**2013-2017 ACS PUMS DATA DICTIONARY**

January 17, 2019

**HOUSING RECORD**

**HOUSING RECORD-BASIC VARIABLES**

**RT Character 1**

Record Type

H .Housing Record or Group Quarters Unit

P .Person Record

**SERIALNO Character 13**

Housing unit/GQ person serial number

2013000000001..2017999999999 .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

1

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) 1054015 .2013 factor

1036463 .2014 factor

1034680 .2015 factor

1021505 .2016 factor

1000000 .2017 factor

**ADJINC Character 7**

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

1061971 .2013 factor (1.007549 \* 1.05401460)

2

1045195 .2014 factor (1.008425 \* 1.03646282)

1035988 .2015 factor (1.001264 \* 1.03468042)

1029257 .2016 factor (1.007588 \* 1.02150538)

1011189 .2017 factor (1.011189 \* 1.00000000)

**WGTP Numeric 5**

Housing Unit Weight

00000 .Group Quarter placeholder record

00001..09999 .Integer weight of housing unit

**NP Numeric 2**

Number of persons associated with this housing record

00 .Vacant unit

01 .One person record (one person in household or any person .in group quarters)

02..20 .Number of person records (number of persons in household)

**TYPE Character 1**

Type of unit

1 .Housing unit

2 .Institutional group quarters

3 .Noninstitutional group quarters

**HOUSING RECORD-HOUSING UNIT VARIABLES**

**ACCESS Character 1**

Access to the Internet

b .N/A (GQ/vacant)

1 .Yes, by paying a cell phone company or Internet service .provider

2 .Yes, without paying a cell phone company or Internet service .provider

3 .No access to the Internet at this house, apartment, or mobile .home

**ACR Character 1**

Lot size

b .N/A (GQ/not a one-family house or mobile home)

1 .House on less than one acre

2 .House on one to less than ten acres

3 .House on ten or more acres

**AGS Character 1**

Sales of Agriculture Products (Yearly sales, no adjustment factor is applied)

b .N/A (GQ/vacant/not a one-family house or mobile home/less than .1 acre)

1 .None

2 .$ 1 - $ 999

3 .$ 1000 - $ 2499

4 .$ 2500 - $ 4999

5 .$ 5000 - $ 9999

6 .$10000+

**BATH Character 1**

Bathtub or shower

3

b .N/A (GQ)

1 .Yes

2 .No

**BDSP Numeric 2**

Number of bedrooms

bb .N/A (GQ)

00..99 .0 to 99 bedrooms (Top-coded)

**BLD Character 2**

Units in structure

bb .N/A (GQ)

01 .Mobile home or trailer

02 .One-family house detached

03 .One-family house attached

04 .2 Apartments

05 .3-4 Apartments

06 .5-9 Apartments

07 .10-19 Apartments

08 .20-49 Apartments

09 .50 or more apartments

10 .Boat, RV, van, etc.

**BUS Character 1**

Business or medical office on property

b .N/A (GQ/not a one-family house or mobile home)

1 .Yes

2 .No

9 .Case is from 2016 or later

**BROADBND Character 1**

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

1 .Yes

2 .No

**COMPOTHX Character 1**

Other computer equipment

b .N/A (GQ/vacant)

1 .Yes

2 .No

**CONP Numeric 4**

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

bbbb .N/A (GQ/vacant units/not owned or being bought) 0000 .Not condo

0001..9999 .$1 - $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

4

**ELEP Numeric 3**

Electricity (monthly cost, use ADJHSG to adjust values 3 and over to constant dollars)

bbb .N/A (GQ/vacant)

001 .Included in rent or in condo fee

002 .No charge or electricity not used

003..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

**FULP Numeric 4**

Fuel cost (yearly cost for fuels other than gas and electricity, use ADJHSG to adjust values 3 and over to constant dollars)

bbbb .N/A (GQ/vacant)

0001 .Included in rent or in condo fee

0002 .No charge or these fuels not used

0003..9999 .$3 to $9999 (Rounded and top-coded)

**GASP Numeric 3**

Gas (monthly cost, use ADJHSG to adjust GASP values 4 and over to constant dollars)

bbb .N/A (GQ/vacant)

001 .Included in rent or in condo fee

002 .Included in electricity payment

003 .No charge or gas not used

004..999 .$4 to $999 (Rounded and top-coded)

**HFL Numeric 1**

House heating fuel

b .N/A (GQ/vacant)

1 .Utility gas

2 .Bottled, tank, or LP gas

3 .Electricity

4 .Fuel oil, kerosene, etc.

5 .Coal or coke

6 .Wood

7 .Solar energy

8 .Other fuel

9 .No fuel used

**HISPEED Character 1**

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

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

1 .Yes

2 .No

**HOTWAT Character 1**

Water heater (Puerto Rico only)

b .N/A (GQ)

1 .Yes

5

2 .No

9 .Case is from the United States or collected in 2013, HOTWAT .not applicable

**INSP Numeric 5**

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

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

00000 .None

00001..10000 .$1 to $10000 (Rounded and top-coded)

**LAPTOP Character 1**

Laptop or desktop

b .N/A (GQ/vacant)

1 .Yes

2 .No

**MHP Numeric 5**

Mobile home costs (yearly amount, use ADJHSG to adjust MHP to constant dollars)

bbbbb .N/A (GQ/vacant/not owned or being bought/ not .mobile home)

00000 .None

00001..99999 .$1 to $99999 (Rounded and top-coded)

**MRGI Character 1**

First mortgage payment includes fire/hazard/flood insurance b .N/A (GQ/vacant/not owned or being bought/not mortgaged) 1 .Yes, insurance included in payment

2 .No, insurance paid separately or no insurance

**MRGP Numeric 5**

First mortgage payment (monthly amount, use ADJHSG to adjust MRGP to constant dollars)

bbbbb .N/A (GQ/vacant/not owned or being bought/not .mortgaged)

00001..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

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**REFR Character 1**

Refrigerator

b .N/A (GQ)

1 .Yes

2 .No

**RMSP Numeric 2**

Number of Rooms

bb .N/A (GQ)

00..99 .Rooms (Top-coded)

**RNTM Character 1**

Meals included in rent

b .N/A (GQ/vacant units, except "for rent" and "rented, not .occupied"/owned or being bought/occupied without rent payment) 1 .Yes

2 .No

**RNTP Numeric 5**

Monthly rent (use ADJHSG to adjust RNTP to constant dollars) bbbbb .N/A (GQ/vacant units, except "for rent" and

."rented, not occupied"/owned or being

.bought/occupied without rent payment)

00001..99999 .$1 to $99999 (Rounded and top-coded)

**RWAT Character 1**

Hot and cold running water

b .N/A (GQ)

1 .Yes

2 .No

9 .Case is from Puerto Rico, RWAT not applicable

**RWATPR Character 1**

Running water

b .N/A (GQ)

1 .Yes

2 .No

9 .Case is from the United States, RWATPR not applicable

**SATELLITE Character 1**

Satellite Internet service

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

1 .Yes

2 .No

**SINK Character 1**

Sink with a faucet

b .N/A (GQ)

1 .Yes

2 .No

**SMARTPHONE Character 1**

Smartphone

b .N/A (GQ/vacant)

1 .Yes

2 .No

7

**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) bbbbb .N/A (GQ/vacant/not owned or being bought/ no second .or junior mortgages or home equity loans)

00001..99999 .$1 to $99999 (Rounded and top-coded)

**STOV Character 1**

Stove or range

b .N/A (GQ)

1 .Yes

2 .No

**TABLET Character 1**

Tablet or other portable wireless computer

b .N/A (GQ/vacant)

1 .Yes

2 .No

**TEL Character 1**

Telephone service

b .N/A (GQ/vacant)

1 .Yes

2 .No

8 .Suppressed for data years 2015 and 2016 for selected PUMAs

**TEN Character 1**

Tenure

b .N/A (GQ/vacant)

1 .Owned with mortgage or loan (include home equity loans) 2 .Owned free and clear

3 .Rented

4 .Occupied without payment of rent

**TOIL Character 1**

Flush toilet

b .N/A (GQ)

1 .Yes

2 .No

9 .Case is from 2016 or later

**VACS Character 1**

Vacancy status

b .N/A (GQ/occupied)

1 .For rent

2 .Rented, not occupied

3 .For sale only

4 .Sold, not occupied

5 .For seasonal/recreational/occasional use

6 .For migrant workers

7 .Other vacant

**VALP Numeric 7**

Property value

8

bbbbbbb .N/A (GQ/vacant units, except "for-sale-only" .and "sold, not occupied"/not owned or being

.bought)

0000001..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

**WATP Numeric 4**

Water (yearly cost, use ADJHSG to adjust WATP values 3 and over to constant dollars)

bbbb .N/A (GQ/vacant)

0001 .Included in rent or in condo fee

0002 .No charge

0003..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

**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

9

3 .Married-couple family: Husband not in LF, wife in LF

4 .Married-couple family: Neither husband nor wife in LF

5 .Other family: Male householder, no wife present, in LF

6 .Other family: Male householder, no wife present, not in LF 7 .Other family: Female householder, no husband present, in LF 8 .Other family: Female householder, no husband present, not in .LF

**FINCP Numeric 8**

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

bbbbbbbb .N/A (GQ/vacant)

00000000 .No family income

-0059999 .Loss of $59,999 or more

-0059998..-0000001 .Loss of $1 to $59,998

00000001 .$1 or Break even

00000002..99999999 .Total family income in dollars (Components .are rounded)

**FPARC Character 1**

Family presence and age of related children

b .N/A (GQ/vacant/not a family)

1 .With related children under 5 years only

2 .With related children 5 to 17 years only

3 .With related children under 5 years and 5 to 17 years

4 .No related children

**GRNTP Numeric 5**

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

bbbbb .N/A (GQ/vacant/owned or being bought/occupied .without rent payment)

00001..99999 .$1 - $99999 (Components are rounded)

**GRPIP Numeric 3**

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

001..100 .1% to 100%

101 .101% or more

**HHL Character 1**

Household language

b .N/A (GQ/vacant)

1 .English only

2 .Spanish

3 .Other Indo-European languages

4 .Asian and Pacific Island languages

5 .Other language

**HHT Character 1**

Household/family type

b .N/A (GQ/vacant)

1 .Married couple household

2 .Other family household: Male householder, no spouse present 3 .Other family household: Female householder, no spouse present

10

4 .Nonfamily household: Male householder: Living alone

5 .Nonfamily household: Male householder: Not living alone 6 .Nonfamily household: Female householder: Living alone

7 .Nonfamily household: Female householder: Not living alone

**HINCP Numeric 8**

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

bbbbbbbb .N/A (GQ/vacant)

00000000 .No household income

-0059999 .Loss of $59,999 or more

-0059998..-0000001 .Loss of $1 to $59,998

00000001 .$1 or Break even

00000002..99999999 .Total household income in dollars (Components .are rounded)

**HUGCL Character 1**

Household with grandparent living with grandchildren

b .N/A (GQ/vacant)

0 .Household without grandparent living with grandchildren 1 .Household with grandparent living with grandchildren

**HUPAC Character 1**

HH presence and age of children

b .N/A (GQ/vacant)

1 .With children under 6 years only

2 .With children 6 to 17 years only

3 .With children under 6 years and 6 to 17 years

4 .No children

**HUPAOC Character 1**

HH presence and age of own children

b .N/A (GQ/vacant)

1 .Presence of own children under 6 years only

2 .Presence of own children 6 to 17 years only

3 .Presence of own children under 6 years and 6 to 17 years 4 .No own children present

**HUPARC Character 1**

HH presence and age of related children

b .N/A (GQ/vacant)

1 .Presence of related children under 6 years only

2 .Presence of related children 6 to 17 years only

3 .Presence of related children under 6 years and 6 to 17 years 4 .No related children present

**KIT Character 1**

Complete kitchen facilities

b .N/A (GQ)

1 .Yes, has stove or range, refrigerator, and sink with a faucet 2 .No

**LNGI Character 1**

Limited English speaking household

b .N/A (GQ/vacant)

11

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)

00 .No own children

01..19 .Number of own children in household

**NPF Numeric 2**

Number of persons in family (unweighted)

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

02..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)

00 .No related children

01..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)

12

001..100 .1% to 100%

101 .101% or more

**PARTNER Character 1**

Unmarried partner household

b .N/A (GQ/vacant)

0 .No unmarried partner in household

1 .Male householder, male partner

2 .Male householder, female partner

3 .Female householder, female partner

4 .Female householder, male partner

**PLM Character 1**

Complete plumbing facilities

b .N/A (GQ)

1 .Yes, has hot and cold running water and a bathtub or shower .(includes flush toilet for data collected prior to 2016) 2 .No

9 .Case is from Puerto Rico, PLM recode not applicable

**PLMPRP Character 1**

Complete plumbing facilities for Puerto Rico

b .N/A (GQ)

1 .Yes, has running water, and a bathtub or shower

2 .No

9 .Case is from the United States, PLMPRP not applicable

**PSF Character 1**

Presence of subfamilies in Household

b .N/A (GQ/vacant)

0 .No subfamilies

1 .1 or more subfamilies

**R18 Character 1**

Presence of persons under 18 years in household (unweighted) b .N/A (GQ/vacant)

0 .No person under 18 in household

1 .1 or more persons under 18 in household

**R60 Character 1**

Presence of persons 60 years and over in household (unweighted) b .N/A (GQ/vacant)

0 .No person 60 and over

1 .1 person 60 and over

2 .2 or more persons 60 and over

**R65 Character 1**

Presence of persons 65 years and over in household (unweighted) b .N/A (GQ/vacant)

0 .No person 65 and over

1 .1 person 65 and over

2 .2 or more persons 65 and over

**RESMODE Character 1**

Response mode

b .N/A (GQ)

13

1 .Mail

2 .CATI/CAPI

3 .Internet

**SMOCP Numeric 5**

Selected monthly owner costs (use ADJHSG to adjust SMOCP to constant dollars)

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

00000 .None

00001..99999 .$1 - $99999 (Components are rounded)

**SMX Character 1**

Second or junior mortgage or home equity loan status

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

1 .Yes, a second mortgage

2 .Yes, a home equity loan

3 .No

4 .Both a second mortgage and a home equity loan

**SRNT Character 1**

Specified rental unit

b .N/A (GQ/vacant units, except "for rent" and "rented, not .occupied"/owned or being bought)

0 .A single-family home on 10 or more acres

1 .A single-family home on less than 10 acres or any other type .of building, including mobile homes, with no regard to

.acreage.

**SSMC Character 1**

Same-sex married couple households

b .N/A (GQ/vacant)

0 .Households without a same-sex married couple

1 .Same-sex married-couple household where not all relevant data .shown as reported

2 .All other same-sex married-couple households

**SVAL Character 1**

Specified owner unit

b .N/A (GQ/vacant units, except "for sale only" and "sold, not .occupied"/not owned or being bought)

0 .A single family home on 10 or more acres or any other type of .building, including mobile homes, with no regard to acreage. 1 .A single family home on less than 10 acres.

**TAXP Character 2**

Property taxes (yearly amount, no adjustment factor is applied) bb .N/A (GQ/vacant/not owned or being bought)

01 .None

02 .$ 1 - $ 49

03 .$ 50 - $ 99

04 .$ 100 - $ 149

05 .$ 150 - $ 199

06 .$ 200 - $ 249

07 .$ 250 - $ 299

08 .$ 300 - $ 349

09 .$ 350 - $ 399

14

10 .$ 400 - $ 449 11 .$ 450 - $ 499 12 .$ 500 - $ 549 13 .$ 550 - $ 599 14 .$ 600 - $ 649 15 .$ 650 - $ 699 16 .$ 700 - $ 749 17 .$ 750 - $ 799 18 .$ 800 - $ 849 19 .$ 850 - $ 899 20 .$ 900 - $ 949 21 .$ 950 - $ 999 22 .$1000 - $1099 23 .$1100 - $1199 24 .$1200 - $1299 25 .$1300 - $1399 26 .$1400 - $1499 27 .$1500 - $1599 28 .$1600 - $1699 29 .$1700 - $1799 30 .$1800 - $1899 31 .$1900 - $1999 32 .$2000 - $2099 33 .$2100 - $2199 34 .$2200 - $2299 35 .$2300 - $2399 36 .$2400 - $2499 37 .$2500 - $2599 38 .$2600 - $2699 39 .$2700 - $2799 40 .$2800 - $2899 41 .$2900 - $2999 42 .$3000 - $3099 43 .$3100 - $3199 44 .$3200 - $3299 45 .$3300 - $3399 46 .$3400 - $3499 47 .$3500 - $3599 48 .$3600 - $3699 49 .$3700 - $3799 50 .$3800 - $3899 51 .$3900 - $3999 52 .$4000 - $4099 53 .$4100 - $4199 54 .$4200 - $4299 55 .$4300 - $4399 56 .$4400 - $4499 57 .$4500 - $4599 58 .$4600 - $4699 59 .$4700 - $4799 60 .$4800 - $4899 61 .$4900 - $4999 62 .$5000 - $5499 63 .$5500 - $5999 64 .$6000 - $6999 65 .$7000 - $7999 66 .$8000 - $8999

15

67 .$9000 - $9999

68 .$10000+ (Top-coded)

**WIF Character 1**

Workers in family during the past 12 months

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

0 .No workers

1 .1 worker

2 .2 workers

3 .3 or more workers in family

**WKEXREL Character 2**

Work experience of householder and spouse

bb .N/A (GQ/vacant/not a family)

01 .Householder and spouse worked FT

02 .Householder worked FT; spouse worked < FT

03 .Householder worked FT; spouse did not work

04 .Householder worked < FT; spouse worked FT

05 .Householder worked < FT; spouse worked < FT

06 .Householder worked < FT; spouse did not work

07 .Householder did not work; spouse worked FT

08 .Householder did not work; spouse worked < FT

09 .Householder did not work; spouse did not work

10 .Male householder worked FT; no spouse present

11 .Male householder worked < FT; no spouse present

12 .Male householder did not work; no spouse present

13 .Female householder worked FT; no spouse present

14 .Female householder worked < FT; no spouse present

15 .Female householder did not work; no spouse present

**WORKSTAT Character 2**

Work status of householder or spouse in family households

bb .N/A (GQ/not a family household/same-sex married-couple .families)

01 .Husband and wife both in labor force, both employed or in .Armed Forces

02 .Husband and wife both in labor force, husband employed or in .Armed Forces, wife unemployed

03 .Husband in labor force and wife not in labor force, husband .employed or in Armed Forces

04 .Husband and wife both in labor force, husband unemployed, .wife employed or in Armed Forces

05 .Husband and wife both in labor force, husband unemployed, .wife unemployed

06 .Husband in labor force, husband unemployed, wife not in labor .force

07 .Husband not in labor force, wife in labor force, wife

.employed or in Armed Forces

08 .Husband not in labor force, wife in labor force, wife

.unemployed

09 .Neither husband nor wife in labor force

10 .Male householder with no wife present, householder in labor .force, employed or in Armed Forces

11 .Male householder with no wife present, householder in labor .force and unemployed

12 .Male householder with no wife present, householder not in .labor force

16

13 .Female householder with no husband present, householder in .labor force, employed or in Armed Forces

14 .Female householder with no husband present, householder in .labor force and unemployed

15 .Female householder with no husband present, householder not .in labor force

**HOUSING RECORD-ALLOCATION FLAGS**

**FACCESSP Character 1**

Access to the Internet allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FACRP Character 1**

Lot size allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FAGSP Character 1**

Sales of Agricultural Products allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FBATHP Character 1**

Bathtub or shower allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FBDSP Character 1**

Number of bedrooms allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FBLDP Character 1**

Units in structure allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FBROADBNDP Character 1**

Cellular data plan for a smartphone or other mobile device allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FCOMPOTHXP Character 1**

Other computer equipment allocation flag

b .N/A (GQ)

0 .No

17

1 .Yes

**FBUSP Character 1**

Business or medical office on property allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FCONP Character 1**

Condominium fee allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FDIALUPP Character 1**

Dial-up service allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FELEP Character 1**

Electricity (monthly cost) allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FFINCP Character 1**

Family income (past 12 months) allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FFSP Character 1**

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

0 .No

1 .Yes

**FFULP Character 1**

Fuel cost (yearly cost for fuels other than gas and electricity) allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FGASP Character 1**

Gas (monthly cost) allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FGRNTP Character 1**

Gross rent (monthly amount) allocation flag

b .N/A (GQ)

0 .No

1 .Yes

18

**FHFLP Character 1**

House heating fuel allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FHINCP Character 1**

Household income (past 12 months) allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FHISPEEDP Character 1**

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

b .N/A (GQ)

0 .No

1 .Yes

**FHOTWATP Character 1**

Water heater allocation flag (Puerto Rico only)

b .N/A (GQ)

0 .No

1 .Yes

**FINSP Character 1**

Fire, hazard, flood insurance (yearly amount) allocation flag b .N/A (GQ)

0 .No

1 .Yes

**FKITP Character 1**

Complete kitchen facilities allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FLAPTOPP Character 1**

Laptop or desktop allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FMHP Character 1**

Mobile home costs (yearly amount) allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FMRGIP Character 1**

First mortgage payment includes fire, hazard, flood insurance allocation flag

b .N/A (GQ)

0 .No

1 .Yes

19

**FMRGP Character 1**

First mortgage payment (monthly amount) allocation flag b .N/A (GQ)

0 .No

1 .Yes

**FMRGTP Character 1**

First mortgage payment includes real estate taxes allocation flag b .N/A (GQ)

0 .No

1 .Yes

**FMRGXP Character 1**

First mortgage status allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FMVP Character 1**

When moved into this house or apartment allocation flag b .N/A (GQ)

0 .No

1 .Yes

**FOTHSVCEXP Character 1**

Other Internet service allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FPLMP Character 1**

Complete plumbing facilities allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FPLMPRP Character 1**

Complete plumbing facilities allocation flag for Puerto Rico b .N/A (GQ)

0 .No

1 .Yes

**FREFRP Character 1**

Refrigerator allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FRMSP Character 1**

Number of rooms allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FRNTMP Character 1**

Meals included in rent allocation flag

20

b .N/A (GQ)

0 .No

1 .Yes

**FRNTP Character 1**

Monthly rent allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FRWATP Character 1**

Hot and cold running water allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FRWATPRP Character 1**

Running water allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FSATELLITEP Character 1**

Satellite Internet service allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FSINKP Character 1**

Sink with a faucet allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FSMARTPHONP Character 1**

Smartphone allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FSMOCP Character 1**

Selected monthly owner cost allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FSMP Character 1**

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

b .N/A (GQ)

0 .No

1 .Yes

**FSMXHP Character 1**

Home equity loan status allocation flag

b .N/A (GQ)

21

0 .No

1 .Yes

**FSMXSP Character 1**

Second mortgage status allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FSTOVP Character 1**

Stove or range allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FTABLETP Character 1**

Tablet or other portable wireless computer allocation flag b .N/A (GQ)

0 .No

1 .Yes

**FTAXP Character 1**

Property taxes (yearly amount) allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FTELP Character 1**

Telephone service allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FTENP Character 1**

Tenure allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FTOILP Character 1**

Flush toilet allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FVACSP Character 1**

Vacancy status allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FVALP Character 1**

Property value allocation flag

b .N/A (GQ)

0 .No

1 .Yes

22

**FVEHP Character 1**

Vehicles available allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FWATP Character 1**

Water (yearly cost) allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**FYBLP Character 1**

When structure first built allocation flag

b .N/A (GQ)

0 .No

1 .Yes

**HOUSING RECORD-REPLICATE WEIGHTS**

**WGTP1 Numeric 5**

Housing Unit Weight replicate 1

-9999..09999 .Integer weight of housing unit

**WGTP2 Numeric 5**

Housing Unit Weight replicate 2

-9999..09999 .Integer weight of housing unit

**WGTP3 Numeric 5**

Housing Unit Weight replicate 3

-9999..09999 .Integer weight of housing unit

**WGTP4 Numeric 5**

Housing Unit Weight replicate 4

-9999..09999 .Integer weight of housing unit

**WGTP5 Numeric 5**

Housing Unit Weight replicate 5

-9999..09999 .Integer weight of housing unit

**WGTP6 Numeric 5**

Housing Unit Weight replicate 6

-9999..09999 .Integer weight of housing unit

**WGTP7 Numeric 5**

Housing Unit Weight replicate 7

-9999..09999 .Integer weight of housing unit

**WGTP8 Numeric 5**

Housing Unit Weight replicate 8

-9999..09999 .Integer weight of housing unit

**WGTP9 Numeric 5**

Housing Unit Weight replicate 9

-9999..09999 .Integer weight of housing unit

23

**WGTP10 Numeric 5**

Housing Unit Weight replicate 10

-9999..09999 .Integer weight of housing unit

**WGTP11 Numeric 5**

Housing Unit Weight replicate 11

-9999..09999 .Integer weight of housing unit

**WGTP12 Numeric 5**

Housing Unit Weight replicate 12

-9999..09999 .Integer weight of housing unit

**WGTP13 Numeric 5**

Housing Unit Weight replicate 13

-9999..09999 .Integer weight of housing unit

**WGTP14 Numeric 5**

Housing Unit Weight replicate 14

-9999..09999 .Integer weight of housing unit

**WGTP15 Numeric 5**

Housing Unit Weight replicate 15

-9999..09999 .Integer weight of housing unit

**WGTP16 Numeric 5**

Housing Unit Weight replicate 16

-9999..09999 .Integer weight of housing unit

**WGTP17 Numeric 5**

Housing Unit Weight replicate 17

-9999..09999 .Integer weight of housing unit

**WGTP18 Numeric 5**

Housing Unit Weight replicate 18

-9999..09999 .Integer weight of housing unit

**WGTP19 Numeric 5**

Housing Unit Weight replicate 19

-9999..09999 .Integer weight of housing unit

**WGTP20 Numeric 5**

Housing Unit Weight replicate 20

-9999..09999 .Integer weight of housing unit

**WGTP21 Numeric 5**

Housing Unit Weight replicate 21

-9999..09999 .Integer weight of housing unit

**WGTP22 Numeric 5**

Housing Unit Weight replicate 22

-9999..09999 .Integer weight of housing unit

**WGTP23 Numeric 5**

Housing Unit Weight replicate 23

-9999..09999 .Integer weight of housing unit

24

**WGTP24 Numeric 5**

Housing Unit Weight replicate 24

-9999..09999 .Integer weight of housing unit

**WGTP25 Numeric 5**

Housing Unit Weight replicate 25

-9999..09999 .Integer weight of housing unit

**WGTP26 Numeric 5**

Housing Unit Weight replicate 26

-9999..09999 .Integer weight of housing unit

**WGTP27 Numeric 5**

Housing Unit Weight replicate 27

-9999..09999 .Integer weight of housing unit

**WGTP28 Numeric 5**

Housing Unit Weight replicate 28

-9999..09999 .Integer weight of housing unit

**WGTP29 Numeric 5**

Housing Unit Weight replicate 29

-9999..09999 .Integer weight of housing unit

**WGTP30 Numeric 5**

Housing Unit Weight replicate 30

-9999..09999 .Integer weight of housing unit

**WGTP31 Numeric 5**

Housing Unit Weight replicate 31

-9999..09999 .Integer weight of housing unit

**WGTP32 Numeric 5**

Housing Unit Weight replicate 32

-9999..09999 .Integer weight of housing unit

**WGTP33 Numeric 5**

Housing Unit Weight replicate 33

-9999..09999 .Integer weight of housing unit

**WGTP34 Numeric 5**

Housing Unit Weight replicate 34

-9999..09999 .Integer weight of housing unit

**WGTP35 Numeric 5**

Housing Unit Weight replicate 35

-9999..09999 .Integer weight of housing unit

**WGTP36 Numeric 5**

Housing Unit Weight replicate 36

-9999..09999 .Integer weight of housing unit

**WGTP37 Numeric 5**

Housing Unit Weight replicate 37

-9999..09999 .Integer weight of housing unit

25

**WGTP38 Numeric 5**

Housing Unit Weight replicate 38

-9999..09999 .Integer weight of housing unit

**WGTP39 Numeric 5**

Housing Unit Weight replicate 39

-9999..09999 .Integer weight of housing unit

**WGTP40 Numeric 5**

Housing Unit Weight replicate 40

-9999..09999 .Integer weight of housing unit

**WGTP41 Numeric 5**

Housing Unit Weight replicate 41

-9999..09999 .Integer weight of housing unit

**WGTP42 Numeric 5**

Housing Unit Weight replicate 42

-9999..09999 .Integer weight of housing unit

**WGTP43 Numeric 5**

Housing Unit Weight replicate 43

-9999..09999 .Integer weight of housing unit

**WGTP44 Numeric 5**

Housing Unit Weight replicate 44

-9999..09999 .Integer weight of housing unit

**WGTP45 Numeric 5**

Housing Unit Weight replicate 45

-9999..09999 .Integer weight of housing unit

**WGTP46 Numeric 5**

Housing Unit Weight replicate 46

-9999..09999 .Integer weight of housing unit

**WGTP47 Numeric 5**

Housing Unit Weight replicate 47

-9999..09999 .Integer weight of housing unit

**WGTP48 Numeric 5**

Housing Unit Weight replicate 48

-9999..09999 .Integer weight of housing unit

**WGTP49 Numeric 5**

Housing Unit Weight replicate 49

-9999..09999 .Integer weight of housing unit

**WGTP50 Numeric 5**

Housing Unit Weight replicate 50

-9999..09999 .Integer weight of housing unit

**WGTP51 Numeric 5**

Housing Unit Weight replicate 51

-9999..09999 .Integer weight of housing unit

26

**WGTP52 Numeric 5**

Housing Unit Weight replicate 52

-9999..09999 .Integer weight of housing unit

**WGTP53 Numeric 5**

Housing Unit Weight replicate 53

-9999..09999 .Integer weight of housing unit

**WGTP54 Numeric 5**

Housing Unit Weight replicate 54

-9999..09999 .Integer weight of housing unit

**WGTP55 Numeric 5**

Housing Unit Weight replicate 55

-9999..09999 .Integer weight of housing unit

**WGTP56 Numeric 5**

Housing Unit Weight replicate 56

-9999..09999 .Integer weight of housing unit

**WGTP57 Numeric 5**

Housing Unit Weight replicate 57

-9999..09999 .Integer weight of housing unit

**WGTP58 Numeric 5**

Housing Unit Weight replicate 58

-9999..09999 .Integer weight of housing unit

**WGTP59 Numeric 5**

Housing Unit Weight replicate 59

-9999..09999 .Integer weight of housing unit

**WGTP60 Numeric 5**

Housing Unit Weight replicate 60

-9999..09999 .Integer weight of housing unit

**WGTP61 Numeric 5**

Housing Unit Weight replicate 61

-9999..09999 .Integer weight of housing unit

**WGTP62 Numeric 5**

Housing Unit Weight replicate 62

-9999..09999 .Integer weight of housing unit

**WGTP63 Numeric 5**

Housing Unit Weight replicate 63

-9999..09999 .Integer weight of housing unit

**WGTP64 Numeric 5**

Housing Unit Weight replicate 64

-9999..09999 .Integer weight of housing unit

**WGTP65 Numeric 5**

Housing Unit Weight replicate 65

-9999..09999 .Integer weight of housing unit

27

**WGTP66 Numeric 5**

Housing Unit Weight replicate 66

-9999..09999 .Integer weight of housing unit

**WGTP67 Numeric 5**

Housing Unit Weight replicate 67

-9999..09999 .Integer weight of housing unit

**WGTP68 Numeric 5**

Housing Unit Weight replicate 68

-9999..09999 .Integer weight of housing unit

**WGTP69 Numeric 5**

Housing Unit Weight replicate 69

-9999..09999 .Integer weight of housing unit

**WGTP70 Numeric 5**

Housing Unit Weight replicate 70

-9999..09999 .Integer weight of housing unit

**WGTP71 Numeric 5**

Housing Unit Weight replicate 71

-9999..09999 .Integer weight of housing unit

**WGTP72 Numeric 5**

Housing Unit Weight replicate 72

-9999..09999 .Integer weight of housing unit

**WGTP73 Numeric 5**

Housing Unit Weight replicate 73

-9999..09999 .Integer weight of housing unit

**WGTP74 Numeric 5**

Housing Unit Weight replicate 74

-9999..09999 .Integer weight of housing unit

**WGTP75 Numeric 5**

Housing Unit Weight replicate 75

-9999..09999 .Integer weight of housing unit

**WGTP76 Numeric 5**

Housing Unit Weight replicate 76

-9999..09999 .Integer weight of housing unit

**WGTP77 Numeric 5**

Housing Unit Weight replicate 77

-9999..09999 .Integer weight of housing unit

**WGTP78 Numeric 5**

Housing Unit Weight replicate 78

-9999..09999 .Integer weight of housing unit

**WGTP79 Numeric 5**

Housing Unit Weight replicate 79

-9999..09999 .Integer weight of housing unit

28

**WGTP80 Numeric 5**

Housing Unit Weight replicate 80

-9999..09999 .Integer weight of housing unit

**PERSON RECORD**

**PERSON RECORD-BASIC VARIABLES**

**RT Character 1**

Record Type

H .Housing Record or Group Quarters Unit

P .Person Record

**SERIALNO Character 13**

Housing unit/GQ person serial number

2013000000001..2017999999999 .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)

**SPORDER Character 2**

Person number

01..20 .Person number

**PUMA Character 5**

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

**REGION Character 1**

Region code based on 2010 Census definitions

1 .Northeast

2 .Midwest

3 .South

4 .West

9 .Puerto Rico

**ST Character 2**

State code based on 2010 Census definitions

01 .Alabama/AL

02 .Alaska/AK

04 .Arizona/AZ

05 .Arkansas/AR

06 .California/CA

08 .Colorado/CO

29

09 .Connecticut/CT

10 .Delaware/DE

11 .District of Columbia/DC

12 .Florida/FL

13 .Georgia/GA

15 .Hawaii/HI

16 .Idaho/ID

17 .Illinois/IL

18 .Indiana/IN

19 .Iowa/IA

20 .Kansas/KS

21 .Kentucky/KY

22 .Louisiana/LA

23 .Maine/ME

24 .Maryland/MD

25 .Massachusetts/MA

26 .Michigan/MI

27 .Minnesota/MN

28 .Mississippi/MS

29 .Missouri/MO

30 .Montana/MT

31 .Nebraska/NE

32 .Nevada/NV

33 .New Hampshire/NH

34 .New Jersey/NJ

35 .New Mexico/NM

36 .New York/NY

37 .North Carolina/NC

38 .North Dakota/ND

39 .Ohio/OH

40 .Oklahoma/OK

41 .Oregon/OR

42 .Pennsylvania/PA

44 .Rhode Island/RI

45 .South Carolina/SC

46 .South Dakota/SD

47 .Tennessee/TN

48 .Texas/TX

49 .Utah/UT

50 .Vermont/VT

51 .Virginia/VA

53 .Washington/WA

54 .West Virginia/WV

55 .Wisconsin/WI

56 .Wyoming/WY

72 .Puerto Rico/PR

**ADJINC Character 7**

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

1061971 .2013 factor (1.007549 \* 1.05401460)

1045195 .2014 factor (1.008425 \* 1.03646282)

1035988 .2015 factor (1.001264 \* 1.03468042)

1029257 .2016 factor (1.007588 \* 1.02150538)

1011189 .2017 factor (1.011189 \* 1.00000000)

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**PWGTP Numeric 5**

Person weight

00001..09999 .Integer weight of person

**PERSON RECORD-PERSON VARIABLES**

**AGEP Numeric 2**

Age

00 .Under 1 year

01..99 .1 to 99 years (Top-coded)

**CIT Character 1**

Citizenship status

1 .Born in the U.S.

2 .Born in Puerto Rico, Guam, the U.S. Virgin Islands, or the .Northern Marianas

3 .Born abroad of American parent(s)

4 .U.S. citizen by naturalization

5 .Not a citizen of the U.S.

**CITWP Numeric 4**

Year of naturalization write-in

bbbb .Not eligible - not naturalized

1939 .1939 or earlier (Bottom-coded)

1940 .1940 - 1944

1945 .1945 - 1947

1948 .1948 - 1949

1950 .1950

1951 .1951

1952 .1952

1953 .1953

1954 .1954

1955 .1955

1956 .1956

1957 .1957

1958 .1958

1959 .1959

1960 .1960

1961 .1961

1962 .1962

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2000 .2000

2001 .2001

2002 .2002

2003 .2003

2004 .2004

2005 .2005

2006 .2006

2007 .2007

2008 .2008

2009 .2009

2010 .2010

2011 .2011

2012 .2012

2013 .2013

2014 .2014

2015 .2015

2016 .2016

2017 .2017

**COW Character 1**

Class of worker

b .Not in universe (less than 16 years old/NILF who last worked .more than 5 years ago or never worked)

1 .Employee of a private for-profit company or business, or of an .individual, for wages, salary, or commissions

2 .Employee of a private not-for-profit, tax-exempt, or

.charitable organization

3 .Local government employee (city, county, etc.)

4 .State government employee

5 .Federal government employee

6 .Self-employed in own not incorporated business, professional .practice, or farm

7 .Self-employed in own incorporated business, professional .practice or farm

8 .Working without pay in family business or farm

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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)

33

1 .Very well

2 .Well

3 .Not well

4 .Not at all

**FER Character 1**

Gave birth to child within the past 12 months

b .N/A (less than 15 years/greater than 50 years/male)

1 .Yes

2 .No

**GCL Character 1**

Grandparents living with grandchildren

b .N/A (less than 30 years/institutional GQ)

1 .Yes

2 .No

**GCM Character 1**

Length of time responsible for grandchildren

b .N/A (less than 30 years/grandparent not responsible for

.grandchild/institutional GQ)

1 .Less than 6 months

2 .6 to 11 months

3 .1 or 2 years

4 .3 or 4 years

5 .5 or more years

**GCR Character 1**

Grandparents responsible for grandchildren

b .N/A (less than 30 years/institutional GQ/grandparent not .living with grandchild)

1 .Yes

2 .No

**HINS1 Character 1**

Insurance through a current or former employer or union

1 .Yes

2 .No

**HINS2 Character 1**

Insurance purchased directly from an insurance company

1 .Yes

2 .No

**HINS3 Character 1**

Medicare, for people 65 and older, or people with certain disabilities 1 .Yes

2 .No

**HINS4 Character 1**

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

1 .Yes

2 .No

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**HINS5 Character 1**

TRICARE or other military health care

1 .Yes

2 .No

**HINS6 Character 1**

VA (including those who have ever used or enrolled for VA health care) 1 .Yes

2 .No

**HINS7 Character 1**

Indian Health Service

1 .Yes

2 .No

**INTP Numeric 6**

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

bbbbbb .N/A (less than 15 years old)

000000 .None

-10000..-00001 .Loss $1 to $10000 (Rounded and bottom-coded) 000001 .$1 or break even

000002..999999 .$2 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)

001..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)

01 .Drove alone

02 .In 2-person carpool

03 .In 3-person carpool

04 .In 4-person carpool

05 .In 5-person carpool

06 .In 6-person carpool

07 .In 7-person carpool

08 .In 8-person carpool

09 .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

35

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

**MARHM Character 1**

Married in the past 12 months

b .N/A (age less than 15 years; never married) 1 .Yes

2 .No

**MARHT Character 1**

Number of times married

b .N/A (age less than 15 years; never married) 1 .One time

2 .Two times

3 .Three or more times

**MARHW Character 1**

Widowed in the past 12 months

b .N/A (age less than 15 years; never married) 1 .Yes

2 .No

**MARHYP Numeric 4**

Year last married

bbbb .N/A (age less than 15 years; never married) 1937 .1937 or earlier (Bottom-coded)

1938 .1938

1939 .1939

1940 .1940

1941 .1941

1942 .1942

1943 .1943

1944 .1944

36

1945 .1945 1946 .1946 1947 .1947 1948 .1948 1949 .1949 1950 .1950 1951 .1951 1952 .1952 1953 .1953 1954 .1954 1955 .1955 1956 .1956 1957 .1957 1958 .1958 1959 .1959 1960 .1960 1961 .1961 1962 .1962 1963 .1963 1964 .1964 1965 .1965 1966 .1966 1967 .1967 1968 .1968 1969 .1969 1970 .1970 1971 .1971 1972 .1972 1973 .1973 1974 .1974 1975 .1975 1976 .1976 1977 .1977 1978 .1978 1979 .1979 1980 .1980 1981 .1981 1982 .1982 1983 .1983 1984 .1984 1985 .1985 1986 .1986 1987 .1987 1988 .1988 1989 .1989 1990 .1990 1991 .1991 1992 .1992 1993 .1993 1994 .1994 1995 .1995 1996 .1996 1997 .1997 1998 .1998 1999 .1999 2000 .2000 2001 .2001

37

2002 .2002

2003 .2003

2004 .2004

2005 .2005

2006 .2006

2007 .2007

2008 .2008

2009 .2009

2010 .2010

2011 .2011

2012 .2012

2013 .2013

2014 .2014

2015 .2015

2016 .2016

2017 .2017

**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

38

**MLPFG Character 1**

Served February 1955 - July 1964

b .N/A (less than 17 years old/no active duty)

0 .Did not serve this period

1 .Served this period

**MLPH Character 1**

Served Korean War (July 1950 - January 1955)

b .N/A (Less than 17 years old/no active duty)

0 .Did not serve this period

1 .Served this period

**MLPI Character 1**

Served January 1947 - June 1950

b .N/A (Less than 17 years old/no active duty)

0 .Did not serve this period

1 .Served this period

**MLPJ Character 1**

Served World War II (December 1941 - December 1946)

b .N/A (Less than 17 years old/no active duty)

0 .Did not serve this period

1 .Served this period

**MLPK Character 1**

Served November 1941 or earlier

b .N/A (Less than 17 years old/no active duty)

0 .Did not serve this period

1 .Served this period

**NWAB Character 1**

Temporary absence from work (Unedited-See "Employment Status Recode" (ESR))

b .N/A (less than 16 years old/at work/on layoff)

1 .Yes

2 .No

3 .Did not report

**NWAV Character 1**

Available for work (Unedited-See "Employment Status Recode" (ESR)) b .N/A (less than 16 years/at work/not looking)

1 .Yes

2 .No, temporarily ill

3 .No, other reasons

4 .No, unspecified

5 .Did not report

**NWLA Character 1**

On layoff from work (UNEDITED-See "Employment Status Recode" (ESR)) b .N/A (less than 16 years old/at work)

1 .Yes

2 .No

3 .Did not report

**NWLK Character 1**

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

39

b .N/A (less than 16 years old/at work/temporarily

.absent/informed of recall)

1 .Yes

2 .No

3 .Did not report

**NWRE Character 1**

Informed of recall (Unedited-See "Employment Status Recode" (ESR)) b .N/A (less than 16 years old/at work/not on layoff)

1 .Yes

2 .No

3 .Did not report

**OIP Numeric 6**

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

bbbbbb .N/A (less than 15 years old)

000000 .None

000001..999999 .$1 to $999999 (Rounded and top-coded)

**PAP Numeric 5**

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

bbbbb .N/A (less than 15 years old)

00000 .None

00001..30000 .$1 to $30000 (Rounded)

**RELP Character 2**

Relationship

00 .Reference person

01 .Husband/wife

02 .Biological son or daughter

03 .Adopted son or daughter

04 .Stepson or stepdaughter

05 .Brother or sister

06 .Father or mother

07 .Grandchild

08 .Parent-in-law

09 .Son-in-law or daughter-in-law

10 .Other relative

11 .Roomer or boarder

12 .Housemate or roommate

13 .Unmarried partner

14 .Foster child

15 .Other nonrelative

16 .Institutionalized group quarters population

17 .Noninstitutionalized group quarters population

**RETP Numeric 6**

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

bbbbbb .N/A (less than 15 years old)

000000 .None

000001..999999 .$1 to $999999 (Rounded and top-coded)

40

**SCH Character 1**

School enrollment

b .N/A (less than 3 years old)

1 .No, has not attended in the last 3 months

2 .Yes, public school or public college

3 .Yes, private school, private college, or home school

**SCHG Character 2**

Grade level attending

bb .N/A (not attending school)

01 .Nursery school/preschool

02 .Kindergarten

03 .Grade 1

04 .Grade 2

05 .Grade 3

06 .Grade 4

07 .Grade 5

08 .Grade 6

09 .Grade 7

10 .Grade 8

11 .Grade 9

12 .Grade 10

13 .Grade 11

14 .Grade 12

15 .College undergraduate years (freshman to senior)

16 .Graduate or professional school beyond a bachelor's degree

**SCHL Character 2**

Educational attainment

bb .N/A (less than 3 years old)

01 .No schooling completed

02 .Nursery school, preschool

03 .Kindergarten

04 .Grade 1

05 .Grade 2

06 .Grade 3

07 .Grade 4

08 .Grade 5

09 .Grade 6

10 .Grade 7

11 .Grade 8

12 .Grade 9

13 .Grade 10

14 .Grade 11

15 .12th grade - no diploma

16 .Regular high school diploma

17 .GED or alternative credential

18 .Some college, but less than 1 year

19 .1 or more years of college credit, no degree

20 .Associate's degree

21 .Bachelor's degree

22 .Master's degree

23 .Professional degree beyond a bachelor's degree

24 .Doctorate degree

41

**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)

000000 .None

-10000..-00001 .Loss $1 to $10000 (Rounded and bottom-coded) 000001 .$1 or break even

000002..999999 .$2 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)

00000 .None

00001..30000 .$1 to $30000 (Rounded)

**SSP Numeric 5**

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

bbbbb .N/A (less than 15 years old)

00000 .None

00001..50000 .$1 to $50000 (Rounded)

**WAGP Numeric 6**

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

bbbbbb .N/A (less than 15 years old)

000000 .None

000001..999999 .$1 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)

01..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

42

4 .27 to 39 weeks worked during past 12 month

5 .14 to 26 weeks worked during past 12 months 6 .14 weeks or less worked during past 12 months

**WRK Character 1**

Worked last week

b .N/A (not reported)

1 .Worked

2 .Did not work

**YOEP Numeric 4**

Year of entry

bbbb .Not eligible - Born in the US

1925 .1925 or earlier (Bottom-coded)

1926 .1926 - 1929

1930 .1930 - 1934

1935 .1935 - 1938

1939 .1939

1940 .1940

1941 .1941 - 1942

1943 .1943 - 1944

1945 .1945

1946 .1946

1947 .1947

1948 .1948

1949 .1949

1950 .1950

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2004 .2004

2005 .2005

2006 .2006

2007 .2007

2008 .2008

2009 .2009

2010 .2010

2011 .2011

2012 .2012

2013 .2013

2014 .2014

2015 .2015

2016 .2016

2017 .2017

**PERSON RECORD-RECODED PERSON VARIABLES**

**ANC Character 1**

Ancestry recode

1 .Single

2 .Multiple

3 .Unclassified

4 .Not reported

**ANC1P Character 3**

Ancestry recode - first entry

001 .Alsatian

003 .Austrian

005 .Basque

008 .Belgian

009 .Flemish

011 .British

012 .British Isles

020 .Danish

44

021 .Dutch

022 .English

024 .Finnish

026 .French

032 .German

040 .Prussian

046 .Greek

049 .Icelander

050 .Irish

051 .Italian

068 .Sicilian

077 .Luxembourger

078 .Maltese

082 .Norwegian

084 .Portuguese

087 .Scotch Irish

088 .Scottish

089 .Swedish

091 .Swiss

094 .Irish Scotch

097 .Welsh

098 .Scandinavian

099 .Celtic

100 .Albanian

102 .Belorussian

103 .Bulgarian

109 .Croatian

111 .Czech

112 .Bohemian

114 .Czechoslovakian

115 .Estonian

122 .German Russian

124 .Rom

125 .Hungarian

128 .Latvian

129 .Lithuanian

130 .Macedonian

131 .Montenegrin

142 .Polish

144 .Romanian

146 .Moldavian

148 .Russian

152 .Serbian

153 .Slovak

154 .Slovene

168 .Turkestani

169 .Uzbeg

170 .Georgia CIS

171 .Ukrainian

176 .Yugoslavian

177 .Bosnian and Herzegovinian 178 .Slavic

179 .Slavonian

181 .Central European

183 .Northern European

185 .Southern European

187 .Western European

45

190 .Eastern European

194 .Germanic

195 .European

200 .Spaniard

210 .Mexican

211 .Mexican American

212 .Mexicano

213 .Chicano

215 .Mexican American Indian 218 .Mexican State

219 .Mexican Indian

221 .Costa Rican

222 .Guatemalan

223 .Honduran

224 .Nicaraguan

225 .Panamanian

226 .Salvadoran

227 .Central American

231 .Argentinean

232 .Bolivian

233 .Chilean

234 .Colombian

235 .Ecuadorian

236 .Paraguayan

237 .Peruvian

238 .Uruguayan

239 .Venezuelan

249 .South American

250 .Latin American

251 .Latin

252 .Latino

261 .Puerto Rican

271 .Cuban

275 .Dominican

290 .Hispanic

291 .Spanish

295 .Spanish American

300 .Bahamian

301 .Barbadian

302 .Belizean

308 .Jamaican

310 .Dutch West Indian

314 .Trinidadian Tobagonian 322 .British West Indian 325 .Antigua and Barbuda 329 .Grenadian

330 .Vincent-Grenadine Islander 331 .St Lucia Islander

335 .West Indian

336 .Haitian

359 .Other West Indian

360 .Brazilian

370 .Guyanese

400 .Algerian

402 .Egyptian

404 .Libyan (2017 or later) 406 .Moroccan

46

411 .North African

416 .Iranian

417 .Iraqi

419 .Israeli

421 .Jordanian

423 .Kuwaiti (2017 or later) 425 .Lebanese

427 .Saudi Arabian

429 .Syrian

431 .Armenian

434 .Turkish

435 .Yemeni

442 .Kurdish

465 .Palestinian

483 .Assyrian

484 .Chaldean

490 .Mideast

495 .Arab

496 .Arabic

499 .Other Arab

508 .Cameroonian

510 .Cape Verdean

515 .Congolese

522 .Ethiopian

523 .Eritrean

527 .Gambian (2017 or later) 529 .Ghanaian

530 .Guinean (2017 or later) 534 .Kenyan

541 .Liberian

553 .Nigerian

564 .Senegalese

566 .Sierra Leonean

568 .Somali

570 .South African

576 .Sudanese

586 .Togo (2017 or later) 587 .Other Subsaharan African 588 .Ugandan

593 .Zimbabwean (2017 or later) 598 .Western African

599 .African

600 .Afghan

603 .Bangladeshi

607 .Bhutanese

609 .Nepali

615 .Asian Indian

618 .Bengali

620 .East Indian

650 .Punjabi

680 .Pakistani

690 .Sri Lankan

700 .Burmese

703 .Cambodian

706 .Chinese

707 .Cantonese

712 .Mongolian

47

714 .Tibetan

716 .Hong Kong (2017 or later) 720 .Filipino

730 .Indonesian

740 .Japanese

748 .Okinawan

750 .Korean

765 .Laotian

768 .Hmong

770 .Malaysian

776 .Thai

782 .Taiwanese

785 .Vietnamese

793 .Eurasian (2016 or earlier) 795 .Asian

799 .Other Asian

800 .Australian

803 .New Zealander

808 .Polynesian

811 .Hawaiian

814 .Samoan

815 .Tongan

820 .Micronesian

821 .Guamanian

822 .Chamorro

824 .Palauan (2017 or later) 825 .Marshallese

841 .Fijian

850 .Pacific Islander

899 .Other Pacific

900 .Afro American

901 .Afro

902 .African American

903 .Black

904 .Negro

907 .Creole

913 .Central American Indian 914 .South American Indian 917 .Native American

918 .Indian

919 .Cherokee

920 .American Indian

921 .Aleut (2016 or earlier) 922 .Eskimo

924 .White

925 .Anglo

927 .Appalachian

929 .Pennsylvania German 931 .Canadian

935 .French Canadian

936 .Acadian (2017 or later) 937 .Cajun

939 .American

940 .United States

970 .New Mexico (2017 or later) 983 .Texas

994 .North American

48

995 .Mixture

996 .Uncodable entries

997 .Other groups

998 .Other responses

999 .Not reported

**ANC2P Character 3**

Ancestry recode - second entry 001 .Alsatian

003 .Austrian

005 .Basque

008 .Belgian

009 .Flemish

011 .British

012 .British Isles

020 .Danish

021 .Dutch

022 .English

024 .Finnish

026 .French

032 .German

040 .Prussian

046 .Greek

049 .Icelander

050 .Irish

051 .Italian

068 .Sicilian

077 .Luxembourger

078 .Maltese

082 .Norwegian

084 .Portuguese

087 .Scotch Irish

088 .Scottish

089 .Swedish

091 .Swiss

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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

49

148 .Russian

152 .Serbian

153 .Slovak

154 .Slovene

168 .Turkestani

169 .Uzbeg

170 .Georgia CIS

171 .Ukrainian

176 .Yugoslavian

177 .Bosnian and Herzegovinian 178 .Slavic

179 .Slavonian

181 .Central European

183 .Northern European

185 .Southern European

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190 .Eastern European

194 .Germanic

195 .European

200 .Spaniard

210 .Mexican

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219 .Mexican Indian

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222 .Guatemalan

223 .Honduran

224 .Nicaraguan

225 .Panamanian

226 .Salvadoran

227 .Central American

231 .Argentinean

232 .Bolivian

233 .Chilean

234 .Colombian

235 .Ecuadorian

236 .Paraguayan

237 .Peruvian

238 .Uruguayan

239 .Venezuelan

249 .South American

250 .Latin American

251 .Latin

252 .Latino

261 .Puerto Rican

271 .Cuban

275 .Dominican

290 .Hispanic

291 .Spanish

295 .Spanish American

300 .Bahamian

301 .Barbadian

302 .Belizean

308 .Jamaican

50

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330 .Vincent-Grenadine Islander 331 .St Lucia Islander

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336 .Haitian

359 .Other West Indian

360 .Brazilian

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402 .Egyptian

404 .Libyan (2017 or later) 406 .Moroccan

411 .North African

416 .Iranian

417 .Iraqi

419 .Israeli

421 .Jordanian

423 .Kuwaiti (2017 or later) 425 .Lebanese

427 .Saudi Arabian

429 .Syrian

431 .Armenian

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435 .Yemeni

442 .Kurdish

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484 .Chaldean

490 .Mideast

495 .Arab

496 .Arabic

499 .Other Arab

508 .Cameroonian

510 .Cape Verdean

515 .Congolese

522 .Ethiopian

523 .Eritrean

527 .Gambian (2017 or later) 529 .Ghanaian

530 .Guinean (2017 or later) 534 .Kenyan

541 .Liberian

553 .Nigerian

564 .Senegalese

566 .Sierra Leonean

568 .Somali

570 .South African

576 .Sudanese

586 .Togo (2017 or later) 587 .Other Subsaharan African 588 .Ugandan

593 .Zimbabwean (2017 or later) 598 .Western African

51

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

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750 .Korean

765 .Laotian

768 .Hmong

770 .Malaysian

776 .Thai

782 .Taiwanese

785 .Vietnamese

793 .Eurasian (2016 or earlier) 795 .Asian

799 .Other Asian

800 .Australian

803 .New Zealander

808 .Polynesian

811 .Hawaiian

814 .Samoan

815 .Tongan

820 .Micronesian

821 .Guamanian

822 .Chamorro

824 .Palauan (2017 or later) 825 .Marshallese

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904 .Negro

907 .Creole

913 .Central American Indian 914 .South American Indian 917 .Native American

918 .Indian

919 .Cherokee

52

920 .American Indian

921 .Aleut (2016 or earlier)

922 .Eskimo

924 .White

925 .Anglo

927 .Appalachian

929 .Pennsylvania German

931 .Canadian

935 .French Canadian

936 .Acadian (2017 or later)

937 .Cajun

939 .American

940 .United States

970 .New Mexico (2017 or later)

983 .Texas

994 .North American

995 .Mixture

996 .Uncodable entries

997 .Other groups

998 .Other responses

999 .Not reported

**DECADE Character 1**

Decade of entry

b .N/A (Born in the US)

1 .Before 1950

2 .1950 - 1959

3 .1960 - 1969

4 .1970 - 1979

5 .1980 - 1989

6 .1990 - 1999

7 .2000 - 2009

8 .2010 or later

**DIS Character 1**

Disability recode

1 .With a disability

2 .Without a disability

**DRIVESP Character 1**

Number of vehicles calculated from JWRI

b .N/A (Nonworker or worker who does not drive to work)

1 .1.000 vehicles (Drove alone)

2 .0.500 vehicles (In a 2-person carpool)

3 .0.333 vehicles (In a 3-person carpool)

4 .0.250 vehicles (In a 4-person carpool)

5 .0.200 vehicles (In a 5- or 6-person carpool)

6 .0.143 vehicles (In a 7-or-more person carpool)

**ESP Character 1**

Employment status of parents

b .N/A (not own child of householder, and not child in subfamily) 1 .Living with two parents: both parents in labor force

2 .Living with two parents: Father only in labor force

3 .Living with two parents: Mother only in labor force

4 .Living with two parents: Neither parent in labor force

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5 .Living with father: Father in the labor force

6 .Living with father: Father not in labor force

7 .Living with mother: Mother in the labor force

8 .Living with mother: Mother not in labor force

**ESR Character 1**

Employment status recode

b .N/A (less than 16 years old)

1 .Civilian employed, at work

2 .Civilian employed, with a job but not at work

3 .Unemployed

4 .Armed forces, at work

5 .Armed forces, with a job but not at work

6 .Not in labor force

**FOD1P Character 4**

Recoded field of degree - first entry

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

1100 .General Agriculture

1101 .Agriculture Production And Management

1102 .Agricultural Economics

1103 .Animal Sciences

1104 .Food Science

1105 .Plant Science And Agronomy

1106 .Soil Science

1199 .Miscellaneous Agriculture

1301 .Environmental Science

1302 .Forestry

1303 .Natural Resources Management

1401 .Architecture

1501 .Area Ethnic And Civilization Studies

1901 .Communications

1902 .Journalism

1903 .Mass Media

1904 .Advertising And Public Relations

2001 .Communication Technologies

2100 .Computer And Information Systems

2101 .Computer Programming And Data Processing

2102 .Computer Science

2105 .Information Sciences

2106 .Computer Administration Management And Security 2107 .Computer Networking And Telecommunications

2201 .Cosmetology Services And Culinary Arts

2300 .General Education

2301 .Educational Administration And Supervision

2303 .School Student Counseling

2304 .Elementary Education

2305 .Mathematics Teacher Education

2306 .Physical And Health Education Teaching

2307 .Early Childhood Education

2308 .Science And Computer Teacher Education

2309 .Secondary Teacher Education

2310 .Special Needs Education

2311 .Social Science Or History Teacher Education 2312 .Teacher Education: Multiple Levels

2313 .Language And Drama Education

2314 .Art And Music Education

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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

55

4001 .Intercultural And International Studies

4002 .Nutrition Sciences

4005 .Mathematics And Computer Science

4006 .Cognitive Science And Biopsychology

4007 .Interdisciplinary Social Sciences

4101 .Physical Fitness Parks Recreation And Leisure 4801 .Philosophy And Religious Studies

4901 .Theology And Religious Vocations

5000 .Physical Sciences

5001 .Astronomy And Astrophysics

5002 .Atmospheric Sciences And Meteorology

5003 .Chemistry

5004 .Geology And Earth Science

5005 .Geosciences

5006 .Oceanography

5007 .Physics

5008 .Materials Science

5098 .Multi-Disciplinary Or General Science

5102 .Nuclear, Industrial Radiology, And Biological Technologies 5200 .Psychology

5201 .Educational Psychology

5202 .Clinical Psychology

5203 .Counseling Psychology

5205 .Industrial And Organizational Psychology

5206 .Social Psychology

5299 .Miscellaneous Psychology

5301 .Criminal Justice And Fire Protection

5401 .Public Administration

5402 .Public Policy

5403 .Human Services And Community Organization

5404 .Social Work

5500 .General Social Sciences

5501 .Economics

5502 .Anthropology And Archeology

5503 .Criminology

5504 .Geography

5505 .International Relations

5506 .Political Science And Government

5507 .Sociology

5599 .Miscellaneous Social Sciences

5601 .Construction Services

5701 .Electrical, Mechanical, And Precision Technologies And .Production

5901 .Transportation Sciences And Technologies

6000 .Fine Arts

6001 .Drama And Theater Arts

6002 .Music

6003 .Visual And Performing Arts

6004 .Commercial Art And Graphic Design

6005 .Film Video And Photographic Arts

6006 .Art History And Criticism

6007 .Studio Arts

6099 .Miscellaneous Fine Arts

6100 .General Medical And Health Services

6102 .Communication Disorders Sciences And Services 6103 .Health And Medical Administrative Services

6104 .Medical Assisting Services

56

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

bbbb .N/A (Less Than Bachelor's Degree)

1100 .General Agriculture

1101 .Agriculture Production And Management

1102 .Agricultural Economics

1103 .Animal Sciences

1104 .Food Science

1105 .Plant Science And Agronomy

1106 .Soil Science

1199 .Miscellaneous Agriculture

1301 .Environmental Science

1302 .Forestry

1303 .Natural Resources Management

1401 .Architecture

1501 .Area Ethnic And Civilization Studies

1901 .Communications

1902 .Journalism

1903 .Mass Media

1904 .Advertising And Public Relations

2001 .Communication Technologies

2100 .Computer And Information Systems

2101 .Computer Programming And Data Processing

2102 .Computer Science

2105 .Information Sciences

2106 .Computer Administration Management And Security 2107 .Computer Networking And Telecommunications

2201 .Cosmetology Services And Culinary Arts

2300 .General Education

2301 .Educational Administration And Supervision

2303 .School Student Counseling

2304 .Elementary Education

2305 .Mathematics Teacher Education

2306 .Physical And Health Education Teaching

57

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

58

3609 .Zoology

3611 .Neuroscience

3699 .Miscellaneous Biology

3700 .Mathematics

3701 .Applied Mathematics

3702 .Statistics And Decision Science

3801 .Military Technologies

4000 .Multi/Interdisciplinary Studies

4001 .Intercultural And International Studies

4002 .Nutrition Sciences

4005 .Mathematics And Computer Science

4006 .Cognitive Science And Biopsychology

4007 .Interdisciplinary Social Sciences

4101 .Physical Fitness Parks Recreation And Leisure 4801 .Philosophy And Religious Studies

4901 .Theology And Religious Vocations

5000 .Physical Sciences

5001 .Astronomy And Astrophysics

5002 .Atmospheric Sciences And Meteorology

5003 .Chemistry

5004 .Geology And Earth Science

5005 .Geosciences

5006 .Oceanography

5007 .Physics

5008 .Materials Science

5098 .Multi-Disciplinary Or General Science

5102 .Nuclear, Industrial Radiology, And Biological Technologies 5200 .Psychology

5201 .Educational Psychology

5202 .Clinical Psychology

5203 .Counseling Psychology

5205 .Industrial And Organizational Psychology

5206 .Social Psychology

5299 .Miscellaneous Psychology

5301 .Criminal Justice And Fire Protection

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5504 .Geography

5505 .International Relations

5506 .Political Science And Government

5507 .Sociology

5599 .Miscellaneous Social Sciences

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5901 .Transportation Sciences And Technologies

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6002 .Music

6003 .Visual And Performing Arts

6004 .Commercial Art And Graphic Design

59

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

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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

**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

60

20 .Uruguayan

21 .Venezuelan

22 .Other South American

23 .Spaniard

24 .All Other Spanish/Hispanic/Latino

**INDP Character 4**

Industry recode based on 2012 IND codes

bbbb .Not in universe (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 1680 .MFG-Cut And Sew Apparel

1690 .MFG-Apparel Accessories And Other Apparel

1770 .MFG-Footwear

1790 .MFG-Leather Tanning And Finishing And Other Allied Products .Manufacturing

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

61

2070 .MFG-Petroleum Refining

2090 .MFG-Miscellaneous Petroleum And Coal Products 2170 .MFG-Resin, Synthetic Rubber, And Fibers And Filaments 2180 .MFG-Agricultural Chemicals

2190 .MFG-Pharmaceuticals And Medicines

2270 .MFG-Paint, Coating, And Adhesives

2280 .MFG-Soap, Cleaning Compound, And Cosmetics

2290 .MFG-Industrial And Miscellaneous Chemicals

2370 .MFG-Plastics Products

2380 .MFG-Tires

2390 .MFG-Rubber Products, Except Tires

2470 .MFG-Pottery, Ceramics, And Plumbing Fixture Manufacturing 2480 .MFG- Clay Building Material And Refractories 2490 .MFG-Glass And Glass Products

2570 .MFG-Cement, Concrete, Lime, And Gypsum Products 2590 .MFG-Miscellaneous Nonmetallic Mineral Products 2670 .MFG-Iron And Steel Mills And Steel Products 2680 .MFG-Aluminum Production And Processing

2690 .MFG-Nonferrous Metal, Except Aluminum, Production And .Processing

2770 .MFG-Foundries

2780 .MFG-Metal Forgings And Stampings

2790 .MFG-Cutlery And Hand Tools

2870 .MFG-Structural Metals, And Boiler, Tank, And Shipping .Containers

2880 .MFG-Machine Shops; Turned Products; Screws, Nuts And Bolts 2890 .MFG-Coating, Engraving, Heat Treating And Allied Activities 2970 .MFG-Ordnance

2980 .MFG-Miscellaneous Fabricated Metal Products 2990 .MFG-Not Specified Metal Industries

3070 .MFG-Agricultural Implements

3080 .MFG-Construction, And Mining And Oil And Gas Field .Machinery

3095 .MFG-Commercial And Service Industry Machinery 3170 .MFG-Metalworking Machinery

3180 .MFG-Engine, Turbine, And Power Transmission Equipment 3190 .MFG-Machinery, N.E.C. Or Not Specified

3365 .MFG-Computer And Peripheral Equipment

3370 .MFG-Communications, And Audio And Video Equipment 3380 .MFG-Navigational, Measuring, Electromedical, And Control .Instruments

3390 .MFG-Electronic Components And Products, N.E.C. 3470 .MFG-Household Appliances

3490 .MFG-Electric Lighting And Electrical Equipment .Manufacturing, And Other Electrical Component

.Manufacturing, N.E.C.

3570 .MFG-Motor Vehicles And Motor Vehicle Equipment 3580 .MFG-Aircraft And Parts

3590 .MFG-Aerospace Products And Parts

3670 .MFG-Railroad Rolling Stock

3680 .MFG-Ship And Boat Building

3690 .MFG-Other Transportation Equipment

3770 .MFG-Sawmills And Wood Preservation

3780 .MFG-Veneer, Plywood, And Engineered Wood Products 3790 .MFG-Prefabricated Wood Buildings And Mobile Homes 3875 .MFG-Miscellaneous Wood Products

3895 .MFG-Furniture And Related Product

62

3960 .MFG-Medical Equipment And Supplies

3970 .MFG-Sporting And Athletic Goods, And Doll, Toy, And Game .Manufacturing

3980 .MFG-Miscellaneous Manufacturing, N.E.C.

3990 .MFG-Not Specified Manufacturing Industries

4070 .WHL-Motor Vehicles And Motor Vehicle Parts And Supplies .Merchant Wholesalers

4080 .WHL-Furniture And Home Furnishing Merchant Wholesalers 4090 .WHL-Lumber And Other Construction Materials Merchant .Wholesalers

4170 .WHL-Professional And Commercial Equipment And Supplies .Merchant Wholesalers

4180 .WHL-Metals And Minerals, Except Petroleum, Merchant .Wholesalers

4195 .WHL- Household Appliances And Electrical And Electronic .Goods Merchant Wholesalers

4265 .WHL-Hardware, And Plumbing And Heating Equipment, And .Supplies Merchant Wholesalers

4270 .WHL-Machinery, Equipment, And Supplies Merchant Wholesalers 4280 .WHL-Recyclable Material Merchant Wholesalers 4290 .WHL-Miscellaneous Durable Goods Merchant Wholesalers 4370 .WHL-Paper And Paper Products Merchant Wholesalers 4380 .WHL-Drugs, Sundries, And Chemical And Allied Products .Merchant Wholesalers

4390 .WHL-Apparel, Piece Goods, And Notions Merchant Wholesalers 4470 .WHL-Grocery And Related Product Merchant Wholesalers 4480 .WHL-Farm Product Raw Material Merchant Wholesalers 4490 .WHL-Petroleum And Petroleum Products Merchant Wholesalers 4560 .WHL-Alcoholic Beverages Merchant Wholesalers 4570 .WHL-Farm Supplies Merchant Wholesalers

4580 .WHL-Miscellaneous Nondurable Goods Merchant Wholesalers 4585 .WHL-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 4970 .RET-Grocery 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

5380 .RET-Department And Discount Stores

5390 .RET-Miscellaneous General Merchandise Stores

63

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

5590 .RET-Electronic Shopping

5591 .RET-Electronic Auctions

5592 .RET-Mail-Order Houses

5670 .RET-Vending Machine Operators

5680 .RET-Fuel Dealers

5690 .RET-Other Direct Selling Establishments

5790 .RET-Not Specified Retail Trade

6070 .TRN-Air Transportation

6080 .TRN-Rail Transportation

6090 .TRN-Water Transportation

6170 .TRN-Truck Transportation

6180 .TRN-Bus Service And Urban Transit

6190 .TRN-Taxi And Limousine Service

6270 .TRN-Pipeline Transportation

6280 .TRN-Scenic And Sightseeing Transportation

6290 .TRN-Services Incidental To Transportation

6370 .TRN-Postal Service

6380 .TRN-Couriers And Messengers

6390 .TRN-Warehousing And Storage

6470 .INF-Newspaper Publishers

6480 .INF-Periodical, Book, And Directory Publishers 6490 .INF-Software Publishers

6570 .INF-Motion Picture And Video Industries

6590 .INF-Sound Recording Industries

6670 .INF-Broadcasting, Except Internet

6672 .INF-Internet Publishing And Broadcasting And Web Search .Portals

6680 .INF-Wired Telecommunications Carriers

6690 .INF-Telecommunications, Except Wired Telecommunications .Carriers

6695 .INF-Data Processing, Hosting, And Related Services 6770 .INF-Libraries And Archives

6780 .INF-Other Information Services, Except Library 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

6990 .FIN-Insurance Carriers And Related Activities 7070 .FIN-Real Estate

7080 .FIN-Automotive Equipment Rental And Leasing 7170 .FIN-Video Tape And Disk Rental

7180 .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

64

7380 .PRF-Computer Systems Design And Related Services 7390 .PRF-Management, Scientific, And Technical Consulting .Services

7460 .PRF-Scientific Research And Development Services 7470 .PRF-Advertising, Public Relations, And Related Services 7480 .PRF-Veterinary Services

7490 .PRF-Other Professional, Scientific, And Technical Services 7570 .PRF-Management Of Companies And Enterprises 7580 .PRF-Employment Services

7590 .PRF-Business Support Services

7670 .PRF-Travel Arrangements And Reservation Services 7680 .PRF-Investigation And Security Services

7690 .PRF-Services To Buildings And Dwellings (Except Cleaning .During Construction And Immediately After Construction) 7770 .PRF-Landscaping Services

7780 .PRF-Other Administrative, And Other Support Services 7790 .PRF-Waste Management And Remediation Services 7860 .EDU-Elementary And Secondary Schools

7870 .EDU-Colleges, Universities, And Professional Schools, .Including Junior Colleges

7880 .EDU-Business, Technical, And Trade Schools And Training 7890 .EDU-Other Schools And Instruction, And Educational Support .Services

7970 .MED-Offices Of Physicians

7980 .MED-Offices Of Dentists

7990 .MED-Offices Of Chiropractors

8070 .MED-Offices Of Optometrists

8080 .MED-Offices Of Other Health Practitioners

8090 .MED-Outpatient Care Centers

8170 .MED-Home Health Care Services

8180 .MED-Other Health Care Services

8190 .MED-Hospitals

8270 .MED-Nursing Care Facilities (Skilled Nursing Facilities) 8290 .MED-Residential Care Facilities, Except Skilled Nursing .Facilities

8370 .SCA-Individual And Family Services

8380 .SCA-Community Food And Housing, And Emergency Services 8390 .SCA-Vocational Rehabilitation Services

8470 .SCA-Child Day Care Services

8560 .ENT-Performing Arts, Spectator Sports, And Related .Industries

8570 .ENT-Museums, Art Galleries, Historical Sites, And Similar .Institutions

8580 .ENT-Bowling Centers

8590 .ENT-Other Amusement, Gambling, And Recreation Industries 8660 .ENT-Traveler Accommodation

8670 .ENT-Recreational Vehicle Parks And Camps, And Rooming And .Boarding Houses

8680 .ENT-Restaurants And Other Food Services

8690 .ENT-Drinking Places, Alcoholic Beverages

8770 .SRV-Automotive Repair And Maintenance

8780 .SRV-Car Washes

8790 .SRV-Electronic And Precision Equipment Repair And .Maintenance

8870 .SRV-Commercial And Industrial Machinery And Equipment .Repair and Maintenance

8880 .SRV-Personal And Household Goods Repair And Maintenance

65

8970 .SRV-Barber Shops

8980 .SRV-Beauty Salons

8990 .SRV-Nail Salons And Other Personal Care Services

9070 .SRV-Drycleaning And Laundry Services

9080 .SRV-Funeral Homes, Cemeteries And Crematories

9090 .SRV-Other Personal Services

9160 .SRV-Religious Organizations

9170 .SRV-Civic, Social, Advocacy Organizations, And Grantmaking .and Giving Services

9180 .SRV-Labor Unions

9190 .SRV-Business, Professional, Political And Similar

.Organizations

9290 .SRV-Private Households

9370 .ADM-Executive Offices And Legislative Bodies

9380 .ADM-Public Finance Activities

9390 .ADM-Other General Government And Support

9470 .ADM-Justice, Public Order, And Safety Activities

9480 .ADM-Administration Of Human Resource Programs

9490 .ADM-Administration Of Environmental Quality And Housing .Programs

9570 .ADM-Administration Of Economic Programs And Space Research 9590 .ADM-National Security And International Affairs

9670 .MIL-U.S. Army

9680 .MIL-U.S. Air Force

9690 .MIL-U.S. Navy

9770 .MIL-U.S. Marines

9780 .MIL-U.S. Coast Guard

9790 .MIL-U.S. Armed Forces, Branch Not Specified

9870 .MIL-Military Reserves Or National Guard

9920 .Unemployed And Last Worked 5 Years Ago Or Earlier Or Never .Worked

**JWAP Character 3**

Time of arrival at work - hour and minute

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

001 .12:00 a.m. to 12:04 a.m.

002 .12:05 a.m. to 12:09 a.m.

003 .12:10 a.m. to 12:14 a.m.

004 .12:15 a.m. to 12:19 a.m.

005 .12:20 a.m. to 12:24 a.m.

006 .12:25 a.m. to 12:29 a.m.

007 .12:30 a.m. to 12:39 a.m.

008 .12:40 a.m. to 12:44 a.m.

009 .12:45 a.m. to 12:49 a.m.

010 .12:50 a.m. to 12:59 a.m.

011 .1:00 a.m. to 1:04 a.m.

012 .1:05 a.m. to 1:09 a.m.

013 .1:10 a.m. to 1:14 a.m.

014 .1:15 a.m. to 1:19 a.m.

015 .1:20 a.m. to 1:24 a.m.

016 .1:25 a.m. to 1:29 a.m.

017 .1:30 a.m. to 1:34 a.m.

018 .1:35 a.m. to 1:39 a.m.

019 .1:40 a.m. to 1:44 a.m.

020 .1:45 a.m. to 1:49 a.m.

021 .1:50 a.m. to 1:59 a.m.

022 .2:00 a.m. to 2:04 a.m.

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023 .2:05 a.m. to 2:09 a.m. 024 .2:10 a.m. to 2:14 a.m. 025 .2:15 a.m. to 2:19 a.m. 026 .2:20 a.m. to 2:24 a.m. 027 .2:25 a.m. to 2:29 a.m. 028 .2:30 a.m. to 2:34 a.m. 029 .2:35 a.m. to 2:39 a.m. 030 .2:40 a.m. to 2:44 a.m. 031 .2:45 a.m. to 2:49 a.m. 032 .2:50 a.m. to 2:54 a.m. 033 .2:55 a.m. to 2:59 a.m. 034 .3:00 a.m. to 3:04 a.m. 035 .3:05 a.m. to 3:09 a.m. 036 .3:10 a.m. to 3:14 a.m. 037 .3:15 a.m. to 3:19 a.m. 038 .3:20 a.m. to 3:24 a.m. 039 .3:25 a.m. to 3:29 a.m. 040 .3:30 a.m. to 3:34 a.m. 041 .3:35 a.m. to 3:39 a.m. 042 .3:40 a.m. to 3:44 a.m. 043 .3:45 a.m. to 3:49 a.m. 044 .3:50 a.m. to 3:54 a.m. 045 .3:55 a.m. to 3:59 a.m. 046 .4:00 a.m. to 4:04 a.m. 047 .4:05 a.m. to 4:09 a.m. 048 .4:10 a.m. to 4:14 a.m. 049 .4:15 a.m. to 4:19 a.m. 050 .4:20 a.m. to 4:24 a.m. 051 .4:25 a.m. to 4:29 a.m. 052 .4:30 a.m. to 4:34 a.m. 053 .4:35 a.m. to 4:39 a.m. 054 .4:40 a.m. to 4:44 a.m. 055 .4:45 a.m. to 4:49 a.m. 056 .4:50 a.m. to 4:54 a.m. 057 .4:55 a.m. to 4:59 a.m. 058 .5:00 a.m. to 5:04 a.m. 059 .5:05 a.m. to 5:09 a.m. 060 .5:10 a.m. to 5:14 a.m. 061 .5:15 a.m. to 5:19 a.m. 062 .5:20 a.m. to 5:24 a.m. 063 .5:25 a.m. to 5:29 a.m. 064 .5:30 a.m. to 5:34 a.m. 065 .5:35 a.m. to 5:39 a.m. 066 .5:40 a.m. to 5:44 a.m. 067 .5:45 a.m. to 5:49 a.m. 068 .5:50 a.m. to 5:54 a.m. 069 .5:55 a.m. to 5:59 a.m. 070 .6:00 a.m. to 6:04 a.m. 071 .6:05 a.m. to 6:09 a.m. 072 .6:10 a.m. to 6:14 a.m. 073 .6:15 a.m. to 6:19 a.m. 074 .6:20 a.m. to 6:24 a.m. 075 .6:25 a.m. to 6:29 a.m. 076 .6:30 a.m. to 6:34 a.m. 077 .6:35 a.m. to 6:39 a.m. 078 .6:40 a.m. to 6:44 a.m. 079 .6:45 a.m. to 6:49 a.m.

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080 .6:50 a.m. to 6:54 a.m. 081 .6:55 a.m. to 6:59 a.m. 082 .7:00 a.m. to 7:04 a.m. 083 .7:05 a.m. to 7:09 a.m. 084 .7:10 a.m. to 7:14 a.m. 085 .7:15 a.m. to 7:19 a.m. 086 .7:20 a.m. to 7:24 a.m. 087 .7:25 a.m. to 7:29 a.m. 088 .7:30 a.m. to 7:34 a.m. 089 .7:35 a.m. to 7:39 a.m. 090 .7:40 a.m. to 7:44 a.m. 091 .7:45 a.m. to 7:49 a.m. 092 .7:50 a.m. to 7:54 a.m. 093 .7:55 a.m. to 7:59 a.m. 094 .8:00 a.m. to 8:04 a.m. 095 .8:05 a.m. to 8:09 a.m. 096 .8:10 a.m. to 8:14 a.m. 097 .8:15 a.m. to 8:19 a.m. 098 .8:20 a.m. to 8:24 a.m. 099 .8:25 a.m. to 8:29 a.m. 100 .8:30 a.m. to 8:34 a.m. 101 .8:35 a.m. to 8:39 a.m. 102 .8:40 a.m. to 8:44 a.m. 103 .8:45 a.m. to 8:49 a.m. 104 .8:50 a.m. to 8:54 a.m. 105 .8:55 a.m. to 8:59 a.m. 106 .9:00 a.m. to 9:04 a.m. 107 .9:05 a.m. to 9:09 a.m. 108 .9:10 a.m. to 9:14 a.m. 109 .9:15 a.m. to 9:19 a.m. 110 .9:20 a.m. to 9:24 a.m. 111 .9:25 a.m. to 9:29 a.m. 112 .9:30 a.m. to 9:34 a.m. 113 .9:35 a.m. to 9:39 a.m. 114 .9:40 a.m. to 9:44 a.m. 115 .9:45 a.m. to 9:49 a.m. 116 .9:50 a.m. to 9:54 a.m. 117 .9:55 a.m. to 9:59 a.m. 118 .10:00 a.m. to 10:04 a.m.

119 .10:05 a.m. to 10:09 a.m. 120 .10:10 a.m. to 10:14 a.m. 121 .10:15 a.m. to 10:19 a.m. 122 .10:20 a.m. to 10:24 a.m. 123 .10:25 a.m. to 10:29 a.m. 124 .10:30 a.m. to 10:34 a.m. 125 .10:35 a.m. to 10:39 a.m. 126 .10:40 a.m. to 10:44 a.m. 127 .10:45 a.m. to 10:49 a.m. 128 .10:50 a.m. to 10:54 a.m. 129 .10:55 a.m. to 10:59 a.m. 130 .11:00 a.m. to 11:04 a.m. 131 .11:05 a.m. to 11:09 a.m. 132 .11:10 a.m. to 11:14 a.m. 133 .11:15 a.m. to 11:19 a.m. 134 .11:20 a.m. to 11:24 a.m. 135 .11:25 a.m. to 11:29 a.m. 136 .11:30 a.m. to 11:34 a.m.

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137 .11:35 a.m. to 11:39 a.m. 138 .11:40 a.m. to 11:44 a.m. 139 .11:45 a.m. to 11:49 a.m. 140 .11:50 a.m. to 11:54 a.m. 141 .11:55 a.m. to 11:59 a.m. 142 .12:00 p.m. to 12:04 p.m. 143 .12:05 p.m. to 12:09 p.m. 144 .12:10 p.m. to 12:14 p.m. 145 .12:15 p.m. to 12:19 p.m. 146 .12:20 p.m. to 12:24 p.m. 147 .12:25 p.m. to 12:29 p.m. 148 .12:30 p.m. to 12:34 p.m. 149 .12:35 p.m. to 12:39 p.m. 150 .12:40 p.m. to 12:44 p.m. 151 .12:45 p.m. to 12:49 p.m. 152 .12:50 p.m. to 12:54 p.m. 153 .12:55 p.m. to 12:59 p.m. 154 .1:00 p.m. to 1:04 p.m.

155 .1:05 p.m. to 1:09 p.m. 156 .1:10 p.m. to 1:14 p.m. 157 .1:15 p.m. to 1:19 p.m. 158 .1:20 p.m. to 1:24 p.m. 159 .1:25 p.m. to 1:29 p.m. 160 .1:30 p.m. to 1:34 p.m. 161 .1:35 p.m. to 1:39 p.m. 162 .1:40 p.m. to 1:44 p.m. 163 .1:45 p.m. to 1:49 p.m. 164 .1:50 p.m. to 1:54 p.m. 165 .1:55 p.m. to 1:59 p.m. 166 .2:00 p.m. to 2:04 p.m. 167 .2:05 p.m. to 2:09 p.m. 168 .2:10 p.m. to 2:14 p.m. 169 .2:15 p.m. to 2:19 p.m. 170 .2:20 p.m. to 2:24 p.m. 171 .2:25 p.m. to 2:29 p.m. 172 .2:30 p.m. to 2:34 p.m. 173 .2:35 p.m. to 2:39 p.m. 174 .2:40 p.m. to 2:44 p.m. 175 .2:45 p.m. to 2:49 p.m. 176 .2:50 p.m. to 2:54 p.m. 177 .2:55 p.m. to 2:59 p.m. 178 .3:00 p.m. to 3:04 p.m. 179 .3:05 p.m. to 3:09 p.m. 180 .3:10 p.m. to 3:14 p.m. 181 .3:15 p.m. to 3:19 p.m. 182 .3:20 p.m. to 3:24 p.m. 183 .3:25 p.m. to 3:29 p.m. 184 .3:30 p.m. to 3:34 p.m. 185 .3:35 p.m. to 3:39 p.m. 186 .3:40 p.m. to 3:44 p.m. 187 .3:45 p.m. to 3:49 p.m. 188 .3:50 p.m. to 3:54 p.m. 189 .3:55 p.m. to 3:59 p.m. 190 .4:00 p.m. to 4:04 p.m. 191 .4:05 p.m. to 4:09 p.m. 192 .4:10 p.m. to 4:14 p.m. 193 .4:15 p.m. to 4:19 p.m.

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194 .4:20 p.m. to 4:24 p.m. 195 .4:25 p.m. to 4:29 p.m. 196 .4:30 p.m. to 4:34 p.m. 197 .4:35 p.m. to 4:39 p.m. 198 .4:40 p.m. to 4:44 p.m. 199 .4:45 p.m. to 4:49 p.m. 200 .4:50 p.m. to 4:54 p.m. 201 .4:55 p.m. to 4:59 p.m. 202 .5:00 p.m. to 5:04 p.m. 203 .5:05 p.m. to 5:09 p.m. 204 .5:10 p.m. to 5:14 p.m. 205 .5:15 p.m. to 5:19 p.m. 206 .5:20 p.m. to 5:24 p.m. 207 .5:25 p.m. to 5:29 p.m. 208 .5:30 p.m. to 5:34 p.m. 209 .5:35 p.m. to 5:39 p.m. 210 .5:40 p.m. to 5:44 p.m. 211 .5:45 p.m. to 5:49 p.m. 212 .5:50 p.m. to 5:54 p.m. 213 .5:55 p.m. to 5:59 p.m. 214 .6:00 p.m. to 6:04 p.m. 215 .6:05 p.m. to 6:09 p.m. 216 .6:10 p.m. to 6:14 p.m. 217 .6:15 p.m. to 6:19 p.m. 218 .6:20 p.m. to 6:24 p.m. 219 .6:25 p.m. to 6:29 p.m. 220 .6:30 p.m. to 6:34 p.m. 221 .6:35 p.m. to 6:39 p.m. 222 .6:40 p.m. to 6:44 p.m. 223 .6:45 p.m. to 6:49 p.m. 224 .6:50 p.m. to 6:54 p.m. 225 .6:55 p.m. to 6:59 p.m. 226 .7:00 p.m. to 7:04 p.m. 227 .7:05 p.m. to 7:09 p.m. 228 .7:10 p.m. to 7:14 p.m. 229 .7:15 p.m. to 7:19 p.m. 230 .7:20 p.m. to 7:24 p.m. 231 .7:25 p.m. to 7:29 p.m. 232 .7:30 p.m. to 7:34 p.m. 233 .7:35 p.m. to 7:39 p.m. 234 .7:40 p.m. to 7:44 p.m. 235 .7:45 p.m. to 7:49 p.m. 236 .7:50 p.m. to 7:54 p.m. 237 .7:55 p.m. to 7:59 p.m. 238 .8:00 p.m. to 8:04 p.m. 239 .8:05 p.m. to 8:09 p.m. 240 .8:10 p.m. to 8:14 p.m. 241 .8:15 p.m. to 8:19 p.m. 242 .8:20 p.m. to 8:24 p.m. 243 .8:25 p.m. to 8:29 p.m. 244 .8:30 p.m. to 8:34 p.m. 245 .8:35 p.m. to 8:39 p.m. 246 .8:40 p.m. to 8:44 p.m. 247 .8:45 p.m. to 8:49 p.m. 248 .8:50 p.m. to 8:54 p.m. 249 .8:55 p.m. to 8:59 p.m. 250 .9:00 p.m. to 9:04 p.m.

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251 .9:05 p.m. to 9:09 p.m.

252 .9:10 p.m. to 9:14 p.m.

253 .9:15 p.m. to 9:19 p.m.

254 .9:20 p.m. to 9:24 p.m.

255 .9:25 p.m. to 9:29 p.m.

256 .9:30 p.m. to 9:34 p.m.

257 .9:35 p.m. to 9:39 p.m.

258 .9:40 p.m. to 9:44 p.m.

259 .9:45 p.m. to 9:49 p.m.

260 .9:50 p.m. to 9:54 p.m.

261 .9:55 p.m. to 9:59 p.m.

262 .10:00 p.m. to 10:04 p.m.

263 .10:05 p.m. to 10:09 p.m.

264 .10:10 p.m. to 10:14 p.m.

265 .10:15 p.m. to 10:19 p.m.

266 .10:20 p.m. to 10:24 p.m.

267 .10:25 p.m. to 10:29 p.m.

268 .10:30 p.m. to 10:34 p.m.

269 .10:35 p.m. to 10:39 p.m.

270 .10:40 p.m. to 10:44 p.m.

271 .10:45 p.m. to 10:49 p.m.

272 .10:50 p.m. to 10:55 p.m.

273 .10:55 p.m. to 10:59 p.m.

274 .11:00 p.m. to 11:04 p.m.

275 .11:05 p.m. to 11:09 p.m.

276 .11:10 p.m. to 11:14 p.m.

277 .11:15 p.m. to 11:19 p.m.

278 .11:20 p.m. to 11:24 p.m.

279 .11:25 p.m. to 11:29 p.m.

280 .11:30 p.m. to 11:34 p.m.

281 .11:35 p.m. to 11:39 p.m.

282 .11:40 p.m. to 11:44 p.m.

283 .11:45 p.m. to 11:49 p.m.

284 .11:50 p.m. to 11:54 p.m.

285 .11:55 p.m. to 11:59 p.m.

**JWDP Character 3**

Time of departure for work - hour and minute

bbb .N/A (not a worker; worker who worked at home) 001 .12:00 a.m. to 12:29 a.m.

002 .12:30 a.m. to 12:59 a.m.

003 .1:00 a.m. to 1:29 a.m.

004 .1:30 a.m. to 1:59 a.m.

005 .2:00 a.m. to 2:29 a.m.

006 .2:30 a.m. to 2:59 a.m.

007 .3:00 a.m. to 3:09 a.m.

008 .3:10 a.m. to 3:19 a.m.

009 .3:20 a.m. to 3:29 a.m.

010 .3:30 a.m. to 3:39 a.m.

011 .3:40 a.m. to 3:49 a.m.

012 .3:50 a.m. to 3:59 a.m.

013 .4:00 a.m. to 4:09 a.m.

014 .4:10 a.m. to 4:19 a.m.

015 .4:20 a.m. to 4:29 a.m.

016 .4:30 a.m. to 4:39 a.m.

017 .4:40 a.m. to 4:49 a.m.

018 .4:50 a.m. to 4:59 a.m.

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019 .5:00 a.m. to 5:04 a.m. 020 .5:05 a.m. to 5:09 a.m. 021 .5:10 a.m. to 5:14 a.m. 022 .5:15 a.m. to 5:19 a.m. 023 .5:20 a.m. to 5:24 a.m. 024 .5:25 a.m. to 5:29 a.m. 025 .5:30 a.m. to 5:34 a.m. 026 .5:35 a.m. to 5:39 a.m. 027 .5:40 a.m. to 5:44 a.m. 028 .5:45 a.m. to 5:49 a.m. 029 .5:50 a.m. to 5:54 a.m. 030 .5:55 a.m. to 5:59 a.m. 031 .6:00 a.m. to 6:04 a.m. 032 .6:05 a.m. to 6:09 a.m. 033 .6:10 a.m. to 6:14 a.m. 034 .6:15 a.m. to 6:19 a.m. 035 .6:20 a.m. to 6:24 a.m. 036 .6:25 a.m. to 6:29 a.m. 037 .6:30 a.m. to 6:34 a.m. 038 .6:35 a.m. to 6:39 a.m. 039 .6:40 a.m. to 6:44 a.m. 040 .6:45 a.m. to 6:49 a.m. 041 .6:50 a.m. to 6:54 a.m. 042 .6:55 a.m. to 6:59 a.m. 043 .7:00 a.m. to 7:04 a.m. 044 .7:05 a.m. to 7:09 a.m. 045 .7:10 a.m. to 7:14 a.m. 046 .7:15 a.m. to 7:19 a.m. 047 .7:20 a.m. to 7:24 a.m. 048 .7:25 a.m. to 7:29 a.m. 049 .7:30 a.m. to 7:34 a.m. 050 .7:35 a.m. to 7:39 a.m. 051 .7:40 a.m. to 7:44 a.m. 052 .7:45 a.m. to 7:49 a.m. 053 .7:50 a.m. to 7:54 a.m. 054 .7:55 a.m. to 7:59 a.m. 055 .8:00 a.m. to 8:04 a.m. 056 .8:05 a.m. to 8:09 a.m. 057 .8:10 a.m. to 8:14 a.m. 058 .8:15 a.m. to 8:19 a.m. 059 .8:20 a.m. to 8:24 a.m. 060 .8:25 a.m. to 8:29 a.m. 061 .8:30 a.m. to 8:34 a.m. 062 .8:35 a.m. to 8:39 a.m. 063 .8:40 a.m. to 8:44 a.m. 064 .8:45 a.m. to 8:49 a.m. 065 .8:50 a.m. to 8:54 a.m. 066 .8:55 a.m. to 8:59 a.m. 067 .9:00 a.m. to 9:04 a.m. 068 .9:05 a.m. to 9:09 a.m. 069 .9:10 a.m. to 9:14 a.m. 070 .9:15 a.m. to 9:19 a.m. 071 .9:20 a.m. to 9:24 a.m. 072 .9:25 a.m. to 9:29 a.m. 073 .9:30 a.m. to 9:34 a.m. 074 .9:35 a.m. to 9:39 a.m. 075 .9:40 a.m. to 9:44 a.m.

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076 .9:45 a.m. to 9:49 a.m. 077 .9:50 a.m. to 9:54 a.m. 078 .9:55 a.m. to 9:59 a.m. 079 .10:00 a.m. to 10:09 a.m.

080 .10:10 a.m. to 10:19 a.m. 081 .10:20 a.m. to 10:29 a.m. 082 .10:30 a.m. to 10:39 a.m. 083 .10:40 a.m. to 10:49 a.m. 084 .10:50 a.m. to 10:59 a.m. 085 .11:00 a.m. to 11:09 a.m. 086 .11:10 a.m. to 11:19 a.m. 087 .11:20 a.m. to 11:29 a.m. 088 .11:30 a.m. to 11:39 a.m. 089 .11:40 a.m. to 11:49 a.m. 090 .11:50 a.m. to 11:59 a.m. 091 .12:00 p.m. to 12:09 p.m. 092 .12:10 p.m. to 12:19 p.m. 093 .12:20 p.m. to 12:29 p.m. 094 .12:30 p.m. to 12:39 p.m. 095 .12:40 p.m. to 12:49 p.m. 096 .12:50 p.m. to 12:59 p.m. 097 .1:00 p.m. to 1:09 p.m.

098 .1:10 p.m. to 1:19 p.m. 099 .1:20 p.m. to 1:29 p.m. 100 .1:30 p.m. to 1:39 p.m. 101 .1:40 p.m. to 1:49 p.m. 102 .1:50 p.m. to 1:59 p.m. 103 .2:00 p.m. to 2:09 p.m. 104 .2:10 p.m. to 2:19 p.m. 105 .2:20 p.m. to 2:29 p.m. 106 .2:30 p.m. to 2:39 p.m. 107 .2:40 p.m. to 2:49 p.m. 108 .2:50 p.m. to 2:59 p.m. 109 .3:00 p.m. to 3:09 p.m. 110 .3:10 p.m. to 3:19 p.m. 111 .3:20 p.m. to 3:29 p.m. 112 .3:30 p.m. to 3:39 p.m. 113 .3:40 p.m. to 3:49 p.m. 114 .3:50 p.m. to 3:59 p.m. 115 .4:00 p.m. to 4:09 p.m. 116 .4:10 p.m. to 4:19 p.m. 117 .4:20 p.m. to 4:29 p.m. 118 .4:30 p.m. to 4:39 p.m. 119 .4:40 p.m. to 4:49 p.m. 120 .4:50 p.m. to 4:59 p.m. 121 .5:00 p.m. to 5:09 p.m. 122 .5:10 p.m. to 5:19 p.m. 123 .5:20 p.m. to 5:29 p.m. 124 .5:30 p.m. to 5:39 p.m. 125 .5:40 p.m. to 5:49 p.m. 126 .5:50 p.m. to 5:59 p.m. 127 .6:00 p.m. to 6:09 p.m. 128 .6:10 p.m. to 6:19 p.m. 129 .6:20 p.m. to 6:29 p.m. 130 .6:30 p.m. to 6:39 p.m. 131 .6:40 p.m. to 6:49 p.m. 132 .6:50 p.m. to 6:59 p.m.

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133 .7:00 p.m. to 7:29 p.m.

134 .7:30 p.m. to 7:59 p.m.

135 .8:00 p.m. to 8:29 p.m.

136 .8:30 p.m. to 8:59 p.m.

137 .9:00 p.m. to 9:09 p.m.

138 .9:10 p.m. to 9:19 p.m.

139 .9:20 p.m. to 9:29 p.m.

140 .9:30 p.m. to 9:39 p.m.

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143 .10:00 p.m. to 10:09 p.m.

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145 .10:20 p.m. to 10:29 p.m.

146 .10:30 p.m. to 10:39 p.m.

147 .10:40 p.m. to 10:49 p.m.

148 .10:50 p.m. to 10:59 p.m.

149 .11:00 p.m. to 11:29 p.m.

150 .11:30 p.m. to 11:59 p.m.

**LANP Character 4**

Language other than English spoken at home bbbb .N/A (GQ/vacant)

1000 .Jamaican Creole English

1025 .Other English-based Creole languages 1055 .Haitian

1069 .Kabuverdianu

1110 .German

1120 .Swiss German

1125 .Pennsylvania German

1130 .Yiddish

1132 .Dutch

1134 .Afrikaans

1140 .Swedish

1141 .Danish

1142 .Norwegian

1155 .Italian

1170 .French

1175 .Cajun French

1200 .Spanish

1210 .Portuguese

1220 .Romanian

1231 .Irish

1235 .Greek

1242 .Albanian

1250 .Russian

1260 .Ukrainian

1262 .Czech

1263 .Slovak

1270 .Polish

1273 .Bulgarian

1274 .Macedonian

1275 .Serbocroatian

1276 .Bosnian

1277 .Croatian

1278 .Serbian

1281 .Lithuanian

1283 .Latvian

74

1288 .Armenian

1290 .Farsi

1292 .Dari

1315 .Kurdish

1327 .Pashto

1340 .India N.E.C.

1350 .Hindi

1360 .Urdu

1380 .Bengali

1420 .Punjabi

1435 .Konkani

1440 .Marathi

1450 .Gujarati

1500 .Nepali

1525 .Pakistan N.E.C.

1530 .Sinhala

1540 .Other Indo-Iranian languages

1564 .Other Indo-European languages

1565 .Finnish

1582 .Hungarian

1675 .Turkish

1690 .Mongolian

1730 .Telugu

1737 .Kannada

1750 .Malayalam

1765 .Tamil

1900 .Khmer

1960 .Vietnamese

1970 .Chinese

2000 .Mandarin

2030 .Min Nan Chinese

2050 .Cantonese

2100 .Tibetan

2160 .Burmese

2270 .Chin languages

2350 .Karen languages

2430 .Thai

2475 .Lao

2525 .Iu Mien

2535 .Hmong

2560 .Japanese

2575 .Korean

2715 .Malay

2770 .Indonesian

2850 .Other languages of Asia

2910 .Filipino

2920 .Tagalog

2950 .Cebuano

3150 .Ilocano

3190 .Other Philippine languages

3220 .Chamorro

3270 .Marshallese

3350 .Chuukese

3420 .Samoan

3500 .Tongan

3570 .Hawaiian

3600 .Other Eastern Malayo-Polynesian languages

75

4500 .Arabic

4545 .Hebrew

4560 .Assyrian Neo-Aramaic

4565 .Chaldean Neo-Aramaic

4590 .Amharic

4640 .Tigrinya

4830 .Oromo

4840 .Somali

4880 .Other Afro-Asiatic languages

4900 .Nilo-Saharan languages

5150 .Swahili

5345 .Ganda

5525 .Shona

5645 .Other Bantu languages

5845 .Manding languages

5900 .Other Mande languages

5940 .Fulah

5950 .Wolof

6120 .Akan (incl. Twi)

6205 .Ga

6230 .Gbe languages

6290 .Yoruba

6300 .Edoid languages

6370 .Igbo

6500 .Other Niger-Congo languages

6795 .Other languages of Africa

6800 .Aleut languages

6839 .Ojibwa

6930 .Apache languages

6933 .Navajo

6936 .Kiowa-Tanoan languages (2016 or earlier)

7019 .Dakota languages

7032 .Muskogean languages

7039 .Keres

7050 .Cherokee

7059 .Zuni (2016 or earlier)

7060 .Uto-Aztecan languages

7124 .Other Native North American languages

7300 .Other Central and South American languages

9999 .Other and unspecified languages

**MIGPUMA Character 5**

Migration PUMA based on 2010 Census definition

bbbbb .N/A (person less than 1 year old/lived in same .house 1 year ago)

00001 .Did not live in the United States or in Puerto Rico .one year ago

00002 .Lived in Puerto Rico one year ago and current .residence is in the U.S.

00100..70100 .Assigned Migration PUMA. Use with MIGSP.

**MIGSP Character 3**

Migration recode - State or foreign country code

bbb .N/A (person less than 1 year old/lived in same house 1 year .ago)

001 .Alabama/AL

002 .Alaska/AK

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004 .Arizona/AZ

005 .Arkansas/AR

006 .California/CA

008 .Colorado/CO

009 .Connecticut/CT

010 .Delaware/DE

011 .District of Columbia/DC

012 .Florida/FL

013 .Georgia/GA

015 .Hawaii/HI

016 .Idaho/ID

017 .Illinois/IL

018 .Indiana/IN

019 .Iowa/IA

020 .Kansas/KS

021 .Kentucky/KY

022 .Louisiana/LA

023 .Maine/ME

024 .Maryland/MD

025 .Massachusetts/MA

026 .Michigan/MI

027 .Minnesota/MN

028 .Mississippi/MS

029 .Missouri/MO

030 .Montana/MT

031 .Nebraska/NE

032 .Nevada/NV

033 .New Hampshire/NH

034 .New Jersey/NJ

035 .New Mexico/NM

036 .New York/NY

037 .North Carolina/NC

038 .North Dakota/ND

039 .Ohio/OH

040 .Oklahoma/OK

041 .Oregon/OR

042 .Pennsylvania/PA

044 .Rhode Island/RI

045 .South Carolina/SC

046 .South Dakota/SD

047 .Tennessee/TN

048 .Texas/TX

049 .Utah/UT

050 .Vermont/VT

051 .Virginia/VA

053 .Washington/WA

054 .West Virginia/WV

055 .Wisconsin/WI

056 .Wyoming/WY

072 .Puerto Rico

109 .France

110 .Germany

111 .Northern Europe, Not Specified

113 .Eastern Europe, Not Specified

114 .Western Europe or Other Europe, Not Specified 120 .Italy

134 .Spain

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138 .United Kingdom, Excluding England

139 .England

163 .Russia

164 .Ukraine (2017 or later)

200 .Afghanistan

207 .China, Hong Kong, Macau & Paracel Islands

210 .India

213 .Iraq (2016 or earlier)

214 .Israel (2017 or later)

215 .Japan

217 .Korea

229 .Nepal

231 .Pakistan

233 .Philippines

235 .Saudi Arabia

240 .Taiwan

242 .Thailand

243 .Turkey

245 .United Arab Emirates (2017 or later)

247 .Vietnam

251 .Eastern Asia, Not Specified

252 .Western Asia, Not Specified

253 .South Central Asia or Asia, Not Specified

301 .Canada

303 .Mexico

312 .El Salvador

313 .Guatemala

314 .Honduras

317 .Central America, Not Specified

327 .Cuba

329 .Dominican Republic

332 .Haiti

333 .Jamaica

344 .Caribbean and North America, Not Specified

362 .Brazil

364 .Colombia

365 .Ecuador (2017 or later)

370 .Peru (2017 or later)

373 .Venezuela (2017 or later)

374 .South America, Not Specified

414 .Egypt

416 .Ethiopia (2017 or later)

427 .Kenya (2017 or later)

440 .Nigeria

467 .Western Africa, Not Specified

468 .Northern Africa or Other Africa, Not Specified

469 .Eastern Africa, Not Specified

501 .Australia

555 .Other US Island Areas, Oceania, Not Specified, or At Sea

**MSP Character 1**

Married, spouse present/spouse absent

b .N/A (age less than 15 years)

1 .Now married, spouse present

2 .Now married, spouse absent

3 .Widowed

4 .Divorced

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5 .Separated

6 .Never married

**NAICSP Character 8**

NAICS Industry code based on 2012 NAICS codes

bbbbbbbb .Not in universe (less than 16 years old/NILF who last .worked more than 5 years ago or never worked)

111 .AGR-Crop Production

112 .AGR-Animal Production And Aquaculture

1133 .AGR-Logging

113M .AGR-Forestry Except Logging

114 .AGR-Fishing, Hunting, And Trapping

115 .AGR-Support Activities For Agriculture And Forestry 211 .EXT-Oil And Gas Extraction

2121 .EXT-Coal Mining

2122 .EXT-Metal Ore Mining

2123 .EXT-Nonmetallic Mineral Mining And Quarrying

213 .EXT-Support Activities For Mining

2211P .UTL-Electric Power Generation, Transmission And

.Distribution

2212P .UTL-Natural Gas Distribution

22132 .UTL-Sewage Treatment Facilities

2213M .UTL-Water, Steam, Air Conditioning, And Irrigation .Systems

221MP .UTL-Electric And Gas, And Other Combinations

22S .UTL-Not Specified Utilities

23 .CON-Construction (The Cleaning Of Buildings And

.Dwellings Is Incidental During Construction And

.Immediately After Construction)

3113 .MFG-Sugar And Confectionery Products

3114 .MFG-Fruit And Vegetable Preserving And Specialty Foods 3115 .MFG-Dairy Products

3116 .MFG-Animal Slaughtering And Processing

311811 .MFG-Retail Bakeries

3118Z .MFG-Bakeries And Tortilla, Except Retail Bakeries 311M1 .MFG-Animal Food, Grain And Oilseed Milling

311M2 .MFG-Seafood And Other Miscellaneous Foods, N.E.C. 311S .MFG-Not Specified Food Industries

3121 .MFG-Beverage

3122 .MFG-Tobacco

3131 .MFG-Fiber, Yarn, And Thread Mills

3132Z .MFG-Fabric Mills, Except Knitting Mills

3133 .MFG-Textile And Fabric Finishing And Fabric Coating .Mills

31411 .MFG-Carpet And Rug Mills

314Z .MFG-Textile Product Mills, Except Carpet And Rug 3152 .MFG-Cut And Sew Apparel

3159 .MFG-Apparel Accessories And Other Apparel

3162 .MFG-Footwear

316M .MFG-Leather Tanning And Finishing And Other Allied .Products Manufacturing

31M .MFG-Knitting Fabric Mills, And Apparel Knitting Mills 3211 .MFG-Sawmills And Wood Preservation

3212 .MFG-Veneer, Plywood, And Engineered Wood Products 32199M .MFG-Prefabricated Wood Buildings And Mobile Homes 3219ZM .MFG-Miscellaneous Wood Products

3221 .MFG-Pulp, Paper, And Paperboard Mills

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32221 .MFG-Paperboard Container

3222M .MFG-Miscellaneous Paper And Pulp Products 3231 .MFG-Printing And Related Support Activities 32411 .MFG-Petroleum Refining

3241M .MFG-Miscellaneous Petroleum And Coal Products 3252 .MFG-Resin, Synthetic Rubber, And Fibers And Filaments 3253 .MFG-Agricultural Chemicals

3254 .MFG-Pharmaceuticals And Medicines

3255 .MFG-Paint, Coating, And Adhesives

3256 .MFG-Soap, Cleaning Compound, And Cosmetics 325M .MFG-Industrial And Miscellaneous Chemicals 3261 .MFG-Plastics Products

32621 .MFG-Tires

3262M .MFG-Rubber Products, Except Tires

32711 .MFG-Pottery, Ceramics, And Plumbing Fixture .Manufacturing

327120 .MFG- Clay Building Material And Refractories 3272 .MFG-Glass And Glass Products

3279 .MFG-Miscellaneous Nonmetallic Mineral Products 327M .MFG-Cement, Concrete, Lime, And Gypsum Products 3313 .MFG-Aluminum Production And Processing 3314 .MFG-Nonferrous Metal, Except Aluminum, Production And .Processing

3315 .MFG-Foundries

331M .MFG-Iron And Steel Mills And Steel Products 3321 .MFG-Metal Forgings And Stampings

3322 .MFG-Cutlery And Hand Tools

3327 .MFG-Machine Shops; Turned Products; Screws, Nuts And .Bolts

3328 .MFG-Coating, Engraving, Heat Treating And Allied .Activities

33299M .MFG-Ordnance

332M .MFG-Structural Metals, And Boiler, Tank, And Shipping .Containers

332MZ .MFG-Miscellaneous Fabricated Metal Products 33311 .MFG-Agricultural Implements

3331M .MFG-Construction, And Mining And Oil And Gas Field .Machinery

3333 .MFG-Commercial And Service Industry Machinery 3335 .MFG-Metalworking Machinery

3336 .MFG-Engine, Turbine, And Power Transmission Equipment 333MS .MFG-Machinery, Manufacturing, N.E.C. Or Not Specified 3341 .MFG-Computer And Peripheral Equipment

3345 .MFG-Navigational, Measuring, Electromedical, And .Control Instruments

334M1 .MFG-Communications, And Audio And Video Equipment 334M2 .MFG-Electronic Components And Products, N.E.C. 3352 .MFG-Household Appliances

335M .MFG-Electric Lighting And Electrical Equipment .Manufacturing, And Other Electrical Component

.Manufacturing, N.E.C.

33641M1 .MFG-Aircraft And Parts

33641M2 .MFG-Aerospace Products And Parts

3365 .MFG-Railroad Rolling Stock

3366 .MFG-Ship And Boat Building

3369 .MFG-Other Transportation Equipment

336M .MFG-Motor Vehicles And Motor Vehicle Equipment

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