306. Physical And Health Education Teaching
2307. Early Childhood Education
2308. Science And Computer Teacher Education
2309. Secondary Teacher Education
2310. Special Needs Education
2311. Social Science Or History Teacher Education
2312. Teacher Education: Multiple Levels
2313. Language And Drama Education
2314. Art And Music Education
2399. Miscellaneous Education
2400. General Engineering
2401. Aerospace Engineering
2402. Biological Engineering
2403. Architectural Engineering
2404. Biomedical Engineering
2405. Chemical Engineering
2406 .Civil Engineering
2407 .Computer Engineering
2408 .Electrical Engineering
2409 .Engineering Mechanics Physics And Science
2410 .Environmental Engineering
2411 .Geological And Geophysical Engineering
2412 .Industrial And Manufacturing Engineering
2413 .Materials Engineering And Materials Science
2414 .Mechanical Engineering
2415 .Metallurgical Engineering
2416 .Mining And Mineral Engineering
2417 .Naval Architecture And Marine Engineering
2418 .Nuclear Engineering
2419 .Petroleum Engineering
2499 .Miscellaneous Engineering
2500 .Engineering Technologies
2501 .Engineering And Industrial Management
2502 .Electrical Engineering Technology
2503 .Industrial Production Technologies
2504 .Mechanical Engineering Related Technologies
2599 .Miscellaneous Engineering Technologies
2601 .Linguistics And Comparative Language And Literature
2602 .French German Latin And Other Common Foreign Language Studies
2603 .Other Foreign Languages
2901 .Family And Consumer Sciences
3201 .Court Reporting
3202 .Pre-Law And Legal Studies
3301 .English Language And Literature
3302 .Composition And Rhetoric
3401 .Liberal Arts
3402 .Humanities
3501 .Library Science
3600 .Biology
3601 .Biochemical Sciences
3602 .Botany
3603 .Molecular Biology
3604 .Ecology
3605 .Genetics
3606 .Microbiology
3607 .Pharmacology
3608 .Physiology
3609 .Zoology
3611 .Neuroscience
3699 .Miscellaneous Biology
3700 .Mathematics
3701 .Applied Mathematics
3702 .Statistics And Decision Science
3801 .Military Technologies
4000 .Multi/Interdisciplinary Studies
4001 .Intercultural And International Studies
4002 .Nutrition Sciences
4005 .Mathematics And Computer Science
4006 .Cognitive Science And Biopsychology
4007 .Interdisciplinary Social Sciences
4101 .Physical Fitness Parks Recreation And Leisure
4801 .Philosophy And Religious Studies
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<td>4901</td>
<td>Theology And Religious Vocations</td>
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<td>Astronomy And Astrophysics</td>
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<td>5002</td>
<td>Atmospheric Sciences And Meteorology</td>
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<td>Materials Science</td>
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<td>5102</td>
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<td>5200</td>
<td>Psychology</td>
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<td>5201</td>
<td>Educational Psychology</td>
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<td>Criminal Justice And Fire Protection</td>
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<td>Public Administration</td>
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<td>Public Policy</td>
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<td>Social Work</td>
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<td>Construction Services</td>
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<td>Electrical, Mechanical, And Precision Technologies And Production</td>
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<td>5901</td>
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<td>6000</td>
<td>Fine Arts</td>
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<td>6001</td>
<td>Drama And Theater Arts</td>
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<td>6002</td>
<td>Music</td>
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<td>6003</td>
<td>Visual And Performing Arts</td>
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<td>6004</td>
<td>Commercial Art And Graphic Design</td>
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<td>6005</td>
<td>Film Video And Photographic Arts</td>
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<td>6006</td>
<td>Art History And Criticism</td>
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<td>6007</td>
<td>Studio Arts</td>
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<td>6099</td>
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<td>6100</td>
<td>General Medical And Health Services</td>
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<td>6102</td>
<td>Communication Disorders Sciences And Services</td>
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<td>6103</td>
<td>Health And Medical Administrative Services</td>
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<td>6104</td>
<td>Medical Assisting Services</td>
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<td>6105</td>
<td>Medical Technologies Technicians</td>
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<td>6106</td>
<td>Health And Medical Preparatory Programs</td>
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<td>6107</td>
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<td>6108</td>
<td>Pharmacy Pharmaceutical Sciences And Administration</td>
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<td>6109</td>
<td>Treatment Therapy Professions</td>
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6207 .Finance
6209 .Human Resources And Personnel Management
6210 .International Business
6211 .Hospitality Management
6212 .Management Information Systems And Statistics
6299 .Miscellaneous Business & Medical Administration
6402 .History
6403 .United States History

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

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

**INDP Character 4**
Industry recode for 2018 and later based on 2017 IND codes
bbbb .N/A (less than 16 years old/NILF who last worked more than .5 years ago or never worked)
0170 .AGR-Crop Production
0180 .AGR-Animal Production And Aquaculture
0190 .AGR-Forestry Except Logging
0270 .AGR-Logging
0280 .AGR-Fishing, Hunting And Trapping
0290 .AGR-Support Activities For Agriculture And Forestry
0370 .EXT-Oil And Gas Extraction
0380 .EXT-Coal Mining
0390 .EXT-Metal Ore Mining
0470 .EXT-Nonmetallic Mineral Mining And Quarrying
0490 .EXT-Support Activities For Mining
0570 .UTL-Electric Power Generation, Transmission And .Distribution
0580 .UTL-Natural Gas Distribution
0590 .UTL-Electric And Gas, And Other Combinations
0670 .UTL-Water, Steam, Air Conditioning, And Irrigation Systems
0680 .UTL-Sewage Treatment Facilities
0690 .UTL-Not Specified Utilities
0770 .CON-Construction (The Cleaning Of Buildings And Dwellings .Is Incidental During Construction And Immediately After .Construction)
1070 .MFG-Animal Food, Grain And Oilseed Milling
1080 .MFG-Sugar And Confectionery Products
1090 .MFG-Fruit And Vegetable Preserving And Specialty Foods
1170 .MFG-Dairy Products
1180 .MFG-Animal Slaughtering And Processing
1190 .MFG-Retail Bakeries
1270 .MFG-Bakeries And Tortilla, Except Retail Bakeries
1280 .MFG-Seafood And Other Miscellaneous Foods, N.E.C.
1290 .MFG-Not Specified Food Industries
1370 .MFG-Beverage
1390 .MFG-Tobacco
1470 .MFG-Fiber, Yarn, And Thread Mills
1480 .MFG-Fabric Mills, Except Knitting Mills
1490 .MFG-Textile And Fabric Finishing And Fabric Coating Mills
1570 .MFG-Carpet And Rug Mills
1590 .MFG-Textile Product Mills, Except Carpet And Rug
1670 .MFG-Knitting Fabric Mills, And Apparel Knitting Mills
1691 .MFG-Cut And Sew, And Apparel Accessories And Other Apparel
1770 .MFG-Footwear
1790 .MFG-Leather And Hide Tanning And Finishing, And Other .Leather And Allied Products
1870 .MFG-Pulp, Paper, And Paperboard Mills
1880 .MFG-Paperboard Container
1890 .MFG-Miscellaneous Paper And Pulp Products
1990 .MFG-Printing And Related Support Activities
2070 .MFG-Petroleum Refining
2090 .MFG-Miscellaneous Petroleum And Coal Products
2170 .MFG-Resin, Synthetic Rubber, And Fibers And Filaments
2180 .MFG-Agricultural Chemicals
2190 .MFG-Pharmaceuticals And Medicines
2270 .MFG-Paint, Coating, And Adhesives
2280 .MFG-Soap, Cleaning Compound, And Cosmetics
2290 .MFG-Industrial And Miscellaneous Chemicals
2370 .MFG-Plastics Products
2380 .MFG-Tires
2390 .MFG-Rubber Products, Except Tires
2470 .MFG-Pottery, Ceramics, And Plumbing Fixture Manufacturing
2480 .MFG-Clay Building Material And Refractories
2490 .MFG-Glass And Glass Products
2570 .MFG-Cement, Concrete, Lime, And Gypsum Products
2590 .MFG-Miscellaneous Nonmetallic Mineral Products
<table>
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<tr>
<th>Classification</th>
<th>Description</th>
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<tbody>
<tr>
<td>2670</td>
<td>MFG-Iron And Steel Mills And Steel Products</td>
</tr>
<tr>
<td>2680</td>
<td>MFG-Aluminum Production And Processing</td>
</tr>
<tr>
<td>2690</td>
<td>MFG-Nonferrous Metal, Except Aluminum, Production And Processing</td>
</tr>
<tr>
<td>2770</td>
<td>MFG-Foundries</td>
</tr>
<tr>
<td>2780</td>
<td>MFG-Metal Forgings And Stampings</td>
</tr>
<tr>
<td>2790</td>
<td>MFG-Cutlery And Hand Tools</td>
</tr>
<tr>
<td>2870</td>
<td>MFG-Structural Metals, And Boiler, Tank, And Shipping Containers</td>
</tr>
<tr>
<td>2880</td>
<td>MFG-Machine Shops; Turned Products; Screws, Nuts And Bolts</td>
</tr>
<tr>
<td>2890</td>
<td>MFG-Coating, Engraving, Heat Treating And Allied Activities</td>
</tr>
<tr>
<td>2970</td>
<td>MFG-Ordnance</td>
</tr>
<tr>
<td>2980</td>
<td>MFG-Miscellaneous Fabricated Metal Products</td>
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<tr>
<td>2990</td>
<td>MFG-Not Specified Metal Industries</td>
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<tr>
<td>3070</td>
<td>MFG-Agricultural Implements</td>
</tr>
<tr>
<td>3080</td>
<td>MFG-Construction, And Mining And Oil And Gas Field Machinery</td>
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<tr>
<td>3095</td>
<td>MFG-Commercial And Service Industry Machinery</td>
</tr>
<tr>
<td>3170</td>
<td>MFG-Metalworking Machinery</td>
</tr>
<tr>
<td>3180</td>
<td>MFG-Engine, Turbine, And Power Transmission Equipment</td>
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<tr>
<td>3291</td>
<td>MFG-Machinery N.E.C. Or Not Specified</td>
</tr>
<tr>
<td>3365</td>
<td>MFG-Computer And Peripheral Equipment</td>
</tr>
<tr>
<td>3370</td>
<td>MFG-Communications, And Audio And Video Equipment</td>
</tr>
<tr>
<td>3380</td>
<td>MFG-Navigational, Measuring, Electromedical, And Control Instruments</td>
</tr>
<tr>
<td>3390</td>
<td>MFG-Electronic Components And Products, N.E.C.</td>
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<tr>
<td>3470</td>
<td>MFG-Household Appliances</td>
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<tr>
<td>3490</td>
<td>MFG-Electric Lighting And Electrical Equipment Manufacturing, And Other Electrical Component Manufacturing, N.E.C.</td>
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<tr>
<td>3570</td>
<td>MFG-Motor Vehicles And Motor Vehicle Equipment</td>
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<tr>
<td>3580</td>
<td>MFG-Aircraft And Parts</td>
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<tr>
<td>3590</td>
<td>MFG-Aerospace Products And Parts</td>
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<tr>
<td>3670</td>
<td>MFG-Railroad Rolling Stock</td>
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<tr>
<td>3680</td>
<td>MFG-Ship And Boat Building</td>
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<td>3690</td>
<td>MFG-Other Transportation Equipment</td>
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<tr>
<td>3770</td>
<td>MFG-Sawmills And Wood Preservation</td>
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<tr>
<td>3780</td>
<td>MFG-Veneer, Plywood, And Engineered Wood Products</td>
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<tr>
<td>3790</td>
<td>MFG-Prefabricated Wood Buildings And Mobile Homes</td>
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<tr>
<td>3875</td>
<td>MFG-Miscellaneous Wood Products</td>
</tr>
<tr>
<td>3895</td>
<td>MFG-Furniture And Related Products</td>
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<tr>
<td>3960</td>
<td>MFG-Medical Equipment And Supplies</td>
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<tr>
<td>3970</td>
<td>MFG-Sporting And Athletic Goods, And Doll, Toy, And Game Manufacturing</td>
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<tr>
<td>3980</td>
<td>MFG-Miscellaneous Manufacturing, N.E.C.</td>
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<tr>
<td>3990</td>
<td>MFG-Not Specified Manufacturing Industries</td>
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<tr>
<td>4070</td>
<td>WHL-Motor Vehicle And Motor Vehicle Parts And Supplies Merchant Wholesalers</td>
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<tr>
<td>4080</td>
<td>WHL-Furniture And Home Furnishing Merchant Wholesalers</td>
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<tr>
<td>4090</td>
<td>WHL-Lumber And Other Construction Materials Merchant Wholesalers</td>
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<tr>
<td>4170</td>
<td>WHL-Professional And Commercial Equipment And Supplies Merchant Wholesalers</td>
</tr>
<tr>
<td>4180</td>
<td>WHL-Metals And Minerals, Except Petroleum, Merchant Wholesalers</td>
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<tr>
<td>4195</td>
<td>WHL-Household Appliances And Electrical And Electronic Goods Merchant Wholesalers</td>
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</table>
4265 .WHL-Hardware, And Plumbing And Heating Equipment, And Supplies Merchant Wholesalers
4270 .WHL-Machinery, Equipment, And Supplies Merchant Wholesalers
4280 .WHL-Recyclable Material Merchant Wholesalers
4290 .WHL-Miscellaneous Durable Goods Merchant Wholesalers
4370 .WHL-Paper And Paper Products Merchant Wholesalers
4380 .WHL-Drugs, Sundries, And Chemical And Allied Products Merchant Wholesalers
4390 .WHL-Apparel, Piece Goods, And Notions Merchant Wholesalers
4470 .WHL-Grocery And Related Product Merchant Wholesalers
4480 .WHL-Farm Product Raw Material Merchant Wholesalers
4490 .WHL-Petroleum And Petroleum Products Merchant Wholesalers
4560 .WHL-Alcoholic Beverages Merchant Wholesalers
4570 .WHL-Farm Supplies Merchant Wholesalers
4580 .WHL-Miscellaneous Nondurable Goods Merchant Wholesalers
4585 .WHL-Wholesale Electronic Markets And Agents And Brokers
4590 .WHL-Not Specified Wholesale Trade
4670 .RET-Automobile Dealers
4680 .RET-Other Motor Vehicle Dealers
4690 .RET-Automotive Parts, Accessories, And Tire Stores
4770 .RET-Furniture And Home Furnishings Stores
4780 .RET-Household Appliance Stores
4795 .RET-Electronics Stores
4870 .RET-Building Material And Supplies Dealers
4880 .RET-Hardware Stores
4890 .RET-Lawn And Garden Equipment And Supplies Stores
4971 .RET-Supermarkets and Other Grocery (Except Convenience) Stores
4972 .RET-Convenience Stores
4980 .RET-Specialty Food Stores
4990 .RET-Beer, Wine, And Liquor Stores
5070 .RET-Pharmacies And Drug Stores
5080 .RET-Health And Personal Care, Except Drug, Stores
5090 .RET-Gasoline Stations
5170 .RET-Clothing Stores
5180 .RET-Shoe Stores
5190 .RET-Jewelry, Luggage, And Leather Goods Stores
5275 .RET-Sporting Goods, And Hobby And Toy Stores
5280 .RET-Sewing, Needlework, And Piece Goods Stores
5295 .RET-Musical Instrument And Supplies Stores
5370 .RET-Book Stores And News Dealers
5381 .RET-Department Stores
5391 .RET-General Merchandise Stores, Including Warehouse Clubs .and Supercenters
5470 .RET-Florists
5480 .RET-Office Supplies And Stationery Stores
5490 .RET-Used Merchandise Stores
5570 .RET-Gift, Novelty, And Souvenir Shops
5580 .RET-Miscellaneous Retail Stores
5593 .RET-Electronic Shopping And Mail-Order Houses
5670 .RET-Vending Machine Operators
5680 .RET-Fuel Dealers
5690 .RET-Other Direct Selling Establishments
5790 .RET-Not Specified Retail Trade
6070 .TRN-Air Transportation
6080 .TRN-Rail Transportation
6090 .TRN-Water Transportation
6170 .TRN-Truck Transportation
6180 .TRN-Bus Service And Urban Transit
6190 .TRN-Taxi And Limousine Service
6270 .TRN-Pipeline Transportation
6280 .TRN-Scenic And Sightseeing Transportation
6290 .TRN-Services Incidental To Transportation
6370 .TRN-Postal Service
6380 .TRN-Couriers And Messengers
6390 .TRN-Warehousing And Storage
6470 .INF-Newspaper Publishers
6480 .INF-Periodical, Book, And Directory Publishers
6490 .INF-Software Publishers
6570 .INF-Motion Picture And Video Industries
6590 .INF-Sound Recording Industries
6670 .INF-Broadcasting, Except Internet
6672 .INF-Internet Publishing And Broadcasting And Web Search Portals
6680 .INF-Wired Telecommunications Carriers
6690 .INF-Telecommunications, Except Wired Telecommunications Carriers
6695 .INF-Other Information Services, Except Libraries And Archives, And Internet Publishing And Broadcasting And Web Search Portals
6870 .FIN-Banking And Related Activities
6880 .FIN-Savings Institutions, Including Credit Unions
6890 .FIN-Nondepository Credit And Related Activities
6970 .FIN-Securities, Commodities, Funds, Trusts, And Other Financial Investments
6991 .FIN-Insurance Carriers
6992 .FIN-Agencies, Brokerage, And Other Insurance Related Activities
7071 .FIN-Lessors Of Real Estate, And Offices Of Real Estate Agents And Brokers
7072 .FIN-Real Estate Property Managers, Offices Of Real Estates Appraisers, And Other Activities Related To Real Estates
7080 .FIN-Automotive Equipment Rental And Leasing
7181 .FIN-Other Consumer Goods Rental
7190 .FIN-Commercial, Industrial, And Other Intangible Assets Rental And Leasing
7270 .PRF-Legal Services
7280 .PRF-Accounting, Tax Preparation, Bookkeeping, And Payroll Services
7290 .PRF-Architectural, Engineering, And Related Services
7370 .PRF-Specialized Design Services
7380 .PRF-Computer Systems Design And Related Services
7390 .PRF-Management, Scientific, And Technical Consulting Services
7460 .PRF-Scientific Research And Development Services
7470 .PRF-Advertising, Public Relations, And Related Services
7480 .PRF-Veterinary Services
7490 .PRF-Other Professional, Scientific, And Technical Services
7570 .PRF-Management Of Companies And Enterprises
7580 .PRF-Employment Services
7590 .PRF-Business Support Services
7670 .PRF-Travel Arrangements And Reservation Services
9090 .SRV-Other Personal Services
9160 .SRV-Religious Organizations
9170 .SRV-Civic, Social, Advocacy Organizations, And Grantmaking .And Giving Services
9180 .SRV-Labor Unions
9190 .SRV-Business, Professional, Political, And Similar .Organizations
9290 .SRV-Private Households
9370 .ADM-Executive Offices And Legislative Bodies
9380 .ADM-Public Finance Activities
9390 .ADM-Other General Government And Support
9470 .ADM-Justice, Public Order, And Safety Activities
9480 .ADM-Administration Of Human Resource Programs
9490 .ADM-Administration Of Environmental Quality And Housing .Programs
9570 .ADM-Administration Of Economic Programs And Space Research
9590 .ADM-National Security And International Affairs
9670 .MIL-U.S. Army
9680 .MIL-U.S. Air Force
9690 .MIL-U.S. Navy
9770 .MIL-U.S. Marines
9780 .MIL-U.S. Coast Guard
9790 .MIL-U.S. Armed Forces, Branch Not Specified
9870 .MIL-Military Reserves Or National Guard
9920 .Unemployed And Last Worked 5 Years Ago Or Earlier Or Never .Worked

JWAP Character 3

Time of arrival at work - hour and minute
bbb .N/A (not a worker; worker who worked at home)
001 .12:00 a.m. to 12:04 a.m.
002 .12:05 a.m. to 12:09 a.m.
003 .12:10 a.m. to 12:14 a.m.
004 .12:15 a.m. to 12:19 a.m.
005 .12:20 a.m. to 12:24 a.m.
006 .12:25 a.m. to 12:29 a.m.
007 .12:30 a.m. to 12:34 a.m.
008 .12:35 a.m. to 12:39 a.m.
009 .12:40 a.m. to 12:44 a.m.
010 .12:45 a.m. to 12:49 a.m.
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**JWDP Character 3**

**Time of departure for work - hour and minute**

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

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<td>8:40 p.m.</td>
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<td>9:00 p.m.</td>
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</table>
LANP  Character  4
Language spoken at home
bbbb .N/A (GQ/vacant)
1000 .Jamaican Creole English
1025 .Other English-based Creole languages
1055 .Haitian
1069 .Kabuverdianu
1110 .German
1120 .Swiss German
1125 .Pennsylvania German
1130 .Yiddish
1132 .Dutch
1134 .Afrikaans
1140 .Swedish
1141 .Danish
1142 .Norwegian
1155 .Italian
1170 .French
1175 .Cajun French
1200 .Spanish
1210 .Portuguese
1220 .Romanian
1231 .Irish
1235 .Greek
1242 .Albanian
1250 .Russian
1260 .Ukrainian
1262 .Czech
1263 .Slovak
1270 .Polish
1273 .Bulgarian
1274 .Macedonian
1275 .Serbocroatian
1276 .Bosnian
1277 .Croatian
1278 .Serbian
1281 .Lithuanian
1283 .Latvian
1288 .Armenian
1290 .Parsi
1292 .Dari
1315 .Kurdish
1327 .Pashto
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
7039 .Keres
7050 .Cherokee
7060 .Uto-Aztecan languages
7124 .Other Native North American languages
7300 .Other Central and South American languages
9999 .Other and unspecified languages

**MIGPUMA Character 5**
Migration PUMA based on 2010 Census definition

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<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>bbbbbb</td>
<td>N/A (person less than 1 year old/lived in same house 1 year ago)</td>
</tr>
<tr>
<td>00001</td>
<td>Did not live in the United States or in Puerto Rico one year ago</td>
</tr>
<tr>
<td>00002</td>
<td>Lived in Puerto Rico one year ago and current residence is in the U.S.</td>
</tr>
<tr>
<td>00100</td>
<td>Assigned Migration PUMA. Use with MIGSP.</td>
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**MIGSP Character 3**
Migration recode - State or foreign country code

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<tbody>
<tr>
<td>bbb</td>
<td>N/A (person less than 1 year old/lived in same house 1 year ago)</td>
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<td>001</td>
<td>Alabama/AL</td>
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<tr>
<td>002</td>
<td>Alaska/AK</td>
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<tr>
<td>004</td>
<td>Arizona/AZ</td>
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<tr>
<td>005</td>
<td>Arkansas/AR</td>
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<tr>
<td>006</td>
<td>California/CA</td>
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<tr>
<td>008</td>
<td>Colorado/CO</td>
</tr>
<tr>
<td>009</td>
<td>Connecticut/CT</td>
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<tr>
<td>010</td>
<td>Delaware/DE</td>
</tr>
<tr>
<td>011</td>
<td>District of Columbia/DC</td>
</tr>
</tbody>
</table>
214. Israel
215. Japan
217. Korea
229. Nepal
231. Pakistan
233. Philippines
235. Saudi Arabia
240. Taiwan
242. Thailand
243. Turkey
245. United Arab Emirates
247. Vietnam
251. Eastern Asia, Not Specified
252. Western Asia, Not Specified
253. South Central Asia or Asia, Not Specified
301. Canada
303. Mexico
312. El Salvador
313. Guatemala
314. Honduras
317. Central America, Not Specified
327. Cuba
329. Dominican Republic
332. Haiti
333. Jamaica
344. Caribbean and North America, Not Specified
362. Brazil
364. Colombia
365. Ecuador
370. Peru
373. Venezuela
374. South America, Not Specified
414. Egypt
416. Ethiopia
427. Kenya
440. Nigeria
467. Western Africa, Not Specified
468. Other Africa, Not Specified
469. Eastern Africa, Not Specified
501. Australia
555. Other US Island Areas, Oceania, Not Specified, or At Sea

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

NAICSP  
Character  8  
North American Industry Classification System (NAICS) recode for 2018 and later based on 2017 NAICS codes
  bbbbbbbb  .N/A (less than 16 years old/NILF who last worked more than 5 years ago or never worked)
3254 .MFG-Pharmaceuticals And Medicines
3255 .MFG-Paint, Coating, And Adhesives
3256 .MFG-Soap, Cleaning Compound, And Cosmetics
325M .MFG-Industrial And Miscellaneous Chemicals
3261 .MFG-Plastics Products
32621 .MFG-Tires
3262M .MFG-Rubber Products, Except Tires
32711 .MFG-Pottery, Ceramics, And Plumbing Fixture .Manufacturing
327120 .MFG-Clay Building Material And Refractories
3272 .MFG-Glass And Glass Products
3279 .MFG-Miscellaneous Nonmetallic Mineral Products
327M .MFG-Cement, Concrete, Lime, And Gypsum Products
3313 .MFG-Aluminum Production And Processing
3314 .MFG-Nonferrous Metal, Except Aluminum, Production And .Processing
3315 .MFG-Foundries
331M .MFG-Iron And Steel Mills And Steel Products
3321 .MFG-Metal Forgings And Stampings
3322 .MFG-Cutlery And Hand Tools
3327 .MFG-Machine Shops; Turned Products; Screws, Nuts And .Bolts
3328 .MFG-Coating, Engraving, Heat Treating And Allied .Activities
3329M .MFG-Ordnance
332M .MFG-Structural Metals, And Boiler, Tank, And Shipping .Containers
332MZ .MFG-Miscellaneous Fabricated Metal Products
3331 .MFG-Agricultural Implements
3331M .MFG-Construction, And Mining And Oil And Gas Field .Machinery
3333 .MFG-Commercial And Service Industry Machinery
3335 .MFG-Metalworking Machinery
3336 .MFG-Engine, Turbine, And Power Transmission Equipment
333MS .MFG-Machinery Manufacturing, N.E.C. Or Not Specified
3341 .MFG-Computer And Peripheral Equipment
3345 .MFG-Navigational, Measuring, Electromedical, And .Control Instruments
334M1 .MFG-Communications, And Audio And Video Equipment
334M2 .MFG-Electronic Components And Products, N.E.C.
3352 .MFG-Household Appliances
335M .MFG-Electric Lighting, And Electrical Equipment .Manufacturing, And Other Electrical Component .Manufacturing, N.E.C.
33641M1 .MFG-Aircraft And Parts
33641M2 .MFG-Aerospace Products And Parts
3365 .MFG-Railroad Rolling Stock
3366 .MFG-Ship And Boat Building
3369 .MFG-Other Transportation Equipment
336M .MFG-Motor Vehicles And Motor Vehicle Equipment
337 .MFG-Furniture And Related Products
3391 .MFG-Medical Equipment And Supplies
3399M .MFG-Sporting And Athletic Goods, And Doll, Toy, And .Game Manufacturing
33992M .MFG-Miscellaneous Manufacturing, N.E.C.
33MS .MFG-Not Specified Metal Industries
3MS .MFG-Not Specified Industries

81
82

4231 .WHL-Motor Vehicles And Motor Vehicle Parts And Supplies
 .Merchant Wholesalers
4232 .WHL-Furniture And Home Furnishing Merchant Wholesalers
4233 .WHL-Lumber And Other Construction Materials Merchant
 .Wholesalers
4234 .WHL-Professional And Commercial Equipment And Supplies
 .Merchant Wholesalers
4235 .WHL-Metals And Minerals, Except Petroleum, Merchant
 .Wholesalers
4236 .WHL-Household Appliances And Electrical And Electronic
 .Goods Merchant Wholesalers
4237 .WHL-Hardware, And Plumbing And Heating Equipment, And
 .Supplies Merchant Wholesalers
4238 .WHL-Machinery, Equipment, And Supplies Merchant
 .Wholesalers
42393 .WHL-Recyclable Material Merchant Wholesalers
42392 .WHL-Miscellaneous Durable Goods Merchant Wholesalers
4241 .WHL-Paper And Paper Products Merchant Wholesalers
4243 .WHL-Apparel, Piece Goods, And Notions Merchant
 .Wholesalers
4244 .WHL-Grocery And Related Product Merchant Wholesalers
4245 .WHL-Farm Product Raw Material Merchant Wholesalers
4247 .WHL-Petroleum And Petroleum Products Merchant
 .Wholesalers
4248 .WHL-Alcoholic Beverages Merchant Wholesalers
42491 .WHL-Farm Supplies Merchant Wholesalers
42492 .WHL-Miscellaneous Nondurable Goods Merchant Wholesalers
424M .WHL-Drugs, Sundries, And Chemical And Allied Products
 .Merchant Wholesalers
4251 .WHL-Wholesale Electronic Markets And Agents And Brokers
42S .WHL-Not Specified Wholesale Trade
4411 .RET-Automobile Dealers
4412 .RET-Other Motor Vehicle Dealers
4413 .RET-Automotive Parts, Accessories, And Tire Stores
442 .RET-Furniture And Home Furnishings Stores
443141 .RET-Household Appliance Stores
443142 .RET-Electronics Stores
44413 .RET-Hardware Stores
44412 .RET-Building Material And Supplies Dealers
4442 .RET-Lawn And Garden Equipment And Supplies Stores
44511 .RET-Supermarkets And Grocery (Except Convenience)
 .Stores
44512 .RET-Convenience Stores
4452 .RET-Specialty Food Stores
4453 .RET-Beer, Wine, And Liquor Stores
44611 .RET-Pharmacies And Drug Stores
446Z .RET-Health And Personal Care, Except Drug, Stores
447 .RET-Gasoline Stations
44821 .RET-Shoe Stores
4483 .RET-Jewelry, Luggage, And Leather Goods Stores
4481 .RET-Clothing Stores
45113 .RET-Sewing, Needlework, And Piece Goods Stores
45114 .RET-Musical Instrument And Supplies Stores
4511M .RET-Sporting Goods, And Hobby And Toy Stores
45121 .RET-Book Stores And News Dealers
45221 .RET-Department Stores
83
811192 .SRV-Car Washes
81112 .SRV-Automotive Repair And Maintenance
81112 .SRV-Electronic And Precision Equipment Repair And
     Maintenance
8113 .SRV-Commercial And Industrial Machinery And Equipment
     Repair And Maintenance
8114 .SRV-Personal And Household Goods Repair And Maintenance
8121 M .SRV-Beauty Salons
81211 M .SRV-Nail Salons And Other Personal Care Services
8122 .SRV-Funeral Homes, Cemeteries And Crematories
8123 .SRV-Drycleaning And Laundry Services
8129 .SRV-Other Personal Services
8131 .SRV-Religious Organizations
81393 .SRV-Labor Unions
81392 .SRV-Business, Professional, Political, And Similar
     Organizations
813 M .SRV-Civic, Social, Advocacy Organizations, And
     Grantmaking And Giving Services
814 .SRV-Private Households
92113 .ADM-Public Finance Activities
92119 .ADM-Other General Government And Support
9211 MP .ADM-Executive Offices And Legislative Bodies
923 .ADM-Administration Of Human Resource Programs
928110 P1 .MIL-U.S. Army
928110 P2 .MIL-U.S. Air Force
928110 P3 .MIL-U.S. Navy
928110 P4 .MIL-U.S. Marines
928110 P5 .MIL-U.S. Coast Guard
928110 P6 .MIL-U.S. Armed Forces, Branch Not Specified
928110 P7 .MIL-Military Reserves Or National Guard
928P .ADM-National Security And International Affairs
92 M1 .ADM-Administration Of Environmental Quality And Housing
     Programs
92 M2 .ADM-Administration Of Economic Programs And Space
     Research
92 MP .ADM-Justice, Public Order, And Safety Activities
999920 .Unemployed And Last Worked 5 Years Ago Or Earlier Or
     Never Worked

NATIVITY Character  1
Nativity
1 .Native
2 .Foreign born

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

**OC Character 1**

Own child
0. No (includes GQ)
1. Yes

**OCCP Character 4**

Occupation recode for 2018 and later based on 2018 OCC codes

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nnnn .N/A (less than 16 years old/NLF who last worked more than .5 years ago or never worked)
0010 .MGR-Chief Executives And Legislators
0020 .MGR-General And Operations Managers
0040 .MGR-Advertising And Promotions Managers
0051 .MGR-Marketing Managers
0052 .MGR-Sales Managers
0060 .MGR-Public Relations And Fundraising Managers
0101 .MGR-Administrative Services Managers
0102 .MGR-Facilities Managers
0110 .MGR-Computer And Information Systems Managers
0120 .MGR-Financial Managers
0135 .MGR-Compensation And Benefits Managers
0136 .MGR-Human Resources Managers
0137 .MGR-Training And Development Managers
0140 .MGR-Industrial Production Managers
0150 .MGR-Purchasing Managers
0160 .MGR-Transportation, Storage, And Distribution Managers
0205 .MGR-Farmers, Ranchers, And Other Agricultural Managers
0220 .MGR-Construction Managers
0230 .MGR-Education And Childcare Administrators
0300 .MGR-Architectural And Engineering Managers
0310 .MGR-Food Service Managers
0335 .MGR-Entertainment and Recreation Managers
0340 .MGR-Lodging Managers
0350 .MGR-Medical And Health Services Managers
0360 .MGR-Natural Sciences Managers
0410 .MGR-Property, Real Estate, And Community Association Managers
0420 .MGR-Social And Community Service Managers
0425 .MGR-Emergency Management Directors
0440 .MGR-Other Managers
0500 .BUS-Agents And Business Managers Of Artists, Performers, And Athletes
0510 .BUS-Buyers And Purchasing Agents, Farm Products
0520 .BUS-Wholesale And Retail Buyers, Except Farm Products
0530 .BUS-Purchasing Agents, Except Wholesale, Retail, And Farm Products
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<th>Business/Financial/Management/Other</th>
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<tr>
<td>0540</td>
<td>.BUS-Claims Adjusters, Appraisers, Examiners, And Investigators</td>
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<td>0565</td>
<td>.BUS-Compliance Officers</td>
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<td>.BUS-Cost Estimators</td>
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<td>.BUS-Human Resources Workers</td>
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<td>.CMM-Operations Research Analysts</td>
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<td>.ENG-Landscape Architects</td>
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<tr>
<td>1310</td>
<td>.ENG-Surveyors, Cartographers, And Photogrammetrists</td>
</tr>
<tr>
<td>1320</td>
<td>.ENG-Aerospace Engineers</td>
</tr>
<tr>
<td>1340</td>
<td>.ENG-Biomedical And Agricultural Engineers</td>
</tr>
<tr>
<td>1350</td>
<td>.ENG-Chemical Engineers</td>
</tr>
<tr>
<td>1360</td>
<td>.ENG-Civil Engineers</td>
</tr>
<tr>
<td>1400</td>
<td>.ENG-Computer Hardware Engineers</td>
</tr>
<tr>
<td>1410</td>
<td>.ENG-Electrical And Electronics Engineers</td>
</tr>
<tr>
<td>1420</td>
<td>.ENG-Environmental Engineers</td>
</tr>
<tr>
<td>1430</td>
<td>.ENG-Industrial Engineers, Including Health And Safety</td>
</tr>
<tr>
<td>1440</td>
<td>.ENG-Marine Engineers And Naval Architects</td>
</tr>
<tr>
<td>1450</td>
<td>.ENG-Materials Engineers</td>
</tr>
<tr>
<td>1460</td>
<td>.ENG-Mechanical Engineers</td>
</tr>
<tr>
<td>Code</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
<td>-------------</td>
</tr>
<tr>
<td>1520</td>
<td>.ENG-Petroleum, Mining And Geological Engineers, Including Mining Safety Engineers</td>
</tr>
<tr>
<td>1530</td>
<td>.ENG-Other Engineers</td>
</tr>
<tr>
<td>1541</td>
<td>.ENG-Architectural And Civil Drafters</td>
</tr>
<tr>
<td>1545</td>
<td>.ENG-Other Drafters</td>
</tr>
<tr>
<td>1551</td>
<td>.ENG-Electrical And Electronic Engineering Technologists and Technicians</td>
</tr>
<tr>
<td>1555</td>
<td>.Other Engineering Technologists And Technicians, Except Drafters</td>
</tr>
<tr>
<td>1560</td>
<td>.ENG-Surveying And Mapping Technicians</td>
</tr>
<tr>
<td>1600</td>
<td>.SCI-Agricultural And Food Scientists</td>
</tr>
<tr>
<td>1610</td>
<td>.SCI-Biological Scientists</td>
</tr>
<tr>
<td>1640</td>
<td>.SCI-Conservation Scientists And Foresters</td>
</tr>
<tr>
<td>1650</td>
<td>.SCI-Other Life Scientists</td>
</tr>
<tr>
<td>1700</td>
<td>.SCI-Astronomers And Physicists</td>
</tr>
<tr>
<td>1710</td>
<td>.SCI-Atmospheric And Space Scientists</td>
</tr>
<tr>
<td>1720</td>
<td>.SCI-Chemists And Materials Scientists</td>
</tr>
<tr>
<td>1745</td>
<td>.SCI-Environmental Scientists And Specialists, Including Health</td>
</tr>
<tr>
<td>1750</td>
<td>.SCI-Geoscientists And Hydrologists, Except Geographers</td>
</tr>
<tr>
<td>1760</td>
<td>.SCI-Physical Scientists, All Other</td>
</tr>
<tr>
<td>1800</td>
<td>.SCI-Economists</td>
</tr>
<tr>
<td>1821</td>
<td>.SCI-Clinical And Counseling Psychologists</td>
</tr>
<tr>
<td>1822</td>
<td>.SCI-School Psychologists</td>
</tr>
<tr>
<td>1825</td>
<td>.SCI-Other Psychologists</td>
</tr>
<tr>
<td>1840</td>
<td>.SCI-Urban And Regional Planners</td>
</tr>
<tr>
<td>1860</td>
<td>.SCI-Other Social Scientists</td>
</tr>
<tr>
<td>1900</td>
<td>.SCI-Agricultural And Food Science Technicians</td>
</tr>
<tr>
<td>1910</td>
<td>.SCI-Biological Technicians</td>
</tr>
<tr>
<td>1920</td>
<td>.SCI-Chemical Technicians</td>
</tr>
<tr>
<td>1935</td>
<td>.SCI-Environmental Science and Geoscience Technicians, And Nuclear Technicians</td>
</tr>
<tr>
<td>1970</td>
<td>.SCI-Other Life, Physical, And Social Science Technicians</td>
</tr>
<tr>
<td>1980</td>
<td>.SCI-Occupational Health And Safety Specialists and Technicians</td>
</tr>
<tr>
<td>2001</td>
<td>.CMS-Substance Abuse And Behavioral Disorder Counselors</td>
</tr>
<tr>
<td>2002</td>
<td>.CMS-Educational, Guidance, And Career Counselors And Advisors</td>
</tr>
<tr>
<td>2003</td>
<td>.CMS-Marriage And Family Therapists</td>
</tr>
<tr>
<td>2004</td>
<td>.CMS-Mental Health Counselors</td>
</tr>
<tr>
<td>2005</td>
<td>.CMS-Rehabilitation Counselors</td>
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<tr>
<td>2006</td>
<td>.CMS-Counselors, All Other</td>
</tr>
<tr>
<td>2011</td>
<td>.CMS-Child, Family, And School Social Workers</td>
</tr>
<tr>
<td>2012</td>
<td>.CMS-Healthcare Social Workers</td>
</tr>
<tr>
<td>2013</td>
<td>.CMS-Mental Health And Substance Abuse Social Workers</td>
</tr>
<tr>
<td>2014</td>
<td>.CMS-Social Workers, All Other</td>
</tr>
<tr>
<td>2015</td>
<td>.CMS-Probation Officers And Correctional Treatment Specialists</td>
</tr>
<tr>
<td>2016</td>
<td>.CMS-Social And Human Service Assistants</td>
</tr>
<tr>
<td>2025</td>
<td>.CMS-Other Community and Social Service Specialists</td>
</tr>
<tr>
<td>2040</td>
<td>.CMS-Clergy</td>
</tr>
<tr>
<td>2050</td>
<td>.CMS-Directors, Religious Activities And Education</td>
</tr>
<tr>
<td>2060</td>
<td>.CMS-Religious Workers, All Other</td>
</tr>
<tr>
<td>2100</td>
<td>.LGL-Lawyers, And Judges, Magistrates, And Other Judicial Workers</td>
</tr>
<tr>
<td>2105</td>
<td>.LGL-Judicial Law Clerks</td>
</tr>
<tr>
<td>2145</td>
<td>.LGL-Paralegals And Legal Assistants</td>
</tr>
<tr>
<td>Code</td>
<td>Occupation</td>
</tr>
<tr>
<td>------</td>
<td>------------------------------------------------</td>
</tr>
<tr>
<td>3160</td>
<td>.MED-Physical Therapists</td>
</tr>
<tr>
<td>3200</td>
<td>.MED-Radiation Therapists</td>
</tr>
<tr>
<td>3210</td>
<td>.MED-Recreational Therapists</td>
</tr>
<tr>
<td>3220</td>
<td>.MED-Respiratory Therapists</td>
</tr>
<tr>
<td>3230</td>
<td>.MED-Speech-Language Pathologists</td>
</tr>
<tr>
<td>3245</td>
<td>.MED-Other Therapists</td>
</tr>
<tr>
<td>3250</td>
<td>.MED-Veterinarians</td>
</tr>
<tr>
<td>3255</td>
<td>.MED-Registered Nurses</td>
</tr>
<tr>
<td>3256</td>
<td>.MED-Nurse Anesthetists</td>
</tr>
<tr>
<td>3258</td>
<td>.MED-Nurse Practitioners, And Nurse Midwives</td>
</tr>
<tr>
<td>3261</td>
<td>.MED-Acupuncturists</td>
</tr>
<tr>
<td>3270</td>
<td>.MED-Healthcare Diagnosing Or Treating Practitioners, All Other</td>
</tr>
<tr>
<td>3300</td>
<td>.MED-Clinical Laboratory Technologists And Technicians</td>
</tr>
<tr>
<td>3310</td>
<td>.MED-Dental Hygienists</td>
</tr>
<tr>
<td>3321</td>
<td>.MED-Cardiovascular Technologists and Technicians</td>
</tr>
<tr>
<td>3322</td>
<td>.MED-Diagnostic Medical Sonographers</td>
</tr>
<tr>
<td>3323</td>
<td>.MED-Radiologic Technologists And Technicians</td>
</tr>
<tr>
<td>3324</td>
<td>.MED-Magnetic Resonance Imaging Technologists</td>
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<tr>
<td>3330</td>
<td>.MED-Nuclear Medicine Technologists and Medical Dosimetrists</td>
</tr>
<tr>
<td>3401</td>
<td>.MED-Emergency Medical Technicians</td>
</tr>
<tr>
<td>3402</td>
<td>.MED-Paramedics</td>
</tr>
<tr>
<td>3421</td>
<td>.MED-Pharmacy Technicians</td>
</tr>
<tr>
<td>3422</td>
<td>.MED-Psychiatric Technicians</td>
</tr>
<tr>
<td>3423</td>
<td>.MED-Surgical Technologists</td>
</tr>
<tr>
<td>3424</td>
<td>.MED-Veterinary Technologists and Technicians</td>
</tr>
<tr>
<td>3430</td>
<td>.MED-Dietetic Technicians and Ophthalmic Medical Technicians</td>
</tr>
<tr>
<td>3500</td>
<td>.MED-Licensed Practical And Licensed Vocational Nurses</td>
</tr>
<tr>
<td>3515</td>
<td>.MED-Medical Records Specialists</td>
</tr>
<tr>
<td>3520</td>
<td>.MED-Opticians, Dispensing</td>
</tr>
<tr>
<td>3545</td>
<td>.MED-Miscellaneous Health Technologists and Technicians</td>
</tr>
<tr>
<td>3550</td>
<td>.MED-Other Healthcare Practitioners and Technical Occupations</td>
</tr>
<tr>
<td>3601</td>
<td>.HLS-Home Health Aides</td>
</tr>
<tr>
<td>3602</td>
<td>.HLS-Personal Care Aides</td>
</tr>
<tr>
<td>3603</td>
<td>.HLS-Nursing Assistants</td>
</tr>
<tr>
<td>3605</td>
<td>.HLS-Orderlies and Psychiatric Aides</td>
</tr>
<tr>
<td>3610</td>
<td>.HLS-Occupational Therapy Assistants And Aides</td>
</tr>
<tr>
<td>3620</td>
<td>.HLS-Physical Therapist Assistants And Aides</td>
</tr>
<tr>
<td>3630</td>
<td>.HLS-Massage Therapists</td>
</tr>
<tr>
<td>3640</td>
<td>.HLS-Dental Assistants</td>
</tr>
<tr>
<td>3645</td>
<td>.HLS-Medical Assistants</td>
</tr>
<tr>
<td>3646</td>
<td>.HLS-Medical Transcriptionists</td>
</tr>
<tr>
<td>3647</td>
<td>.HLS-Pharmacy Aides</td>
</tr>
<tr>
<td>3648</td>
<td>.HLS-Veterinary Assistants And Laboratory Animal Caretakers</td>
</tr>
<tr>
<td>3649</td>
<td>.HLS-Phlebotomists</td>
</tr>
<tr>
<td>3650</td>
<td>.HLS-Other Healthcare Support Workers</td>
</tr>
<tr>
<td>3700</td>
<td>.PRT-First-Line Supervisors Of Correctional Officers</td>
</tr>
<tr>
<td>3710</td>
<td>.PRT-First-Line Supervisors Of Police And Detectives</td>
</tr>
<tr>
<td>3720</td>
<td>.PRT-First-Line Supervisors Of Fire Fighting And Prevention .Workers</td>
</tr>
<tr>
<td>3725</td>
<td>.PRT-First-Line Supervisors of Security And Protective .Service Workers, All Other</td>
</tr>
<tr>
<td>3740</td>
<td>.PRT-Firefighters</td>
</tr>
<tr>
<td>3750</td>
<td>.PRT-Fire Inspectors</td>
</tr>
<tr>
<td>3801</td>
<td>.PRT-Bailiffs</td>
</tr>
<tr>
<td>3802</td>
<td>.PRT-Correctional Officers and Jailers</td>
</tr>
</tbody>
</table>
3820 .PRT-Detectives And Criminal Investigators
3840 .PRT-Fish And Game Wardens And Parking Enforcement Officers
3870 .PRT-Police Officers
3900 .PRT-Animal Control Workers
3910 .PRT-Private Detectives And Investigators
3930 .PRT-Security Guards And Gaming Surveillance Officers
3940 .PRT-Crossing Guards And Flaggers
3945 .PRT-Transportation Security Screeners
3946 .PRT-School Bus Monitors
3960 .PRT-Other Protective Service Workers
4000 .EAT-Chefs And Head Cooks
4010 .EAT-First-Line Supervisors Of Food Preparation And Serving Workers
4020 .EAT-Cooks
4030 .EAT-First-Line Supervisors Of 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
4621 .PRS-Exercise Trainers And Group Fitness Instructors
4622 .PRS-Recreation Workers
4640 .PRS-Residential Advisors
4655 .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 Operators
5020 .OFF-Telephone Operators
5040 .OFF-Communications Equipment Operators, All Other
5100 .OFF-Bill And Account Collectors
5110 .OFF-Billing And Posting Clerks
5120 .OFF-Bookkeeping, Accounting, And Auditing Clerks
5140 .OFF-Payroll And Timekeeping Clerks
5150 .OFF-Procurement Clerks
5160 .OFF-Tellers
5165 .OFF-Other Financial Clerks
5220 .OFF-Court, Municipal, And License Clerks
5230 .OFF-Credit Authorizers, Checkers, And Clerks
5240 .OFF-Customer Service Representatives
5250 .OFF-Eligibility Interviewers, Government Programs
5260 .OFF-File Clerks
5300 .OFF-Hotel, Motel, And Resort Desk Clerks
5310 .OFF-Interviewers, Except Eligibility And Loan
5320 .OFF-Library Assistants, Clerical
5330 .OFF-Loan Interviewers And Clerks
5340 .OFF-New Accounts Clerks
5350 .OFF-Correspondence Clerks And Order Clerks
5360 .OFF-Human Resources Assistants, Except Payroll And Timekeeping
5400 .OFF-Receptionists And Information Clerks
5410 .OFF-Reservation And Transportation Ticket Agents And Travel Clerks
5420 .OFF-Other Information And Records Clerks
5500 .OFF-Cargo And Freight Agents
5510 .OFF-Couriers And Messengers
5521 .OFF-Public Safety Telecommunicators
5522 .OFF-Dispatchers, Except Police, Fire, And Ambulance
5530 .OFF-Meter Readers, Utilities
5540 .OFF-Postal Service Clerks
5550 .OFF-Postal Service Mail Carriers
5560 .OFF-Postal Service Mail Sorters, Processors, And Processing Machine Operators
5600 .OFF-Production, Planning, And Expediting Clerks
93

5610 .OFF-Shipping, Receiving, And Inventory Clerks
5630 .OFF-Weighers, Measurers, Checkers, And Samplers,
 .Recordkeeping
5710 .OFF-Executive Secretaries And Executive Administrative
 .Assistants
5720 .OFF-Legal Secretaries and Administrative Assistants
5730 .OFF-Medical Secretaries and Administrative Assistants
5740 .OFF-Secretaries And Administrative Assistants, Except
 .Legal, Medial, And Executive
5810 .OFF-Data Entry Keyers
5820 .OFF-Word Processors And Typists
5840 .OFF-Insurance Claims And Policy Processing Clerks
5850 .OFF-Mail Clerks And Mail Machine Operators, Except Postal
 .Service
5860 .OFF-Office Clerks, General
5900 .OFF-Office Machine Operators, Except Computer
5910 .OFF-Proofreaders And Copy Markers
5920 .OFF-Statistical Assistants
5940 .OFF-Other Office And Administrative Support Workers
6005 .FFF-First-Line Supervisors Of Farming, Fishing, And
 .Forestry Workers
6010 .FFF-Agricultural Inspectors
6040 .FFF-Graders And Sorters, Agricultural Products
6050 .FFF-Other Agricultural Workers
6115 .FFF-Fishing And Hunting Workers
6120 .FFF-Forest And Conservation Workers
6130 .FFF-Logging Workers
6200 .CON-First-Line Supervisors Of Construction Trades And
 .Extraction Workers
6210 .CON-Boilermakers
6220 .CON-Brickmasons, Blockmasons, Stonemasons, And Reinforcing
 .Iron And Rebar Workers
6230 .CON-Carpenters
6240 .CON-Carpet, Floor, And Tile Installers And Finishers
6250 .CON-Cement Masons, Concrete Finishers, And Terrazzo Workers
6260 .CON-Construction Laborers
6305 .CON-Construction Equipment Operators
6330 .CON-Drywall Installers, Ceiling Tile Installers, And Tapers
6355 .CON-Electricians
6360 .CON-Glaziers
6400 .CON-Insulation Workers
6410 .CON-Painter and Paperhangers
6441 .CON-Pipelayes
6442 .CON-Plumbers, Pipefitters, And Steamfitters
6460 .CON-Plasterers And Stucco Masons
6515 .CON-Roofers
6520 .CON-Sheet Metal Workers
6530 .CON-Structural Iron And Steel Workers
6540 .CON-Solar Photovoltaic Installers
6600 .CON- Helpers, Construction Trades
6660 .CON-Construction And Building Inspectors
6700 .CON-Elevator Installers And Repairers
6710 .CON-Fence Erectors
6720 .CON-Hazardous Materials Removal Workers
6730 .CON-Highway Maintenance Workers
6740 .CON-Rail-Track Laying And Maintenance Equipment Operators
6765 .CON-Other Construction And Related Workers
6800 .EXT-Derrick, Rotary Drill, And Service Unit Operators, And Roustabouts, Oil, Gas, And Mining
6825 .EXT-Surface Mining Machine Operators And Earth Drillers
6835 .EXT-Explosives Workers, Ordnance Handling Experts, and Blasters
6850 .EXT-Underground Mining Machine Operators
6950 .EXT-Other Extraction Workers
7000 .RPR-First-Line Supervisors Of Mechanics, Installers, And Repairers
7010 .RPR-Computer, Automated Teller, And Office Machine Repairers
7020 .RPR-Radio And Telecommunications Equipment Installers And Repairers
7030 .RPR-Avionics Technicians
7040 .RPR-Electric Motor, Power Tool, And Related Repairers
7100 .RPR-Other Electrical And Electronic Equipment Mechanics, Installers, And Repairers.
7120 .RPR-Electronic Home Entertainment Equipment Installers And Repairers
7130 .RPR-Heating, Air Conditioning, And Refrigeration Mechanics And 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-Heavy Vehicle And Truck Mechanics And Diesel Engine Specialists
7220 .RPR-Automotive Service Technicians And Mechanics
7240 .RPR-Small Engine Mechanics
7260 .RPR-Miscellaneous Vehicle And Mobile Equipment Service Technicians And Mechanics
7300 .RPR-Control And Valve Installers And Repairers
7315 .RPR-Heating, Air Conditioning, And Refrigeration Mechanics And Installers
7320 .RPR-Home Appliance Repairers
7330 .RPR-Industrial And Refractory Machinery Mechanics
7340 .RPR-Maintenance And Repair Workers, General
7350 .RPR-Maintenance Workers, Machinery
7360 .RPR-Millwrights
7410 .RPR-Electrical Power-Line Installers And Repairers
7420 .RPR-Telecommunications Line Installers And Repairers
7430 .RPR-Precision Instrument And Equipment Repairers
7510 .RPR-Coin, Vending, And Amusement Machine Servicers And Repairers
7540 .RPR-Locksmiths And Safe Repairers
7560 .RPR-Riggers
7610 .RPR-Helpers--Installation, Maintenance, And Repair Workers
7640 .RPR-Other Installation, Maintenance, And Repair Workers
7700 .PRD-First-Line Supervisors Of Production And Operating Workers
7720 .PRD-Electrical, Electronics, And Electromechanical Assemblers
7730 .PRD-Engine And Other Machine Assemblers
7740 .PRD-Structural Metal Fabricators And Fitters
7750 .PRD-Other Assemblers And Fabricators
7800 .PRD-Bakers
7810 .PRD-Butchers And Other Meat, Poultry, And Fish Processing Workers
7830 .PRD-Food And Tobacco Roasting, Baking, And Drying Machine Operators And Tenders
7840 .PRD-Food Batchmakers
7850 .PRD-Food Cooking Machine Operators And Tenders
7855 .PRD-Food Processing Workers, All Other
7905 .PRD-Computer Numerically Controlled Tool Operators And Programmers
7925 .PRD-Forming Machine Setters, Operators, And Tenders, Metal And Plastic
7950 .PRD-Cutting, Punching, And Press Machine Setters, Operators, And Tenders, Metal And Plastic
8000 .Grinding, Lapping, Polishing, And Buffing Machine Tool
8025 .PRD-Other Machine Tool Setters, Operators, And Tenders, Metal and Plastic
8030 .PRD-Machinists
8040 .PRD-Metal Furnace Operators, Tenders, Pourers, And Casters
8100 .PRD-Model Makers, Patternmakers, And Molding Machine Setters, Metal And Plastic
8130 .PRD-Tool And Die Makers
8140 .PRD-Welding, Soldering, And Brazing Workers
8225 .PRD-Other Metal Workers And Plastic Workers
8250 .PRD-Prepress Technicians And Workers
8255 .PRD-Printing Press Operators
8256 .PRD-Print Binding And Finishing Workers
8300 .PRD-Laundry And Dry-Cleaning Workers
8310 .PRD-Pressers, Textile, Garment, And Related Materials
8320 .PRD-Sewing Machine Operators
8335 .PRD-Shoe And Leather Workers
8350 .PRD-Tailors, Dressmakers, And Sewers
8365 .PRD-Textile Machine Setters, Operators, And Tenders
8450 .PRD-Upholsterers
8465 .PRD-Other Textile, Apparel, And Furnishing Workers
8500 .PRD-Cabinetmakers And Bench Carpenters
8510 .PRD-Furniture Finishers
8530 .PRD-Sawing Machine Setters, Operators, And Tenders, Wood
8540 .PRD-Woodworking Machine Setters, Operators, And Tenders, Except Sawing
8555 .PRD-Other Woodworkers
8600 .PRD-Power Plant Operators, Distributors, And Dispatchers
8610 .PRD-Stationary Engineers And Boiler Operators
8620 .PRD-Water And Wastewater Treatment Plant And System Operators
8630 .PRD-Miscellaneous Plant And System Operators
8640 .PRD-Chemical Processing Machine Setters, Operators, And Tenders
8650 .PRD-Crushing, Grinding, Polishing, Mixing, And Blending Workers
8710 .PRD-Cutting Workers
8720 .PRD-Extruding, Forming, Pressing, And Compacting Machine Setters, Operators, And Tenders
8730 .PRD-Furnace, Kiln, Oven, Drier, And Kettle Operators And Tenders
8740 .PRD-Inspectors, Testers, Sorters, Samplers, And Weighers
8750 .PRD-Jewelers And Precious Stone And Metal Workers
8760 .PRD-Dental And Ophthalmic Laboratory Technicians And Medical Appliance Technicians
8800 .PRD-Packaging And Filling Machine Operators And Tenders
8810 .PRD-Painting Workers
8830 .PRD-Photographic Process Workers And Processing Machine Operators
8850 .PRD-Adhesive Bonding Machine Operators And Tenders
8910 .PRD-Etchers And Engravers
8920 .PRD-Molders, Shapers, And Casters, Except Metal And Plastic
8930 .PRD-Paper Goods Machine Setters, Operators, And Tenders
8940 .PRD-Tire Builders
8950 .PRD- Helpers-Production Workers
8990 .PRD-Miscellaneous Production Workers, Including Equipment Operators And Tenders
9005 .TRN-Supervisors Of Transportation And Material Moving Workers
9030 .TRN-Aircraft Pilots And Flight Engineers
9040 .TRN-Air Traffic Controllers And Airfield Operations Specialists
9050 .TRN-Flight Attendants
9110 .TRN-Ambulance Drivers And Attendants, Except Emergency Medical Technicians
9121 .TRN-Bus Drivers, School
9122 .TRN-Bus Drivers, Transit And Intercity
9130 .TRN- Driver/Sales Workers And Truck Drivers
9141 .TRN-Shuttle Drivers And Chauffeurs
9142 .TRN-Taxi Drivers
9150 .TRN-Motor Vehicle Operators, All Other
9210 .TRN-Locomotive Engineers And Operators
9240 .TRN-Railroad Conductors And Yardmasters
9265 .TRN-Other Rail Transportation Workers
9300 .TRN-Sailors And Marine Oilers, And Ship Engineers
9310 .TRN-Ship And Boat Captains And Operators
9350 .TRN-Parking Lot Attendants
9365 .TRN-Transportation Service Attendants
9410 .TRN-Transportation Inspectors
9415 .TRN-Passenger Attendants
9430 .TRN-Other Transportation Workers
9510 .TRN-Crane And Tower Operators
9570 .TRN-Conveyor, Dredge, And Hoist And Winch Operators
9600 .TRN-Industrial Truck And Tractor Operators
9610 .TRN-Cleaners Of Vehicles And Equipment
9620 .TRN-Laborers And Freight, Stock, And Material Movers, Hand
9630 .TRN-Machine Feeders And Offbearers
9640 .TRN-Packers And Packagers, Hand
9645 .TRN- Stockers And Order Fillers
9650 .TRN-Pumping Station Operators
9720 .TRN- Refuse And Recyclable Material Collectors
9760 .TRN-Other Material Moving Workers
9800 .MIL-Military Officer Special And Tactical Operations Leaders
9810 .MIL-First-Line Enlisted Military Supervisors
9825 .MIL-Military Enlisted Tactical Operations And Air/Weapons Specialists And Crew Members
9830 .MIL-Military, Rank Not Specified
9920 .Unemployed And Last Worked 5 Years Ago Or Earlier Or Never Worked

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

**PERNP**

**Numeric** 7

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

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
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<tr>
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<td>.N/A (less than 16 years old)</td>
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<td>.Loss of $9999 or more (Rounded &amp; bottom-coded components)</td>
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<td>.Loss $1 to $9998 (Rounded components)</td>
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<td>1..1999998</td>
<td>.$1 to $1999998 (Rounded &amp; top-coded components)</td>
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**PINCP**

**Numeric** 7

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

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<td>-19997..-1</td>
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<td>.$1 to $4209995 (Rounded &amp; top-coded components)</td>
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**POBP**

**Character** 3

Place of birth (Recode)

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100
449 .South Africa  
451 .Sudan  
453 .Tanzania  
454 .Togo  
456 .Tunisia  
457 .Uganda  
459 .Democratic Republic of Congo (Zaire)  
460 .Zambia  
461 .Zimbabwe  
462 .Africa  
463 .South Sudan  
464 .Northern Africa, Not Specified  
467 .Western Africa, Not Specified  
468 .Other Africa, Not Specified  
469 .Eastern Africa, Not Specified  
501 .Australia  
508 .Fiji  
511 .Marshall Islands  
512 .Micronesia  
515 .New Zealand  
523 .Tonga  
527 .Samoa  
554 .Other US Island Areas, Oceania, Not Specified, or at Sea  

POVPIP  
Numeric  3  
Income-to-poverty ratio recode  
bbb .N/A  
0..500 .Below 501 percent  
501 .501 percent or more  

POWPUMA  
Character  5  
Place of work PUMA based on 2010 Census definition  
bobbb .N/A (not a worker--not in the labor force, force, including persons under 16 years; unemployed; civilian employed, with a job not at work; Armed Forces, with a job but not at work)  
000001 .Did not work in the United States or in Puerto Rico  
00100..70100 .Assigned Place of work PUMA. Use with POWSP.  

POWSP  
Character  3  
Place of work - State or foreign country recode  
bobb .N/A (not a worker--not in the labor force, including persons under 16 years; unemployed; employed, with a job not at work; Armed Forces, with a job but not at work)  
001 .Alabama/AL  
002 .Alaska/AK  
004 .Arizona/AZ  
005 .Arkansas/AR  
006 .California/CA  
008 .Colorado/CO  
009 .Connecticut/CT  
010 .Delaware/DE  
011 .District of Columbia/DC  
012 .Florida/FL  
013 .Georgia/GA  
015 .Hawaii/HI  
016 .Idaho/ID
017. Illinois/IL
018. Indiana/IN
019. Iowa/IA
020. Kansas/KS
021. Kentucky/KY
022. Louisiana/LA
023. Maine/ME
024. Maryland/MD
025. Massachusetts/MA
026. Michigan/MI
027. Minnesota/MN
028. Mississippi/MS
029. Missouri/MO
030. Montana/MT
031. Nebraska/NE
032. Nevada/NV
033. New Hampshire/NH
034. New Jersey/NJ
035. New Mexico/NM
036. New York/NY
037. North Carolina/NC
038. North Dakota/ND
039. Ohio/OH
040. Oklahoma/OK
041. Oregon/OR
042. Pennsylvania/PA
044. Rhode Island/RI
045. South Carolina/SC
046. South Dakota/SD
047. Tennessee/TN
048. Texas/TX
049. Utah/UT
050. Vermont/VT
051. Virginia/VA
053. Washington/WA
054. West Virginia/WV
055. Wisconsin/WI
056. Wyoming/WY
072. Puerto Rico
166. Europe
251. Eastern Asia
254. Other Asia, Not Specified
301. Canada
303. Mexico
399. Americas, Not Specified
555. Other US Island Areas Not Specified, Africa, Oceania, at Sea, or Abroad, Not Specified

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

PUBCOV  Character  1
Public health coverage recode
1. With public health coverage
2. Without public health coverage
QTRBIR  Character  1
Quarter of birth
1 .January through March
2 .April through June
3 .July through September
4 .October through December

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

RAC2P  Character  2
Recoded detailed race code
01 .White alone
02 .Black or African American alone
03 .Apache alone
04 .Blackfeet alone
05 .Cherokee alone
06 .Cheyenne alone
07 .Chickasaw alone
08 .Chippewa alone
09 .Choctaw alone
10 .Comanche alone
11 .Creek alone
12 .Crow alone
13 .Hopi alone
14 .Iroquois alone
15 .Lumbee alone
16 .Mexican American Indian alone
17 .Navajo alone
18 .Pima alone
19 .Potawatomi alone
20 .Pueblo alone
21 .Puget Sound Salish alone
22 .Seminole alone
23 .Sioux alone
24 .South American Indian alone
25 .Tohono O'Odham alone
26 .Yaqui alone
27 .Other specified American Indian tribes alone
28 .All other specified American Indian tribe combinations
29 .American Indian, tribe not specified
30 .Alaskan Athabascan alone
31 .Tlingit-Haida alone
32 .Inupiat alone
33 .Yup'ik alone
34 .Aleut alone
Other Alaska Native
Other American Indian and Alaska Native specified
American Indian and Alaska Native, not specified
Asian Indian alone
Bangladeshi alone
Bhutanese alone
Burmese alone
Cambodian alone
Chinese, except Taiwanese, alone
Taiwanese alone
Filipino alone
Hmong alone
Indonesian alone
Japanese alone
Korean alone
Laotian alone
Malaysian alone
Mongolian alone
Nepalese alone
Pakistani alone
Sri Lankan alone
Thai alone
Vietnamese alone
Other Asian alone
All combinations of Asian races only
Native Hawaiian alone
Samoan alone
Tongan alone
Guamanian or Chamorro alone
Marshallese alone
Fijian alone
Other Native Hawaiian and Other Pacific Islander
Some Other Race alone
Two or More Races

RAC3P  Character  3
Recoded detailed race code
001 .White alone
002 .Black or African American alone
003 .American Indian and Alaska Native alone
004 .Asian Indian alone
005 .Chinese alone
006 .Filipino alone
007 .Japanese alone
008 .Korean alone
009 .Vietnamese alone
010 .Other Asian alone
011 .Native Hawaiian alone
012 .Guamanian or Chamorro alone
013 .Samoan alone
014 .Other Pacific Islander alone
015 .Some Other Race alone
016 .White; Black or African American
017 .White; American Indian and Alaska Native
018 .White; Asian Indian
019 .White; Chinese
020 .White; Filipino
021 .White; Japanese
022 .White; Korean
023 .White; Vietnamese
024 .White; Other Asian
025 .White; Native Hawaiian
026 .White; Guamanian or Chamorro
027 .White; Samoan
028 .White; Other Pacific Islander
029 .White; Some Other Race
030 .Black or African American; American Indian and Alaska Native
031 .Black or African American; Asian Indian
032 .Black or African American; Chinese
033 .Black or African American; Filipino
034 .Black or African American; Japanese
035 .Black or African American; Korean
036 .Black or African American; Other Asian
037 .Black or African American; Other Pacific Islander
038 .Black or African American; Some Other Race
039 .American Indian and Alaska Native; Asian Indian
040 .American Indian and Alaska Native; Filipino
041 .American Indian and Alaska Native; Some Other Race
042 .Asian Indian; Other Asian
043 .Asian Indian; Some Other Race
044 .Chinese; Filipino
045 .Chinese; Japanese
046 .Chinese; Korean
047 .Chinese; Vietnamese
048 .Chinese; Other Asian
049 .Chinese; Native Hawaiian
050 .Filipino; Japanese
051 .Filipino; Native Hawaiian
052 .Filipino; Other Pacific Islander
053 .Filipino; Some Other Race
054 .Japanese; Korean
055 .Japanese; Native Hawaiian
056 .Vietnamese; Other Asian
057 .Other Asian; Other Pacific Islander
058 .Other Asian; Some Other Race
059 .Other Pacific Islander; Some Other Race
060 .White; Black or African American; American Indian and Alaska Native
061 .White; Black or African American; Filipino
062 .White; Black or African American; Some Other Race
063 .White; American Indian and Alaska Native; Filipino
064 .White; American Indian and Alaska Native; Some Other Race
065 .White; Chinese; Filipino
066 .White; Chinese; Japanese
067 .White; Chinese; Native Hawaiian
068 .White; Filipino; Native Hawaiian
069 .White; Japanese; Native Hawaiian
070 .White; Other Asian; Some Other Race
071 .Chinese; Filipino; Native Hawaiian
072 .White; Chinese; Filipino; Native Hawaiian
073 .White; Chinese; Japanese; Native Hawaiian
074 .Black or African American; Asian groups
075 .Black or African American; Native Hawaiian and Other Pacific Islander groups
076 .Asian Indian; Asian groups
077 .Filipino; Asian groups
078 .White; Black or African American; Asian groups
079 .White; American Indian and Alaska Native; Asian groups
080 .White; Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
081 .White; Black or African American; American Indian and Alaska Native; Asian groups
082 .White; Black or African American; American Indian and Alaska Native; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
083 .White; Black or African American; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
084 .White; American Indian and Alaska Native; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups
085 .White; Chinese; Filipino; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
086 .White; Chinese; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
087 .White; Filipino; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
088 .White; Japanese; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
089 .White; Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
090 .Black or African American; American Indian and Alaska Native; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
091 .Black or African American; Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
092 .American Indian and Alaska Native; Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
093 .Asian Indian; and/or White; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
094 .Chinese; Japanese; Native Hawaiian; and/or other Asian and/or Pacific Islander groups
095 .Chinese; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
096 .Filipino; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
097 .Japanese; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
098 .Korean; and/or Vietnamese; and/or Other Asian; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
099 .Native Hawaiian; and/or Pacific Islander groups; and/or Some Other Race
100 .White; and/or Black or African American; and/or American Indian and Alaska Native; and/or Asian groups; and/or Native Hawaiian and Other Pacific Islander groups; and/or Some Other Race
RACAIAN  Character  1
American Indian and Alaska Native recode (American Indian and Alaska Native alone or in combination with one or more other races)
   0 .No
   1 .Yes

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

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

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

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

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

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

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

RC  Character  1
Related child
   0 .No (includes GQ)
   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
bbbbbbbb .N/A (less than 16 years old/NILF who last worked more than 5 years ago or never worked)
1110XX .MGR-Chief Executives And Legislators
111021 .MGR-General And Operations Managers
112011 .MGR-Advertising And Promotions Managers
112021 .MGR-Marketing Managers
112022 .MGR-Sales Managers
112030 .MGR-Public Relations And Fundraising Managers
113012 .MGR-Administrative Services Managers
113013 .MGR-Facilities Managers
113021 .MGR-Computer And Information Systems Managers
113031 .MGR-Financial Managers
113111 .MGR-Compensation And Benefits Managers
113121 .MGR-Human Resources Managers
113131 .MGR-Training And Development Managers
113051 .MGR-Industrial Production Managers
113061 .MGR-Purchasing Managers
113071 .MGR-Transportation, Storage, And Distribution Managers
119013 .MGR-Farmers, Ranchers, And Other Agricultural Managers
119021 .MGR-Construction Managers
119030 .MGR-Education And Childcare Administrators
119041 .MGR-Architectural And Engineering Managers
119051 .MGR-Food Service Managers
119070 .MGR-Entertainment And Recreation Managers
119081 .MGR-Lodging Managers
119111 .MGR-Medical And Health Services Managers
119121 .MGR-Natural Sciences Managers
119141 .MGR-Property, Real Estate, And Community Association Managers
119151 .MGR-Social And Community Service Managers
119161 .MGR-Emergency Management Directors
1191XX .MGR-Other Managers
131011 .BUS-Agents And Business Managers Of Artists, Performers, And Athletes
131021 .BUS-Buyers And Purchasing Agents, Farm Products
131022 .BUS-Wholesale And Retail Buyers, Except Farm Products
131023 .BUS-Purchasing Agents, Except Wholesale, Retail, And Farm Products
131030 .BUS-Claims Adjusters, Appraisers, Examiners, And Investigators
131041 .BUS-Compliance Officers
131051 .BUS-Cost Estimators
131070 .BUS-Human Resources Workers
131081 .BUS-Logisticians
131111 .BUS-Management Analysts
131121 .BUS-Meeting Convention, And Event Planners
131131 .BUS-Fundraisers
131141 .BUS-Compensation, Benefits, And Job Analysis Specialists
131151 .BUS-Training And Development Specialists
131161 .BUS-Market Research Analysts And Marketing Specialists
131199 .BUS-Business Operations Specialists, All Other
132011 .FIN-Accountants And Auditors
132020 .FIN-Property Appraisers And Assessors
132031 .FIN-Budget Analysts
132041 .FIN-Credit Analysts
132051 .FIN-Financial Analysts
132052 .FIN-Personal Financial Advisors
132053 .FIN-Insurance Underwriters
132061 .FIN-Financial Examiners
132070 .FIN-Credit Counselors And Loan Officers
132081 .FIN-Tax Examiners And Collectors, And Revenue Agents
132082 .FIN-Tax Preparers
1320XX .FIN-Other Financial Specialists
151221 .CMM-Computer And Information Research Scientists
151211 .CMM-Computer Systems Analysts
151212 .CMM-Information Security Analysts
151251 .CMM-Computer Programmers
151252 .CMM-Software Developers
151253 .CMM-Software Quality Assurance Analysts And Testers
151254 .CMM-Web Developers
151255 .CMM-Web And Digital Interface Designers
151230 .CMM-Computer Support Specialists
15124X .CMM-Database Administrators And Architects
151244 .CMM-Network And Computer Systems Administrators
151241 .CMM-Computer Network Architects
151299 .CMM Computer Occupations, All Other
152011 .CMM-Actuaries
152031 .CMM-Operations Research Analysts
1520XX .CMM-Other Mathematical Science Occupations
171011 .ENG-Architects, Except Landscape And Naval
171012 .ENG-Landscape Architects
171020 .ENG-Surveyors, Cartographers, And Photogrammetrists
172011 .ENG-Aerospace Engineers
1720XX .ENG-Biomedical And Agricultural Engineers
172041 .ENG-Chemical Engineers
172051 .ENG-Civil Engineers

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172061 .ENG-Computer Hardware Engineers
172070 .ENG-Electrical And Electronics Engineers
172081 .ENG-Environmental Engineers
17210 .ENG-Industrial Engineers, Including Health And Safety
172121 .ENG-Marine Engineers And Naval Architects
172131 .ENG-Materials Engineers
172141 .ENG-Mechanical Engineers
1721XX .ENG-Petroleum, Mining And Geological Engineers, Including .Mining Safety Engineers
1721YY .ENG-Other Engineers
173011 .ENG-Architectural And Civil Drafters
17301X .ENG-Other Drafters
173023 .ENG-Electrical and Electronic Engineering Technologists .And Technicians
17302X .ENG-Other Engineering Technologists And Technicians, .Except Drafters
173031 .ENG-Surveying And Mapping Technicians
191010 .SCI-Agricultural And Food Scientists
191020 .SCI-Biological Scientists
191030 .SCI-Conservation Scientists And Foresters
1910XX .SCI-Medical Scientists, And Life Scientists, All Other
192010 .SCI-Astronomers And Physicists
192021 .SCI-Atmospheric And Space Scientists
192030 .SCI-Chemists And Materials Scientists
192041 .SCI-Environmental Scientists And Specialists, Including .Health
19204X .SCI-Geoscientists And Hydrologists, Except Geographers
192099 .SCI-Physical Scientists, All Other
193011 .SCI-Economists
193033 .SCI-Clinical And Counseling Psychologists
193034 .SCI-School Psychologists
19303X .SCI-Other Psychologists
193051 .SCI-Urban And Regional Planners
1930XX .SCI-Other Social Scientists
194010 .SCI Agricultural And Food Science Technicians
194021 .SCI-Biological Technicians
194031 .SCI-Chemical Technicians
1940XX .SCI-Environmental Science And Geoscience Technicians, And .Nuclear Technicians
1940YY .SCI-Other Life, Physical, And Social Science Technicians
195010 .SCI-Occupational Health And Safety Specialists And .Technicians
211011 .CMS-Substance Abuse And Behavioral Disorder Counselors
211012 .CMS-Educational, Guidance, And Career Counselors And .Advisors
211013 .CMS-Marriage And Family Therapists
211014 .CMS-Mental Health Counselors
211015 .CMS-Rehabilitation Counselors
211019 .CMS-Counselors, All Other
211021 .CMS-Child, Family, And School Social Workers
211022 .CMS-Healthcare Social Workers
211023 .CMS-Mental Health And Substance Abuse Social Workers
211029 .CMS-Social Workers All Other
211092 .CMS-Probation Officers And Correctional Treatment .Specialists
211093 .CMS-Social And Human Service Assistants
21109X .CMS-Other Community And Social Service Specialists
<table>
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<tr>
<th>Code</th>
<th>Occupation</th>
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<tbody>
<tr>
<td>212011</td>
<td>CMS-Clergy</td>
</tr>
<tr>
<td>212021</td>
<td>CMS-Directors, Religious Activities And Education</td>
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<tr>
<td>212099</td>
<td>CMS-Religious Workers, All Other</td>
</tr>
<tr>
<td>2310XX</td>
<td>LGL-Lawyers, And Judges, Magistrates, And Other Judicial Workers</td>
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<tr>
<td>231012</td>
<td>LGL-Judicial Law Clerks</td>
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<tr>
<td>232011</td>
<td>LGL-Paralegals And Legal Assistants</td>
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<tr>
<td>232093</td>
<td>LGL-Title Examiners, Abstractors, And Searchers</td>
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<tr>
<td>232099</td>
<td>LGL-Legal Support Workers, All Other</td>
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<tr>
<td>251000</td>
<td>EDU-Postsecondary Teachers</td>
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<tr>
<td>252010</td>
<td>EDU-Preschool And Kindergarten Teachers</td>
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<tr>
<td>252020</td>
<td>EDU-Elementary And Middle School Teachers</td>
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<td>252030</td>
<td>EDU-Secondary School Teachers</td>
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<tr>
<td>252050</td>
<td>EDU-Special Education Teachers</td>
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<tr>
<td>253041</td>
<td>EDU-Tutors</td>
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<tr>
<td>2530XX</td>
<td>EDU-Other Teachers And Instructors</td>
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<tr>
<td>254010</td>
<td>EDU-Archivists, Curators, And Museum Technicians</td>
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<tr>
<td>254022</td>
<td>EDU-Librarians And Media Collections Specialists</td>
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<tr>
<td>254031</td>
<td>EDU-Library Technicians</td>
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<tr>
<td>259040</td>
<td>EDU-Teaching Assistants</td>
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<tr>
<td>2590XX</td>
<td>EDU-Other Education, Training, And Library Workers</td>
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<tr>
<td>271010</td>
<td>ENT-Artists And Related Workers</td>
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<tr>
<td>271021</td>
<td>ENT-Commercial And Industrial Designers</td>
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<tr>
<td>271022</td>
<td>ENT-Fashion Designers</td>
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<td>271023</td>
<td>ENT-Floral Designers</td>
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<td>271024</td>
<td>ENT-Graphic Designers</td>
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<td>271025</td>
<td>ENT-Interior Designers</td>
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<tr>
<td>271026</td>
<td>ENT-Merchandise Displayers And Windows Trimmers</td>
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<tr>
<td>27102X</td>
<td>ENT-Other Designers</td>
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<tr>
<td>272011</td>
<td>ENT-Actors</td>
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<tr>
<td>272012</td>
<td>ENT-Producers And Directors</td>
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<td>272021</td>
<td>ENT-Athletes AND Sports Competitors</td>
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<tr>
<td>272022</td>
<td>ENT-Coaches and Scouts</td>
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<tr>
<td>272023</td>
<td>ENT-Umpires, Referees, And Other Sports Officials</td>
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<td>ENT-Dancers And Choreographers</td>
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<td>272041</td>
<td>ENT-Music Directors And Composers</td>
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<td>272042</td>
<td>ENT-Musicians And Singers</td>
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<td>272091</td>
<td>ENT-Disc Jockeys, Except Radio</td>
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<td>272099</td>
<td>ENT-Entertainers And Performers, Sports And Related Workers, All Other</td>
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<tr>
<td>273011</td>
<td>ENT-Broadcast Announcers And Radio Disc Jockeys</td>
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<tr>
<td>273023</td>
<td>ENT-News Analysts, Reporters, And Journalists</td>
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<td>ENT-Public Relations Specialists</td>
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<td>273041</td>
<td>ENT-Editors</td>
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<td>273042</td>
<td>ENT-Technical Writers</td>
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<td>ENT-Writers And Authors</td>
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<tr>
<td>273091</td>
<td>ENT-Interpreters And Translators</td>
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<td>273092</td>
<td>ENT-Court Reporters And Simultaneous Captioners</td>
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<tr>
<td>273099</td>
<td>ENT-Media And Communications Workers, All Other</td>
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<td>2740XX</td>
<td>ENT-Other Media And Communication Equipment Workers</td>
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<tr>
<td>274021</td>
<td>ENT-Photographers</td>
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<tr>
<td>274030</td>
<td>ENT-Television, Video, And Motion Picture Camera Operators And Editors</td>
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<tr>
<td>291011</td>
<td>MED-Chiropractors</td>
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<tr>
<td>291020</td>
<td>MED-Dentists</td>
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<tr>
<td>291031</td>
<td>MED-Dietitians And Nutritionists</td>
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<td>291041</td>
<td>MED-Optometrists</td>
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291051 .MED-Pharmacists
291210 .MED-Physicians
291240 .MED-Surgeons
291071 .MED-Physician Assistants
291081 .MED-Podiatrists
291122 .MED-Occupational Therapists
291123 .MED-Physical Therapists
291124 .MED-Radiation Therapists
291125 .MED-Recreational Therapists
291126 .MED-Respiratory Therapists
291127 .MED-Speech-Language Pathologists
29112X .MED-Other Therapists
291131 .MED-Veterinarians
291141 .MED-Registered Nurses
291151 .MED-Nurse Anesthetists
291181 .MED-Audiologists
2911XX .MED-Nurse Practitioners And Nurse Midwives
291291 .MED-Acupuncturists
291299 .MED-Healthcare Diagnosing Or Treating Practitioners, All .Other
292010 .MED-Clinical Laboratory Technologists And Technicians
291292 .MED-Dental Hygienists
292031 .MED-Cardiovascular Technologists And Technicians
292032 .MED-Diagnostic Medical Sonographers
292034 .MED-Radiologic Technologists And Technicians
292035 .MED-Magnetic Resonance Imaging Technologists
29203X .MED-Nuclear Medicine Technologists And Medical .Dosimetrists
292042 .MED-Emergency Medical Technicians
292043 .MED-Paramedics
292052 .MED-Pharmacy Technicians
292053 .MED-Psychiatric Technicians
292055 .MED-Surgical Technologists
292056 .MED-Veterinary Technologists And Technicians
29205X .MED-Dietetic Technicians And Ophthalmic Medical .Technicians
292061 .MED-Licensed Practical And Licensed Vocational Nurses
292072 .MED-Medical Records Specialists
292081 .MED-Opticians, Dispensing
292090 .MED-Miscellaneous Health Technologists And Technicians
299000 .MED-Other Healthcare Practitioners And Technical .Occupations
311121 .HLS-Home Health Aides
311122 .HLS-Personal Care Aides
311131 .HLS-Nursing Assistants
31113X .Orderlies And Psychiatric Aides
312010 .HLS-Occupational Therapy Assistants And Aides
312020 .HLS-Physical Therapist Assistants And Aides
319011 .HLS-Massage Therapists
319091 .HLS-Dental Assistants
319092 .HLS-Medical Assistants
319094 .HLS-Medical Transcriptionists
319095 .HLS-Pharmacy Aides
319096 .HLS-Veterinary Assistants And Laboratory Animal .Caretakers
319097 .HLS-Phlebotomists
31909X .HLS-Other Healthcare Support Workers
331011 .PRT-First-Line Supervisors Of Correctional Officers
331012 .PRT-First-Line Supervisors Of Police And Detectives
331021 .PRT-First-Line Supervisors Of Fire Fighting And .Prevention Workers
331090 .PRT-Miscellaneous First-Line Supervisors, Protective .Service Workers
332011 .PRT-Firefighters
332020 .PRT-Fire Inspectors
333011 .PRT-Bailiffs
333012 .PRT-Correctional Officers And Jailers
333021 .PRT-Detectives And Criminal Investigators
3330XX .PRT-Fish And Game Wardens And Parking Enforcement .Officers
333050 .PRT-Police Officers
339011 .PRT-Animal Control Workers
339021 .PRT-Private Detectives And Investigators
339030 .PRT-Security Guards And Gaming Surveillance Officers
339091 .PRT-Crossing Guards And Flaggers
339093 .PRT-Hosts And Hostesses, Restaurant, Lounge, And Coffee .Shop
339099 .PRT-Morticians, Undertakers, And Funeral Arrangers
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
353021 .EAT-Maids And Housekeeping Cleaners
353023 .EAT-Fast Food And Counter Workers
353031 .EAT-Waiters And Waitresses
353041 .EAT-Other Protective Service Workers
353099 .EAT-Food Preparation And Serving Related Workers, All .Other.
371011 .CLN-First-Line Supervisors Of Housekeeping And Janitorial .Workers
371012 .CLN-First-Line Supervisors Of Landscaping, Lawn Service, .And Groundskeeping Workers
37201X .CLN-Janitors And Building Cleaners
372012 .CLN-Maids And Housekeeping Cleaners
372021 .CLN-Pest Control Workers
373011 .CLN-Landscaping And Groundskeeping Workers
373013 .CLN-Tree Trimmers And Pruners
37301X .CLN-Other Grounds Maintenance Workers
391000 .PRS-Supervisors of Personal Care And Service Workers
392011 .PRS-Animal Trainers
392021 .PRS-Animal Caretakers
393010 .PRS-Gambling Services Workers
393031 .PRS-Ushers, Lobby Attendants, And Ticket Takers
3930XX .PRS-Embalmers, Crematory Operators, And Funeral .Attendants
395011 .PRS-Barbers
434171 .OFF-Receptionists And Information Clerks
434181 .OFF-Reservation And Transportation Ticket Agents And .Travel Clerks
434YYY .OFF-Other Information And Records Clerks
435011 .OFF-Cargo And Freight Agents
435021 .OFF-Couriers And Messengers
435031 .OFF-Public Safety Telecommunicators
435032 .OFF-Dispatchers, Except Police, Fire, And Ambulance
435041 .OFF-Meter Readers, Utilities
435051 .OFF-Postal Service Clerks
435052 .OFF-Postal Service Mail Carriers
435053 .OFF-Postal Service Mail Sorters, Processors, And .Processing Machine Operators
435061 .OFF-Production, Planning, And Expediting Clerks
435071 .OFF-Shipping, Receiving, And Traffic Clerks
435111 .OFF-Weighers, Measurers, Checkers, And Samplers, .Recordkeeping
436011 .OFF-Executive Secretaries And Executive Administrative .Assistants
436012 .OFF-Legal Secretaries And Administrative Assistants
436013 .OFF-Medical Secretaries And Administrative Assistants
436014 .OFF-Secretaries And Administrative, Except Legal, .Medical, And Executive
439021 .OFF-Data Entry Keyers
439022 .OFF-Word Processors And Typists
439041 .OFF-Insurance Claims And Policy Processing Clerks
439051 .OFF-Mail Clerks And Mail Machine Operators, Except Postal .Service
439061 .OFF-Office Clerks, General
439071 .OFF-Office Machine Operators, Except Computer
439081 .OFF-Proofreaders And Copy Markers
439111 .OFF-Statistical Assistants
439XXX .OFF-Other Office And Administrative Support Workers
451011 .FFF-First-Line Supervisors Of Farming, Fishing, And .Forestry Workers
452011 .FFF-Agricultural Inspectors
452041 .FFF-Graders And Sorters, Agricultural Products
4520XX .FFF-Other Agricultural Workers
453031 .FFF-Fishing And Hunting Workers
454011 .FFF-Forest And Conservation Workers
454020 .FFF-Logging Workers
471011 .CON-First-Line Supervisors Of Construction Trades And .Extraction Workers
472011 .CON-Boilermakers
472031 .CON-Carpenters
472040 .CON-Carpenters, 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-Pipelayes
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472152 .CON-Plumbers, Pipefitters, And Steamfitters
472161 .CON-Plasterers And Stucco Masons
472181 .CON-Roofers
472211 .CON-Sheet Metal Workers
472221 .CON-Structural Iron And Steel Workers
472231 .CON-Solar Photovoltaic Installers
472XXX .CON-Brickmasons, Blockmasons, Stonemasons, And Reinforcing Iron And Rebar Workers
473010 .CON-Helpers, Construction Trades
474011 .CON-construction and building inspectors
474021 .CON-Elevator Installers And Repairers
474031 .CON-Fence Erectors
474041 .CON-Hazardous Materials Removal Workers
474051 .CON-Highway Maintenance Workers
474061 .CON-Rail-Track Laying And Maintenance Equipment Operators
4740XX .CON-Other Construction And Related Workers
4750YY .EXT-Derrick, Rotary Drill, And Service Unit Operators, And Roustabouts, Oil, Gas, And Mining
475020 .EXT_Surface Mining Machine Operators And Earth Drillers
475032 .EXT-Explosives Workers, Ordnance Handling Experts, And Blasters
475040 .EXT-Underground Mining Machine Operators
4750XX .EXT-Other Extraction Workers
491011 .RPR-First-Line Supervisors Of Mechanics, Installers, And Repairers
492011 .RPR-Computer, Automated Teller, And Office Machine Repairers
492020 .RPR-Radio And Telecommunications Equipment Installers And Repairers
492091 .RPR-Avionics Technicians
492092 .RPR-Electric Motor, Power Tool, And Related Repairers
49209X .RPR-Other Electrical And Electronic Equipment Mechanics, Installers, and Repairers
492097 .RPR-Electronic Home Entertainment Equipment Installers And Repairers
492098 .RPR-Security And Fire Alarm Systems Installers
493011 .RPR-Aircraft Mechanics And Service Technicians
493021 .RPR-Automotive Body And Related Repairers
493022 .RPR-Automotive Glass Installers And Repairers
493023 .RPR-Automotive Service Technicians And Mechanics
493031 .RPR-Bus And Truck Mechanics And Diesel Engine Specialists
493040 .RPR-Heavy Vehicle And Mobile Equipment Service Technicians And Mechanics
493050 .RPR-Small Engine Mechanics
493090 .RPR-Miscellaneous Vehicle And Mobile Equipment Mechanics, Installers, And Repairers
499010 .RPR-Control And Valve Installers And Repairers
499021 .RPR-Heating, Air Conditioning, And Refrigeration Mechanics And Installers
499031 .RPR-Home Appliance Repairers
49904X .RPR-Industrial And Refractory Machinery Mechanics
499043 .RPR-Maintenance Workers, Machinery
499044 .RPR-Millwrights
499051 .RPR-Electrical Power-Line Installers And Repairers
499052 .RPR-Telecommunications Line Installers And Repairers
499060 .RPR-Precision Instrument And Equipment Repairers
499071 .RPR-Maintenance And Repair Workers, General
499091 .RPR-Coin, Vending, And Amusement Machine Servicers And .Repairers
499094 .RPR-Locksmiths And Safe Repairers
499096 .RPR-Riggers
499098 .RPR-Helpers--Installation, Maintenance, And Repair .Workers
4990XX .RPR-Other Installation, Maintenance, And Repair Workers
511011 .PRD-First-Line Supervisors Of Production And Operating .Workers
512020 .PRD-Electrical, Electronics, And Electromechanical .Assemblers
512031 .PRD-Engine And Other Machine Assemblers
512041 .PRD-Structural Metal Fabricators And Fitters
5120XX .PRD-Other Assemblers and Fabricators
513011 .PRD-Bakers
513020 .PRD-Butchers And Other Meat, Poultry, And Fish Processing .Workers
513091 .PRD-Food And Tobacco Roasting, Baking, And Drying Machine .Operators And Tenders
513092 .PRD-Food Batchmakers
513093 .PRD-Food Cooking Machine Operators And Tenders
513099 .PRD-Food Processing Workers, All Other
519160 .PRD-Computer Numerically Controlled Tool Operators And .Programmers
514020 .PRD-Forming Machine Setters, Operators, And Tenders, .Metal And Plastic
514031 .PRD-Cutting, Punching, And Press Machine Setters, .Operators, And Tenders, Metal And Plastic
514032 .PRD-Grinding, Lapping, Polishing, And Buffing Machine Tool .Setters, Operators, And Tenders, Metal And Plastic
51403X .Other Machine Tool Setters, Operators, And Tenders, Metal .And Plastic
514041 .PRD-Machinists
514050 .PRD-Metal Furnace Operators, Tenders, Pourers, And .Casters
5140XX .PRD-Model Makers, Patternmakers, And Molding Machine .Setters, Metal And Plastic
514111 .PRD-Tool And Die Makers
514120 .PRD-Welding, Soldering, And Brazing Workers
514XXX .PRD-Other Metal Workers And Plastic Workers
515111 .PRD-Prepress Technicians And Workers
515112 .PRD-Printing Press Operators
515113 .PRD-Print Binding And Finishing Workers
516011 .PRD-Laundry And Dry-Cleaning Workers
516021 .PRD-Pressers, Textile, Garment, And Related Materials
516031 .PRD-Sewing Machine Operators
516040 .PRD-Shoe And Leather Workers
516050 .PRD-Tailors, Dressmakers, And Sewers
516060 .PRD-Textile Machine Setters, Operators, And Tenders
516093 .PRD-Upholsterers
51609X .PRD-Other Textile, Apparel, And Furnishing Workers
517011 .PRD-Cabinetmakers And Bench Carpenters
517021 .PRD-Furniture Finishers
517041 .PRD-Sawing Machine Setters, Operators, And Tenders, Wood
517042 .PRD-Woodworking Machine Setters, Operators, And Tenders, .except sawing
5170XX .PRD-Other Woodworkers
518010 .PRD-Power Plant Operators, Distributors, And Dispatchers
518021 .PRD-Stationary Engineers And Boiler Operators
518031 .PRD-Water And Wastewater Treatment Plant And System Operators
518090 .PRD-Miscellaneous Plant And System Operators
519010 .PRD-Chemical Processing Machine Setters, Operators, And Tenders
519020 .PRD-Crushing, Grinding, Polishing, Mixing, And Blending Workers
519030 .PRD-Cutting Workers
519041 .PRD-Extruding, Forming, Pressing, And Compacting Machine Setters, Operators, And Tenders
519051 .PRD-Furnace, Kiln, Oven, Drier, And Kettle Operators And Tenders
519061 .PRD-Inspectors, Testers, Sorters, Samplers, And Weighers
519071 .PRD-Jewelers And Precious Stone And Metal Workers
519080 .PRD-Dental And Ophthalmic Laboratory Technicians And Medical Appliance Technicians
519111 .PRD-Packaging And Filling Machine Operators And Tenders
519120 .PRD-Painting Workers
519151 .PRD-Photographic Process Workers And Processing Machine Operators
519191 .PRD-Adhesive Bonding Machine Operators And Tenders
519194 .PRD-Engravers
519195 .PRD-Molders, Shapers, And Casters, Except Metal And Plastic
519196 .PRD-Paper Goods Machine Setters, Operators, And Tenders
519197 .PRD-Tire Builders
519198 .PRD-Helpers-Production Workers
5191XX .PRD-Miscellaneous Production Workers, Including Equipment Operators and Tenders
531000 .TRN-Supervisors Of Transportation And Material Moving Workers
532010 .TRN-Aircraft Pilots And Flight Engineers
532020 .TRN-Air Traffic Controllers And Airfield Operations Specialists
532031 .TRN-Flight Attendants
533011 .TRN-Ambulance Drivers And Attendants, Except Emergency Medical Technicians
533051 .TRN-Bus Drivers, School
533052 .TRN-Bus Drivers, Transit And Intercity
533053 .TRN-Shuttle Drivers and Chauffeurs
533054 .TRN-Taxi Drivers
533099 .TRN-Motor Vehicle Operators, All Other
534010 .TRN-Locomotive Engineers And Operators
534031 .TRN-Railroad Conductors And Yardmasters
5340XX .TRN-Other Rail Transportation Workers
5350XX .TRN-Sailors And Marine Oilers, And Ship Engineers
535020 .TRN-Ship And Boat Captains And Operators
536021 .TRN-Parking Lot Attendants
536030 .TRN-Transportation Service Attendants
536051 .TRN-Transportation Inspectors
536061 .PRS-Transportation Attendants, Except Flight 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 Off Bearers
537064 .TRN-Packers And Packagers, Hand
537065 .TRN-Stockers And Order Fillers
537070 .TRN-Pumping Station Operators
537081 .TRN-Refuse And Recyclable Material Collectors
5371XX .TRN-Other Material Moving Workers
551010 .Mil-Military Officer Special And Tactical Operations Leaders
552010 .Mil-First-Line Enlisted Military Supervisors
553010 .Mil-Military Enlisted Tactical Operations And Air/Weapons Specialists And Crew Members
559830 .Mil-Military, Rank Not Specified
999920 .Unemployed And Last Worked 5 Years Ago Or Earlier Or Never Worked

VPS

Character 2
Veteran period of service
bb .N/A (less than 17 years old, no active duty)
01 .Gulf War: 9/2001 or later
06 .Vietnam Era
07 .Vietnam Era and Korean War
08 .Vietnam Era, Korean War, and WWII
09 .Korean War
10 .Korean War and WWII
11 .WWII
12 .Between Gulf War and Vietnam Era only
13 .Between Vietnam Era and Korean War only
14 .Between Korean War and World War II only
15 .Pre-WWII only

WAOB

Character 1
World area of birth
1 .US state (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

FHINS1P  Character  1
Insurance through a current or former employer or union allocation flag
0 .No
1 .Yes
FHINS2P Character 1
Insurance purchased directly from an insurance company allocation flag
  0 .No
  1 .Yes

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

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

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

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

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

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

FHINS6P Character 1
VA (including those who have ever used or enrolled for VA health care) allocation flag
  0 .No
  1 .Yes

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FSCHP  Character  1
School enrollment allocation flag
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<td>Wages and salary income allocation flag</td>
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<td>Usual hours worked per week past 12 months allocation flag</td>
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**PERSON RECORD-REPLICATE WEIGHTS**

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Person's Weight replicate 30
-9999..9999 .Integer weight of person

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

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

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

PWGTP34  Numeric  5
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PWGTP35  Numeric  5
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PWGTP36  Numeric  5
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PWGTP37  Numeric  5
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PWGTP39  Numeric  5
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PWGTP60  Numeric  5
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PWGTP61  Numeric  5
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PWGTP63  Numeric  5
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PWGTP64  Numeric  5
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PWGTP67  Numeric  5
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PWGTP68  Numeric  5
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PWGTP69  Numeric  5
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PWGTP70  Numeric  5
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