

User Extract usa_00048.dat

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§ 1. Document Description

Citation

Title Statement	
Title:	Codebook for an IPUMS-USA Data Extract
Subtitle:	DDI 2.5 metadata describing the extract file 'usa_00048.dat'
Identification Number:	ddi2-22606_usa_00048.dat-usa.ipums.org
Responsibility Statement	
Authoring Entity:	Minnesota Population Center
Affiliation:	University of Minnesota
Production Statement	
Producer:	Minnesota Population Center
Affiliation:	University of Minnesota
Role:	Documentation
Date of Production:	October 12, 2017
Place of Production:	Minnesota Population Center, 50 Willey Hall, 225 - 19th Avenue South, Minneapolis, MN 55455
Distribution Statement	
Contact Persons:	Minnesota Population Center

Affiliation:	University of Minnesota
URI:	http://pop.umn.edu

§ 2. Study Description

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Contact Persons:	Minnesota Population Center
Affiliation:	University of Minnesota
URI:	http://pop.umn.edu
Version Statement	
Date:	2017-10-12

Study Scope

Subject Information

Topic Classification:	Technical Variables -- HOUSEHOLD
	Geographic Variables -- HOUSEHOLD
	Group Quarters Variables -- HOUSEHOLD
	Economic Characteristic Variables -- HOUSEHOLD
	Dwelling Characteristic Variables -- HOUSEHOLD
	Technical Variables -- PERSON
	Family Interrelationship Variables -- PERSON
	Demographic Variables -- PERSON
	Race, Ethnicity, and Nativity Variables -- PERSON
	Education Variables -- PERSON
	Work Variables -- PERSON
	Income Variables -- PERSON
	Occupational Standing Variables -- PERSON
	Migration Variables -- PERSON
	Place of Work and Travel Time Variables -- PERSON
Summary Data Description	
Time Period:	2015
Country:	United States
Notes	
Note:	Additional notes on a sample that is part of this study: 2015 ACS\ Density of the full data file: 1.0% Density of this extract: 0.1%

Data Access - Use Statement

Confidentiality Declaration
None

Contact Persons:	IPUMS-USA
Affiliation:	Minnesota Population Center
URI:	http://usa.ipums.org
Citation Requirement	
<p>Publications and research reports based on the IPUMS-USA database must cite it appropriately. The citation should include the following:</p> <p>Steven Ruggles, Katie Genadek, Ronald Goeken, Josiah Grover, and Matthew Sobek. Integrated Public Use Microdata Series: Version 7.0 [dataset]. Minneapolis, MN: University of Minnesota, 2017. https://doi.org/10.18128/D010.V7.0</p> <p>The licensing agreement for use of IPUMS-USA data requires that users supply us with the title and full citation for any publications, research reports, or educational materials making use of the data or documentation. Please add your citation to the IPUMS bibliography at http://bibliography.ipums.org/.</p>	
Conditions	
<p>Users of IPUMS-USA data must agree to abide by the conditions of use. A user's license is valid for one year and may be renewed. Users must agree to the following conditions:</p> <p>(1) No fees may be charged for use or distribution of the data.</p> <p>(2) Cite IPUMS appropriately. For information on proper citation, refer to the citation requirement section of this DDI document.</p> <p>(3) Tell us about any work you do using the IPUMS. Publications, research reports, or presentations making use of IPUMS-USA should be added to our Bibliography. Continued funding for the IPUMS depends on our ability to show our sponsor agencies that researchers are using the data for productive purposes.</p> <p>(4) The IPUMS cannot be used for genealogical research</p> <p>(5) It is difficult to use the IPUMS to study small geographic areas. In the IPUMS census samples for years 1940-present, no places having a population of fewer than 100,000 persons can be identified.</p> <p>(6) Use it for GOOD -- never for EVIL.</p> <p>(7) Please notify ipums@umn.edu regarding errors in the data or documentation.</p>	
Disclaimer	
<p>The user of the data acknowledges that the original collector of the data, the authorized distributor of the data, and the relevant funding agency bear no responsibility for use of the data or for interpretations or inferences based upon such uses.</p>	

Study Notes

Notes	
Note:	User-provided description: Revision of (2015 acs 1 year for class 300k persons)
	This extract is a revision of the user's previous extract, number 45.

§ 3. File Description

File

File Name:	usa_00048.dat
Contents of Files:	Microdata records
Type:	rectangular
File Type:	ISO-8859-1 data file
Data Format:	fixed length fields
Place of File Production:	Minnesota Population Center, 50 Willey Hall, 225 - 19th Avenue South, Minneapolis, MN 55455

§ 4. Variable Description

Jump to Variable

1. [YEAR](#) (Census year)
2. [DATANUM](#) (Data set number)
3. [SERIAL](#) (Household serial number)
4. [HHWT](#) (Household weight)
5. [STATEFIP](#) (State (FIPS code))
6. [MET2013](#) (Metropolitan area, 2013 OMB delineations)
7. [PUMA](#) (Public Use Microdata Area)
8. [GQ](#) (Group quarters status)
9. [OWNERSHP](#) (Ownership of dwelling (tenure) [general version])
10. [OWNERSHPD](#) (Ownership of dwelling (tenure) [detailed version])
11. [BEDROOMS](#) (Number of bedrooms)
12. [PERNUM](#) (Person number in sample unit)
13. [PERWT](#) (Person weight)
14. [FAMSIZE](#) (Number of own family members in household)
15. [NCHILD](#) (Number of own children in the household)
16. [NCHLT5](#) (Number of own children under age 5 in household)
17. [ELDCH](#) (Age of eldest own child in household)
18. [NSIBS](#) (Number of own siblings in household)
19. [RELATE](#) (Relationship to household head [general version])
20. [RELATED](#) (Relationship to household head [detailed version])
21. [SEX](#) (Sex)
22. [AGE](#) (Age)
23. [MARST](#) (Marital status)
24. [BIRTHYR](#) (Year of birth)
25. [FERTYR](#) (Children born within the last year)

26. [RACE](#) (Race [general version])
27. [RACED](#) (Race [detailed version])
28. [HISPAN](#) (Hispanic origin [general version])
29. [HISPAND](#) (Hispanic origin [detailed version])
30. [BPL](#) (Birthplace [general version])
31. [BPLD](#) (Birthplace [detailed version])
32. [CITIZEN](#) (Citizenship status)
33. [YRSUSA1](#) (Years in the United States)
34. [LANGUAGE](#) (Language spoken [general version])
35. [LANGUAGED](#) (Language spoken [detailed version])
36. [SPEAKENG](#) (Speaks English)
37. [EDUC](#) (Educational attainment [general version])
38. [EDUCD](#) (Educational attainment [detailed version])
39. [EMPSTAT](#) (Employment status [general version])
40. [EMPSTATD](#) (Employment status [detailed version])
41. [LABFORCE](#) (Labor force status)
42. [OCC](#) (Occupation)
43. [IND](#) (Industry)
44. [INCTOT](#) (Total personal income)
45. [INCWAGE](#) (Wage and salary income)
46. [POVERTY](#) (Poverty status)
47. [HWSEI](#) (Socioeconomic Index, Hauser and Warren)
48. [MIGRATE1](#) (Migration status, 1 year [general version])
49. [MIGRATE1D](#) (Migration status, 1 year [detailed version])
50. [CARPOOL](#) (Carpooling)
51. [TRANTIME](#) (Travel time to work)

Variable: "YEAR"

Name:	YEAR
Label:	Census year
Variable Text:	<p>YEAR reports the four-digit year when the household was enumerated or included in the census, the ACS, and the PRCS.</p> <p>For the multi-year ACS/PRCS samples, YEAR indicates the last year of data included (e.g., 2007 for the 2005-2007 3-year ACS/PRCS; 2008 for the 2006-2008 3-year ACS/PRCS; and so on). For the actual year of survey in these multi-year data, see MULTYEAR.</p>
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	1
End Position:	4
Width:	4

Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
2013	2013
2012	2012
2011	2011
2010	2010
2009	2009
2008	2008
2007	2007
2006	2006
2005	2005
2004	2004
2003	2003
2002	2002
2001	2001
2000	2000
1990	1990
1980	1980
1970	1970
1960	1960
1950	1950
1940	1940

1930	1930
1920	1920
1910	1910
1900	1900
1880	1880
1870	1870
1860	1860
1850	1850
2014	2014
2015	2015

Variable: "DATANUM"

Name:	DATANUM
Label:	Data set number
Variable Text:	<p>DATANUM identifies the particular sample from which the case is drawn in a given year. For most censuses, the IPUMS has multiple datasets available which were constructed using different sampling techniques (i.e. size/demographic of the sample population, geographic coverage level or location, or duration of the sampling period for the ACS/PRCS samples).</p> <p>The 1970 samples present a special case; in addition to geographic coding differences, the samples were drawn from two distinct questionnaires ("long forms"), referred to in the IPUMS as Form 1 and Form 2. Different questions were asked of the persons in the Form 1 and Form 2 samples, necessitating separate treatment in the record layout. For other census years, DATANUM has a value of 1 because only one sample is available for that year.</p> <p>The availability table for each variable indicates whether that variable is available in only certain samples for a given year. For further discussion of sample differences, see "Sample Designs." [URL omitted from DDI.]</p>
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	5
End Position:	6
Width:	2

Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>The following years have multiple samples in the IPUMS. Some samples from recent years have been renamed in the IPUMS. The original sample names appear in parentheses.</p> <pre>* .indent { text-indent: 10px; } * .lrgindent { text-indent: 90px; }</pre> <p>DATANUM</p> <p>Census Year</p> <p>1850:</p> <p>1 = 1850 1% unweighted sample</p> <p>2 = 1850 100% dataset</p> <p>1860 and 1870:</p> <p>1 = 1860 and 1870 1% samples</p> <p>2 = 1860 and 1870 1% samples combined with Black oversamples</p> <p>1880:</p> <p>1 = 1880 1% sample</p> <p>2 = 1880 10% sample with oversample</p> <p>3 = 1880 100% dataset</p> <p>1900:</p> <p>1 = 1900 1% sample with oversample (2%)</p> <p>2 = 1900 1% unweighted sample</p> <p>3 = 1900 5% sample</p>

1910:

- 1 = 1910 1.4% sample with oversample
- 2 = 1910 1% unweighted sample
- 3 = 1910 1% Puerto Rico sample with oversample
- 4 = 1910 100% dataset

1920:

- 1 = 1920 1% sample
- 2 = 1920 Puerto Rico sample with oversample
- 3 = 1920 100% dataset

1930:

- 1 = 1930 1% sample
- 2 = 1930 5% sample
- 3 = 1930 5% Puerto Rico sample
- 4 = 1930 100% dataset

1940:

- 1 = 1940 1% sample
- 2 = 1940 100% sample

1950:

- 1 = 1950 1% sample

1960:

- 1 = 1960 1% sample
- 2 = 1960 5% sample (Internal Census)

1970:

- 1 = 1970 1% Form 1 State sample (5% State)
- 2 = 1970 1% Form 2 State sample (15% State)
- 3 = 1970 1% Form 1 Metro sample (5% County group)
- 4 = 1970 1% Form 2 Metro sample (15% County group)
- 5 = 1970 1% Form 1 Neighborhood sample (5% Neighborhood characteristics)
- 6 = 1970 1% Form 2 Neighborhood sample (15% Neighborhood characteristics)
- 8 = 1970 1% Puerto Rico State sample
- 9 = 1970 1% Puerto Rico Municipio sample
- 0 = 1970 1% Puerto Rico Neighborhood sample

1980:

- 1 = 1980 5% State sample ("A," 5% State)
- 2 = 1980 1% Metro sample ("B," 1% County group)
- 3 = 1980 1% Urban/Rural sample ("C," 1% Urban/rural)
- 4 = 1980 1% Labor Market Areas sample ("D," 1% State)
- 5 = 1980 1% Detailed Metro/Nonmetro sample ("E," 1% Urban/rural)
- 6 = 1980 5% Puerto Rico sample
- 7 = 1980 1% Puerto Rico sample
- 8 = 1980 Puerto Rico Urban/Rural sample
- 9 = 1980 Internal Census sample

1990:

- 1 = 1990 5% State (5% State)
- 2 = 1990 1% Metro (1% Metropolitan)
- 3 = 1990 3%Elderly (3% Elderly)
- 4 = 1990 1% Flat (1%, derived from State sample)
- 5 = 1990 1% Labor Market Areas ("L," 1% State)
- 8 = 1990 Internal Census sample

2000:

1 = 2000 5% Census sample
 2 = 2000 1% Census sample (old)
 3 = 2000 ACS
 4 = 2000 1% Flat (1%, derived from 5% Census sample)
 5 = 2000 5% Puerto Rico sample
 6 = 2000 1% Puerto Rico sample (old)
 7 = 2000 1% Census sample
 8 = 2000 1% Puerto Rico sample

2010:

1 = 2010 10% Census sample
 2 = 2010 Puerto Rico 10% sample

ACS/PRCS 2001-Present

1 = ACS sample (except 2000 - see above)
 2 = PRCS sample (available starting in 2005)
 3 = ACS 3-Year sample (available starting with the 2005-2007 period)
 4 = PRCS 3-Year sample (available starting with the 2005-2007 period)
 5 = ACS 5-Year sample (available starting with the 2005-2009 period)
 6 = PRCS 5-Year sample (available starting with the 2005-2009 period)

Variable: "SERIAL"

Name:	SERIAL
Label:	Household serial number
Variable Text:	SERIAL is an identifying number unique to each household record in a given sample. All person records are assigned the same serial number as the household record that they follow. (Person records also have their own unique identifiers - see PERNUM.) A combination of YEAR, DATANUM, and SERIAL provides a unique identifier for every household in the IPUMS; the combination of YEAR, DATANUM, SERIAL, and PERNUM uniquely identifies every person in the database.

	For 1850-1930, households that are part of a multi-household dwelling can be identified by using the DWELLING and DWSEQ variables. See "Sample Designs" [URL omitted from DDI.] for further discussion of sampling from within multi-household dwellings.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	7
End Position:	14
Width:	8
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>SERIAL is an 8-digit numeric variable which assigns a unique identification number to each household record in a given sample (See PERNUM for the analogous person record identifier). A combination of YEAR, DATANUM, and SERIAL provides a unique identifier for every household in the IPUMS; the combination of YEAR, DATANUM, SERIAL, and PERNUM uniquely identifies every person in the database. SERIAL specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below if applicable by Census year (and data sample if specified).</p> <p>SERIAL Specific Variable Codes</p>

Variable: "HHWT"

Name:	HHWT
Label:	Household weight
Variable Text:	<p>HHWT indicates how many households in the U.S. population are represented by a given household in an IPUMS sample.</p> <p>It is generally a good idea to use HHWT when conducting a household-level analysis of any IPUMS sample. The use of HHWT is optional when analyzing one of the "flat" or unweighted IPUMS samples. Flat IPUMS samples include the 1% samples from 1850-1930, all samples from 1960, 1970, and 1980, the 1% unweighted samples from 1990 and 2000, the 10% 2010 sample, and any of the full count 100% census datasets. HHWT must be used to obtain nationally representative statistics for household-level analyses of any sample other than those.</p> <p>Users should also be sure to select one person (e.g., PERNUM = 1) to represent the entire household.</p> <p>For further explanation of the sample weights, see "Sample Designs" [URL omitted from DDI.] and "Sample Weights" [URL omitted from DDI.]. See also PERWT for a corresponding variable at the person level, and SLWT for a weight variable used with sample-line records in 1940 1% and 1950.</p>

Concept:	Technical Variables -- HOUSEHOLD
Start Position:	15
End Position:	24
Width:	10
Variable Format:	numeric
Implied Decimal Places:	2
Coder Instructions:	<p>HHWT is a 6-digit numeric variable which indicates how many households in the U.S. population are represented by a given household in an IPUMS sample and has two implied decimals. For example, a HHWT value of 010461 should be interpreted as 104.61. HHWT specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below if applicable by Census year (and data sample if specified).</p> <p>User Note: Users should also be sure to select one person (e.g., PERNUM = 1) to represent the entire household when using HHWT.</p> <p>HHWT Specific Variable Codes</p>

Variable: "STATEFIP"

Name:	STATEFIP
Label:	State (FIPS code)
Variable Text:	<p>STATEFIP reports the state in which the household was located, using the Federal Information Processing Standards (FIPS) coding scheme, which orders the states alphabetically. STATEFIP identifies state groups in the 1980 Urban/Rural sample that are not available in STATEICP; these state groups (codes 61-68) are only available for that particular sample. See "Geographic Coding and Comparability" [URL omitted from DDI.] for more information on the geographic detail available in particular samples.</p> <p>See STATEICP for further variable description details.</p>
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	25
End Position:	26
Width:	2

Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
99	State not identified
72	Puerto Rico
97	Military/Mil. Reservation
68	Alaska-Hawaii
67	Arizona-New Mexico
66	Utah-Nevada
65	Montana-Idaho-Wyoming
64	Maryland-Delaware
63	Minnesota-Iowa-Missouri-Kansas-Nebraska-S.Dakota-N.Dakota
62	Massachusetts-Rhode Island
61	Maine-New Hampshire-Vermont
55	Wisconsin
56	Wyoming
01	Alabama
02	Alaska
04	Arizona
05	Arkansas
06	California
08	Colorado
09	Connecticut

10	Delaware
11	District of Columbia
12	Florida
13	Georgia
15	Hawaii
16	Idaho
17	Illinois
18	Indiana
19	Iowa
20	Kansas
21	Kentucky
22	Louisiana
23	Maine
24	Maryland
25	Massachusetts
26	Michigan
27	Minnesota
28	Mississippi
29	Missouri
30	Montana
31	Nebraska
32	Nevada
33	New Hampshire
34	New Jersey
35	New Mexico
36	New York
37	North Carolina

38	North Dakota
39	Ohio
40	Oklahoma
41	Oregon
42	Pennsylvania
44	Rhode Island
45	South Carolina
46	South Dakota
47	Tennessee
48	Texas
49	Utah
50	Vermont
51	Virginia
53	Washington
54	West Virginia

Variable: "MET2013"

Name:	MET2013
Label:	Metropolitan area, 2013 OMB delineations
Variable Text:	<p>A metropolitan area, or metro area, is a region consisting of a large urban core together with surrounding communities that have a high degree of economic and social integration with the urban core.</p> <p>MET2013 identifies metro areas of residence using the 2013 definitions for metropolitan statistical areas (MSAs) from the U.S. Office of Management and Budget (OMB). The 2013 MSAs are the first to be based on 2010 standards and 2010 census data.</p> <p>MET2013 is available only for 2000 and later samples. Another variable, METAREA, identifies metro areas for earlier samples. Both variables are available for samples from 2000 through 2011. The Comparability section [URL omitted from DDI.] summarizes differences between the two variables.</p> <p>Inexact Correspondence with Official Delineations Since 1990, the only sub-state-level geographic information available in census PUMS data is for PUMAs, areas which occasionally straddle official metro area boundaries. Given this limitation, MET2013 cannot identify the exact set of households residing in each metro area.</p>

The protocol used by MET2013 is to identify the metro area in which the majority of each PUMA's population resided. If MET2013 identifies a metro area for a given household, it indicates that, for the PUMA in which the household resided, a majority of the PUMA's 2010 population resided in the identified metro area.

Match Errors and Code Suppression

MET2013's code assignment protocol yields errors of omission (residents of a MSA who are not identified as residents) and errors of commission (non-residents who are identified as residents). PUMAs often nest well within metro area boundaries, resulting in small match errors, if any. For many metro areas, however, especially smaller metro areas, the intersecting PUMAs are a poor match.

As an index of mismatch, IPUMS uses the sum of percent omission error (the portion of an MSA's population residing in excluded PUMAs) and percent commission error (the portion of the population in associated PUMAs that did not reside in the MSA).

MET2013 reports no code for MSAs where the sum of match errors is 15% or more.

For each reported MET2013 code, the MET2013ERR variable identifies the level of the sum of errors. Researchers may use MET2013ERR to impose a more restrictive error limit if desired.

To compute match errors, IPUMS uses 2010 populations for ACS and PRCS samples and 2000 populations for 2000 samples. For samples that use 2000 PUMA definitions (which includes the 2000 samples and ACS and PRCS samples through 2011), IPUMS estimates the populations of the areas of intersection between 2000 PUMAs and 2013 MSAs by summing the populations of census blocks that had their geographic center in each area.

For more detailed information about PUMA-MSA relationships and MET2013 match errors, IPUMS provides these tables (in Excel spreadsheets):

2000 5% sample:

Crosswalk Between 2013 MSAs and 2000 PUMAs with 2000 Populations [URL omitted from DDI.]

MET2013 Omission and Commission Errors by MSA [URL omitted from DDI.]

2005-2011 ACS and PRCS samples:

Crosswalk Between 2013 MSAs and 2000 PUMAs with 2010 Populations [URL omitted from DDI.]

MET2013 Omission and Commission Errors by MSA [URL omitted from DDI.]

2012 and later ACS and PRCS samples:

Crosswalk Between 2013 MSAs and 2010 PUMAs [URL omitted from DDI.]

MET2013 Omission and Commission Errors by MSA [URL omitted from DDI.]

Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	27
End Position:	31
Width:	5
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
21060	Elizabethtown-Fort Knox, KY
20500	Durham-Chapel Hill, NC
21780	Evansville, IN-KY
22140	Farmington, NM
22420	Flint, MI
22520	Florence-Muscle Shoals, AL
25220	Hammond, LA
25620	Hattiesburg, MS
27340	Jacksonville, NC
28420	Kennewick-Richland, WA
28660	Killeen-Temple, TX
28700	Kingsport-Bristol-Bristol, TN-VA
29340	Lake Charles, LA
37460	Panama City, FL
48700	Williamsport, PA
47220	Vineland-Bridgeton, NJ
46660	Valdosta, GA
45460	Terre Haute, IN
45220	Tallahassee, FL
44940	Sumter, SC
41060	St. Cloud, MN
38660	Ponce, PR
37900	Peoria, IL

00000	Not in identifiable area
10420	Akron, OH
10580	Albany-Schenectady-Troy, NY
10740	Albuquerque, NM
10900	Allentown-Bethlehem-Easton, PA-NJ
11100	Amarillo, TX
11260	Anchorage, AK
11460	Ann Arbor, MI
11500	Anniston-Oxford-Jacksonville, AL
11700	Asheville, NC
12060	Atlanta-Sandy Springs-Roswell, GA
12100	Atlantic City-Hammonton, NJ
12220	Auburn-Opelika, AL
12260	Augusta-Richmond County, GA-SC
12420	Austin-Round Rock, TX
12540	Bakersfield, CA
12580	Baltimore-Columbia-Towson, MD
12620	Bangor, ME
12700	Barnstable Town, MA
12940	Baton Rouge, LA
13140	Beaumont-Port Arthur, TX
13380	Bellingham, WA
13460	Bend-Redmond, OR
13780	Binghamton, NY
13820	Birmingham-Hoover, AL
13900	Bismarck, ND
13980	Blacksburg-Christiansburg-Radford, VA

14010	Bloomington, IL
14020	Bloomington, IN
14260	Boise City, ID
14460	Boston-Cambridge-Newton, MA-NH
14740	Bremerton-Silverdale, WA
14860	Bridgeport-Stamford-Norwalk, CT
15180	Brownsville-Harlingen, TX
15380	Buffalo-Cheektowaga-Niagara Falls, NY
15500	Burlington, NC
15540	Burlington-South Burlington, VT
15940	Canton-Massillon, OH
15980	Cape Coral-Fort Myers, FL
16580	Champaign-Urbana, IL
16620	Charleston, WV
16700	Charleston-North Charleston, SC
16740	Charlotte-Concord-Gastonia, NC-SC
16860	Chattanooga, TN-GA
16980	Chicago-Naperville-Elgin, IL-IN-WI
17020	Chico, CA
17140	Cincinnati, OH-KY-IN
17300	Clarksville, TN-KY
17460	Cleveland-Elyria, OH
17660	Coeur d'Alene, ID
17780	College Station-Bryan, TX
17820	Colorado Springs, CO
17860	Columbia, MO

17900	Columbia, SC
18140	Columbus, OH
18580	Corpus Christi, TX
19100	Dallas-Fort Worth-Arlington, TX
19300	Daphne-Fairhope-Foley, AL
19380	Dayton, OH
19460	Decatur, AL
19500	Decatur, IL
19660	Deltona-Daytona Beach-Ormond Beach, FL
19740	Denver-Aurora-Lakewood, CO
19780	Des Moines-West Des Moines, IA
19820	Detroit-Warren-Dearborn, MI
20100	Dover, DE
20700	East Stroudsburg, PA
20740	Eau Claire, WI
20940	El Centro, CA
21140	Elkhart-Goshen, IN
21340	El Paso, TX
21500	Erie, PA
21660	Eugene, OR
22180	Fayetteville, NC
22220	Fayetteville-Springdale-Rogers, AR-MO
22380	Flagstaff, AZ
22500	Florence, SC
22660	Fort Collins, CO
23060	Fort Wayne, IN
23420	Fresno, CA

23460	Gadsden, AL
23540	Gainesville, FL
23580	Gainesville, GA
24020	Glens Falls, NY
24140	Goldsboro, NC
24300	Grand Junction, CO
24340	Grand Rapids-Wyoming, MI
24660	Greensboro-High Point, NC
24780	Greenville, NC
24860	Greenville-Anderson-Mauldin, SC
25060	Gulfport-Biloxi-Pascagoula, MS
25260	Hanford-Corcoran, CA
25420	Harrisburg-Carlisle, PA
25500	Harrisonburg, VA
25540	Hartford-West Hartford-East Hartford, CT
25860	Hickory-Lenoir-Morganton, NC
25940	Hilton Head Island-Bluffton-Beaufort, SC
26140	Homosassa Springs, FL
26380	Houma-Thibodaux, LA
26420	Houston-The Woodlands-Sugar Land, TX
26620	Huntsville, AL
26900	Indianapolis-Carmel-Anderson, IN
26980	Iowa City, IA
27060	Ithaca, NY
27100	Jackson, MI
27140	Jackson, MS

27180	Jackson, TN
27260	Jacksonville, FL
27500	Janesville-Beloit, WI
27620	Jefferson City, MO
27780	Johnstown, PA
27900	Joplin, MO
28020	Kalamazoo-Portage, MI
28100	Kankakee, IL
28140	Kansas City, MO-KS
28940	Knoxville, TN
29100	La Crosse-Onalaska, WI-MN
29180	Lafayette, LA
29200	Lafayette-West Lafayette, IN
29420	Lake Havasu City-Kingman, AZ
29460	Lakeland-Winter Haven, FL
29540	Lancaster, PA
29620	Lansing-East Lansing, MI
29700	Laredo, TX
29740	Las Cruces, NM
29820	Las Vegas-Henderson-Paradise, NV
29940	Lawrence, KS
30140	Lebanon, PA
30340	Lewiston-Auburn, ME
30620	Lima, OH
30700	Lincoln, NE
30780	Little Rock-North Little Rock-Conway, AR
31080	Los Angeles-Long Beach-Anaheim, CA

31140	Louisville/Jefferson County, KY-IN
31180	Lubbock, TX
31340	Lynchburg, VA
31460	Madera, CA
31700	Manchester-Nashua, NH
31900	Mansfield, OH
32420	Mayagüez, PR
32580	McAllen-Edinburg-Mission, TX
32780	Medford, OR
32820	Memphis, TN-MS-AR
32900	Merced, CA
33100	Miami-Fort Lauderdale-West Palm Beach, FL
33140	Michigan City-La Porte, IN
33260	Midland, TX
33340	Milwaukee-Waukesha-West Allis, WI
33460	Minneapolis-St. Paul-Bloomington, MN-WI
33660	Mobile, AL
33700	Modesto, CA
33740	Monroe, LA
33780	Monroe, MI
33860	Montgomery, AL
34060	Morgantown, WV
34620	Muncie, IN
34740	Muskegon, MI
34820	Myrtle Beach-Conway-North Myrtle Beach, SC-NC
34900	Napa, CA

34940	Naples-Immokalee-Marco Island, FL
34980	Nashville-Davidson--Murfreesboro--Franklin, TN
35300	New Haven-Milford, CT
35380	New Orleans-Metairie, LA
35620	New York-Newark-Jersey City, NY-NJ-PA
35660	Niles-Benton Harbor, MI
35840	North Port-Sarasota-Bradenton, FL
35980	Norwich-New London, CT
36100	Ocala, FL
36140	Ocean City, NJ
36220	Odessa, TX
36260	Ogden-Clearfield, UT
36420	Oklahoma City, OK
36500	Olympia-Tumwater, WA
36540	Omaha-Council Bluffs, NE-IA
36740	Orlando-Kissimmee-Sanford, FL
36780	Oshkosh-Neenah, WI
36980	Owensboro, KY
37100	Oxnard-Thousand Oaks-Ventura, CA
37340	Palm Bay-Melbourne-Titusville, FL
37620	Parkersburg-Vienna, WV
37860	Pensacola-Ferry Pass-Brent, FL
37980	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD
38060	Phoenix-Mesa-Scottsdale, AZ
38300	Pittsburgh, PA
38340	Pittsfield, MA
38860	Portland-South Portland, ME

38900	Portland-Vancouver-Hillsboro, OR-WA
38940	Port St. Lucie, FL
39140	Prescott, AZ
39300	Providence-Warwick, RI-MA
39340	Provo-Orem, UT
39380	Pueblo, CO
39460	Punta Gorda, FL
39540	Racine, WI
39580	Raleigh, NC
39740	Reading, PA
39820	Redding, CA
39900	Reno, NV
40060	Richmond, VA
40140	Riverside-San Bernardino-Ontario, CA
40220	Roanoke, VA
40380	Rochester, NY
40420	Rockford, IL
40580	Rocky Mount, NC
40900	Sacramento--Roseville--Arden-Arcade, CA
40980	Saginaw, MI
41100	St. George, UT
41140	St. Joseph, MO-KS
41180	St. Louis, MO-IL
41500	Salinas, CA
41540	Salisbury, MD-DE
41620	Salt Lake City, UT

41660	San Angelo, TX
41700	San Antonio-New Braunfels, TX
41740	San Diego-Carlsbad, CA
41860	San Francisco-Oakland-Hayward, CA
41900	San Germán, PR
41940	San Jose-Sunnyvale-Santa Clara, CA
41980	San Juan-Carolina-Caguas, PR
42020	San Luis Obispo-Paso Robles-Arroyo Grande, CA
42100	Santa Cruz-Watsonville, CA
42140	Santa Fe, NM
42200	Santa Maria-Santa Barbara, CA
42220	Santa Rosa, CA
42540	Scranton--Wilkes-Barre--Hazleton, PA
42660	Seattle-Tacoma-Bellevue, WA
42680	Sebastian-Vero Beach, FL
43100	Sheboygan, WI
43340	Shreveport-Bossier City, LA
43900	Spartanburg, SC
44060	Spokane-Spokane Valley, WA
44100	Springfield, IL
44140	Springfield, MA
44180	Springfield, MO
44220	Springfield, OH
44300	State College, PA
44700	Stockton-Lodi, CA
45060	Syracuse, NY
45300	Tampa-St. Petersburg-Clearwater, FL

45780	Toledo, OH
45820	Topeka, KS
45940	Trenton, NJ
46060	Tucson, AZ
46220	Tuscaloosa, AL
46340	Tyler, TX
46520	Urban Honolulu, HI
46540	Utica-Rome, NY
46700	Vallejo-Fairfield, CA
47260	Virginia Beach-Norfolk-Newport News, VA-NC
47300	Visalia-Porterville, CA
47380	Waco, TX
47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
48140	Wausau, WI
48300	Wenatchee, WA
48620	Wichita, KS
48660	Wichita Falls, TX
48900	Wilmington, NC
49180	Winston-Salem, NC
49340	Worcester, MA-CT
49420	Yakima, WA
49620	York-Hanover, PA
49660	Youngstown-Warren-Boardman, OH-PA
49700	Yuba City, CA
49740	Yuma, AZ
19340	Davenport-Moline-Rock Island, IA-IL

16820	Charlottesville, VA
13740	Billings, MT
12980	Battle Creek, MI
12020	Athens-Clarke County, GA
11020	Altoona, PA
10780	Alexandria, LA
24540	Greeley, CO

Variable: "PUMA"

Name:	PUMA
Label:	Public Use Microdata Area
Variable Text:	<p>PUMA identifies the Public Use Microdata Area (PUMA) where the housing unit was located. In the 1990 State sample, PUMAs generally follow the boundaries of county groups, single counties, or census-defined "places". If these areas exceed 200,000 residents, they are divided into as many PUMAs of 100,000+ residents as possible. None of the 1990 State sample PUMAs cross state lines. For the 1990 Metro sample, PUMAs generally follow the boundaries of whole central cities, Metropolitan Statistical Areas, Primary Metropolitan Statistical Areas, or non-metropolitan places (See METAREA for definitions of these terms). If these areas exceed 200,000 residents, they are divided into as many PUMAs of 100,000+ residents as possible. 1990 Metro sample PUMAs sometimes cross state lines; when they do, STATEFIP and STATEICP codes are not available for households in those PUMAs. PUMAs in the 2000 census, 2010 census, and the 2005-onward ACS/PRCS also consist of 100,000+ residents, and they do not cross state lines.</p> <p>Note that PUMA is state-dependent. The codes must be read in combination with one of the STATE variables (STATEFIP or STATEICP). PUMAs are categorized by type (e.g., metropolitan, mixed metro/nonmetro, non-metropolitan) in the variable PUMATYPE. PUMA is similar to the county group variables, CNTYGP97 (1970) and CNTYGP98 (1980), and the State Economic Area variable (SEA) for 1940 and 1950.</p> <p>Note Regarding Multi-Year Samples: The Census Bureau redraws PUMA boundaries every 10 years based on population information gathered from the most recent decennial census. ACS samples incorporate the new PUMAs within a few years of the Decennial Census. See the comparability statement to see which PUMAs are used in each sample. In Multi-Year ACS files, PUMA boundaries depend on the original year the respondent was interviewed (see MULTYEAR). For example in the 2010-2012 3-year ACS sample, respondents from 2010 and 2011 correspond to the Census 2000 based PUMAs, while respondents from 2012 correspond to the Census 2010 based PUMAs.</p>
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	32
End Position:	36

Width:	5
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>PUMA is a 5-digit numeric variable identifying the Public Use Microdata Area (PUMA) where the housing unit was located. PUMAs are categorized by type (e.g., metropolitan, mixed metro/nonmetro, non-metropolitan) in the variable PUMATYPE. PUMA is similar to the county group variables, CNTYGP97 (1970) and CNTYGP98 (1980), and the State Economic Area variable (SEA) for 1940 and 1950. PUMA specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below by Census year (and data sample if specified).</p> <p>User Note: PUMAs are drawn and coded differently for the 1990 State and Metro samples. In the 1990 State sample, PUMAs generally follow the boundaries of groups of counties, single counties, or census-defined "places". If such areas exceed 200,000 residents, they are divided into as many PUMAs of 100,000+ residents as possible. None of the 1990 State sample PUMAs cross state lines. In the 1990 Metro sample, PUMAs generally follow the boundaries of whole central cities, Metropolitan Statistical Areas, Primary Metropolitan Statistical Areas, or non-metropolitan places (See METAREA for definitions of these terms). If these areas exceed 200,000 residents, they are divided into as many PUMAs of 100,000+ residents as possible. 1990 Metro sample PUMAs sometimes cross state lines; when they do, STATEFIP and STATEICP codes are not available for households in those PUMAs. PUMAs in the 2000 census, 2010 census, and the 2005-onward ACS/PRCS also consist of 100,000+ residents, and they do not cross state lines.</p> <p>User Note: PUMA is state-dependent, therefore the codes must be read in combination with one of the STATE variables: STATEFIP or STATEICP.</p> <p>PUMA Specific Variable Codes See links for details regarding PUMA codes: Census 2010 based PUMA map and Boundary files [URL omitted from DDI.] Census 2000 based PUMA and Super-PUMA Maps, Boundary files and Detailed Composition [URL omitted from DDI.] 1990 PUMA Maps, Boundary files and Detailed Composition [URL omitted from DDI.] 1990 PUMAs crossing state lines, 1 percent Metro sample [URL omitted from DDI.]</p> <p>User Note: In the 2006-2011 ACS, persons living in Louisiana PUMAs 01801, 01802, and 01905 were all coded as living in Louisiana PUMA 77777. This is because these three PUMAs no longer had sufficient population to be included as separate entities due the effects of hurricane Katrina.</p>

Variable: "GQ"

Name:	GQ
Label:	Group quarters status
Variable Text:	<p>GQ classifies all housing units as falling into one of three main categories: households, group quarters, or vacant units. It also identifies fragmentary sample units for 1850-1930 (see below). In all years, the data available about a person and their co-residents depend on whether the person lives in a household or in group quarters. Households are sampled as units, meaning that everyone in the household is included in the sample, and most household-level variables are available. People living in group quarters are generally sampled</p>

as individuals; other people in their unit may or may not be included in the sample, and there is no way of linking co-residents' records to one another. If, however, a sampled person in group quarters was living with relatives, the related group was sampled for 1850-1930. Most household-level variables are not available for group quarters or for vacant units.

Group quarters are largely institutions and other group living arrangements, such as rooming houses and military barracks. The definitions vary from year to year, but the pre-1940 samples have generally used a definition of group quarters that includes units with 10 or more individuals unrelated to the householder. See the comparability discussion below and "Sample Designs" [URL omitted from DDI.] for more details about changing definitions of group quarters. Group-quarters types are identified in further detail by GQTYPE and QGFUNDS.

Concept:	Group Quarters Variables -- HOUSEHOLD
Start Position:	37
End Position:	37
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0	Vacant unit
1	Households under 1970 definition
2	Additional households under 1990 definition
3	Group quarters--Institutions
4	Other group quarters
5	Additional households under 2000 definition
6	Fragment

Variable: "OWNERSHP"

Name:	OWNERSHP
-------	----------

Label:	Ownership of dwelling (tenure) [general version]								
Variable Text:	OWNERSHP indicates whether the housing unit was rented or owned by its inhabitants. Housing units acquired with a mortgage or other lending arrangement(s) are classified as "owned," even if repayment was not yet completed.								
Concept:	Economic Characteristic Variables -- HOUSEHOLD								
Start Position:	38								
End Position:	38								
Width:	1								
Variable Format:	numeric								
Implied Decimal Places:	0								
Categories									
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>N/A</td></tr> <tr> <td>1</td><td>Owned or being bought (loan)</td></tr> <tr> <td>2</td><td>Rented</td></tr> </tbody> </table>		Value	Label	0	N/A	1	Owned or being bought (loan)	2	Rented
Value	Label								
0	N/A								
1	Owned or being bought (loan)								
2	Rented								

Variable: "OWNERSHPD"

Name:	OWNERSHPD
Label:	Ownership of dwelling (tenure) [detailed version]
Variable Text:	OWNERSHP indicates whether the housing unit was rented or owned by its inhabitants. Housing units acquired with a mortgage or other lending arrangement(s) are classified as "owned," even if repayment was not yet completed.
Concept:	Economic Characteristic Variables -- HOUSEHOLD
Start Position:	39
End Position:	40

Width:	2																		
Variable Format:	numeric																		
Implied Decimal Places:	0																		
Categories																			
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>00</td><td>N/A</td></tr> <tr> <td>10</td><td>Owned or being bought</td></tr> <tr> <td>11</td><td>Check mark (owns?)</td></tr> <tr> <td>12</td><td>Owned free and clear</td></tr> <tr> <td>13</td><td>Owned with mortgage or loan</td></tr> <tr> <td>20</td><td>Rented</td></tr> <tr> <td>21</td><td>No cash rent</td></tr> <tr> <td>22</td><td>With cash rent</td></tr> </tbody> </table>		Value	Label	00	N/A	10	Owned or being bought	11	Check mark (owns?)	12	Owned free and clear	13	Owned with mortgage or loan	20	Rented	21	No cash rent	22	With cash rent
Value	Label																		
00	N/A																		
10	Owned or being bought																		
11	Check mark (owns?)																		
12	Owned free and clear																		
13	Owned with mortgage or loan																		
20	Rented																		
21	No cash rent																		
22	With cash rent																		

Variable: "BEDROOMS"

Name:	BEDROOMS
Label:	Number of bedrooms
Variable Text:	<p>BEDROOMS reports the number of bedrooms within the housing unit.</p> <p>In 1960, not all households received this question, and only 20 percent of cases in the IPUMS include the question. Such cases accurately represent proportional distributions but not correct absolute numbers for the total population. See SAMP1960 for instructions on making appropriate corrections to derive absolute numbers for the total population.</p> <p>The Census Bureau released revised data for the 2008 and 2006-8 multiyear ACS in November 2010. The original releases erroneously assigned values of zero bedrooms for some missing values instead of imputing values for the number of bedrooms. Please see ACS Errata #54 and #64 for more information about the errors and the revisions. [URL omitted from DDI.] The revised releases correct this error. BEDROOMS reports these revised values.</p> <p>We provide the original values in BEDROOMSORIG so that users can analyze the differences in the revisions or replicate previous analyses. However, we recommend that users analyze the revised variable BEDROOMS in their research.</p>

	User Note: After removing the "not applicable" category (coded 00), to get the actual number of bedrooms, users must subtract 1 from the value of BEDROOMS.
Concept:	Dwelling Characteristic Variables -- HOUSEHOLD
Start Position:	41
End Position:	42
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
00	N/A
01	No bedrooms
02	1
03	2
04	3
05	4 (4+ in 1960)
06	5+ (1970-2000, ACS, PRCS)
07	6
08	7
09	8
10	9
11	10
12	11
13	12

14	13
15	14
16	15
17	16
18	17
19	18
20	19
21	20
22	21

Variable: "PERNUM"

Name:	PERNUM
Label:	Person number in sample unit
Variable Text:	PERNUM numbers all persons within each household consecutively in the order in which they appear on the original census or survey form. When combined with YEAR, DATANUM, and SERIAL, PERNUM uniquely identifies each person within the IPUMS.
Concept:	Technical Variables -- PERSON
Start Position:	43
End Position:	46
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	PERNUM is a 4-digit numeric variable which numbers all persons within each household consecutively in the order in which they appear on the original census or survey form. PERNUM specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom

value coding, etc. are provided below if applicable by Census year (and data sample if specified).

Variable: "PERWT"

Name:	PERWT
Label:	Person weight
Variable Text:	<p>PERWT indicates how many persons in the U.S. population are represented by a given person in an IPUMS sample.</p> <p>It is generally a good idea to use PERWT when conducting a person-level analysis of any IPUMS sample. The use of PERWT is optional when analyzing one of the "flat" or unweighted IPUMS samples. Flat IPUMS samples include the 1% samples from 1850-1930, all samples from 1960, 1970, and 1980, the 1% unweighted samples from 1990 and 2000, the 10% 2010 sample, and any of the full count 100% census datasets. PERWT must be used to obtain nationally representative statistics for person-level analyses of any sample other than those.</p> <p>For further explanation of the sample weights, see "Sample Designs" [URL omitted from DDI.] and "Sample Weights" [URL omitted from DDI.]. See also HHWT for a corresponding variable at the household level, and SLWT for a weight variable used with sample-line records in 1940 and 1950.</p>
Concept:	Technical Variables -- PERSON
Start Position:	47
End Position:	56
Width:	10
Variable Format:	numeric
Implied Decimal Places:	2
Coder Instructions:	<p>PERWT is a 6-digit numeric variable which indicates how many persons in the U.S. population are represented by a given person in an IPUMS sample and has two implied decimals. For example, a PERWT value of 010461 should be interpreted as 104.61. PERWT specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below if applicable by Census year (and data sample if specified).</p> <p>PERWT Specific Variable Codes</p>

Variable: "FAMSIZE"

Name:	FAMSIZE
-------	---------

Label:	Number of own family members in household
Variable Text:	FAMSIZE counts the number of own family members residing with each individual, including the person her/himself. Persons not living with others related to them by blood, marriage, or adoption are coded 1.
Concept:	Family Interrelationship Variables -- PERSON
Start Position:	57
End Position:	58
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
29	29
28	28
27	27
26	26
25	25
24	24
21	21
23	23
22	22
20	20
18	18
19	19

17	17
16	16
15	15
12	12
14	14
13	13
11	11
09	9
10	10
08	8
07	7
06	6
05	5
04	4
03	3
02	2 family members present
01	1 family member present

Variable: "NCHILD"

Name:	NCHILD
Label:	Number of own children in the household
Variable Text:	NCHILD counts the number of own children (of any age or marital status) residing with each individual. NCHILD includes step-children and adopted children as well as biological children. Persons with no children present are coded "0."
Concept:	Family Interrelationship Variables -- PERSON
Start Position:	59
End Position:	59

Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
7	7
8	8
9	9+
5	5
6	6
1	1 child present
2	2
3	3
4	4
0	0 children present

Variable: "NCHLT5"

Name:	NCHLT5
Label:	Number of own children under age 5 in household
Variable Text:	NCHLT5 counts the number of own children age 4 and under residing with each individual. NCHLT5 includes step-children and adopted children as well as biological children. Persons with no children under 5 present are coded "0."
Concept:	Family Interrelationship Variables -- PERSON
Start Position:	60
End	60

Position:	
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
8	8
9	9+
6	6
7	7
4	4
5	5
2	2
3	3
1	1 child under age 5
0	No children under age 5

Variable: "ELDCH"

Name:	ELDCH
Label:	Age of eldest own child in household
Variable Text:	ELDCH reports the age of the eldest own child (if any) residing with each individual, regardless of the child's age or marital status. ELDCH includes step-children and adopted children as well as biological children. The highest legitimate age for ELDCH is 98. Persons with no children present are coded 99.
Concept:	Family Interrelationship Variables -- PERSON
Start Position:	61

End Position:	62
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53

54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79

80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	N/A
34	34
35	35
33	33
32	32
31	31
30	30
27	27

28	28
29	29
25	25
26	26
20	20
21	21
22	22
23	23
24	24
17	17
18	18
19	19
15	15
16	16
11	11
12	12
13	13
14	14
09	9
10	10
07	7
08	8
04	4
05	5
06	6
00	Less than 1 year old

01	1
02	2
03	3

Variable: "NSIBS"

Name:	NSIBS
Label:	Number of own siblings in household
Variable Text:	NSIBS counts the number of own siblings (including half-siblings, step-siblings, and adopted siblings) residing with each individual. Persons with no siblings present are coded "0."
Concept:	Family Interrelationship Variables -- PERSON
Start Position:	63
End Position:	63
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0	0 siblings
1	1 sibling
2	2 siblings
3	3 siblings
4	4 siblings
5	5 siblings
6	6 siblings

7	7 siblings
8	8 siblings
9	9 or more siblings

Variable: "RELATE"

Name:	RELATE				
Label:	Relationship to household head [general version]				
Variable Text:	<p>RELATE describes an individual's relationship to the head of household or householder. Beginning in 1880, data on household relationship was asked of every person. The general relationship code is reasonably comparable across years. The detailed code makes distinctions that cannot be made in all years.</p> <p>The relationship codes are divided into two categories: relatives (codes 1-10) and non-relatives (codes 11-13). In general, the codes for relatives are self-explanatory. The non-relative codes are divided into three groups: "Partner, Friend, Visitor," roughly described as persons who do not pay or work for their accommodations (unless they share ownership); "Other Non-Relatives," including those persons paying or working for accommodations; and "Institutional Inmates." See the comparability discussion for further information about the coding scheme.</p> <p>RELATE is not available for 1850-1870, but the IPUMS variable IMPREL produces similar results. As a convenience, the extract system is set up so that users may include RELATE in extracts of the 1850-1870 samples. In those years, RELATE contains the information that is documented in the IMPREL variable description.</p>				
Concept:	Demographic Variables -- PERSON				
Start Position:	64				
End Position:	65				
Width:	2				
Variable Format:	numeric				
Implied Decimal Places:	0				
Categories					
<table> <tr> <th>Value</th><th>Label</th></tr> <tr> <td>01</td><td>Head/Householder</td></tr> </table>		Value	Label	01	Head/Householder
Value	Label				
01	Head/Householder				

02	Spouse
03	Child
04	Child-in-law
05	Parent
06	Parent-in-Law
07	Sibling
08	Sibling-in-Law
09	Grandchild
10	Other relatives
13	Institutional inmates
12	Other non-relatives
11	Partner, friend, visitor

Variable: "RELATED"

Name:	RELATED
Label:	Relationship to household head [detailed version]
Variable Text:	<p>RELATE describes an individual's relationship to the head of household or householder. Beginning in 1880, data on household relationship was asked of every person. The general relationship code is reasonably comparable across years. The detailed code makes distinctions that cannot be made in all years.</p> <p>The relationship codes are divided into two categories: relatives (codes 1-10) and non-relatives (codes 11-13). In general, the codes for relatives are self-explanatory. The non-relative codes are divided into three groups: "Partner, Friend, Visitor," roughly described as persons who do not pay or work for their accommodations (unless they share ownership); "Other Non-Relatives," including those persons paying or working for accommodations; and "Institutional Inmates." See the comparability discussion for further information about the coding scheme.</p> <p>RELATE is not available for 1850-1870, but the IPUMS variable IMPREL produces similar results. As a convenience, the extract system is set up so that users may include RELATE in extracts of the 1850-1870 samples. In those years, RELATE contains the information that is documented in the IMPREL variable description.</p>
Concept:	Demographic Variables -- PERSON
Start Position:	66

End Position:	69
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0101	Head/Householder
0201	Spouse
0202	2nd/3rd Wife (Polygamous)
0301	Child
0302	Adopted Child
0303	Stepchild
0304	Adopted, n.s.
0401	Child-in-law
0402	Step Child-in-law
0501	Parent
0502	Stepparent
0601	Parent-in-Law
0602	Stepparent-in-law
0701	Sibling
0702	Step/Half/Adopted Sibling
0801	Sibling-in-Law
0802	Step/Half Sibling-in-law
0901	Grandchild

0902	Adopted Grandchild
0903	Step Grandchild
0904	Grandchild-in-law
1000	Other Relatives:
1001	Other Relatives
1011	Grandparent
1012	Step Grandparent
1013	Grandparent-in-law
1021	Aunt or Uncle
1022	Aunt, Uncle-in-law
1301	Institutional inmates
1296	Non-inmates in institutions
1295	Other non-inmates 1960-1970 (includes employees)
1294	Other non-inmate 1980 (includes employees and non-inmates in
1293	Residents of rooming houses
1292	College dormitories
1291	Military
1284	Other non-inmate 1940-1959
1283	Relative of head, staff, or employee group quarters
1282	Employees of group quarters
1281	Head of group quarters
1270	Non-inmate 1990
1260	Other non-relatives (1990 includes employees)
1253	Relative of employee
1252	Non-domestic employees
1251	Domestic employees

1250	Employees
1242	Foster children
1241	Roomers/boarders/lodgers
1240	Roomers/boarders/lodgers and foster children
1239	Allocated other non-relative
1230	Other non-relatives
1223	Members of religious orders
1222	Students
1221	Military
1219	Relative of employee
1217	Other employee
1215	Nurse
1216	Other probable domestic employee
1213	Maid
1214	Cook
1212	Housekeeper
1211	Servant
1210	Employees:
1206	Foster child
1205	Tenant
1204	Roomer
1203	Lodgers
1202	Boarders
1201	Roomers/boarders/lodgers
1200	Other non-relatives
1139	Allocated partner/friend/visitor
1132	Companion and family of companion

1131	Visitor
1130	Concubine/Mistress
1120	Relative of partner
1115	Housemate/Roommate
1114	Unmarried Partner
1113	Partner/roommate
1112	Partner
1111	Friend
1110	Partner/friend
1100	Partner, Friend, Visitor
1032	Neph/Niece-in-law
1033	Step/Adopted Nephew/Niece
1034	Grand Niece/Nephew
1041	Cousin
1042	Cousin-in-law
1051	Great Grandchild
1061	Other relatives, nec
1031	Nephew, Niece
9996	Unclassifiable
9997	Unknown
9998	Illegible
9999	Missing

Variable: "SEX"

Name:	SEX
Label:	Sex

Variable Text:	SEX reports whether the person was male or female.						
Concept:	Demographic Variables -- PERSON						
Start Position:	70						
End Position:	70						
Width:	1						
Variable Format:	numeric						
Implied Decimal Places:	0						
Categories							
<table><tr><th>Value</th><th>Label</th></tr><tr><td>1</td><td>Male</td></tr><tr><td>2</td><td>Female</td></tr></table>		Value	Label	1	Male	2	Female
Value	Label						
1	Male						
2	Female						

Variable: "AGE"

Name:	AGE				
Label:	Age				
Variable Text:	AGE reports the person's age in years as of the last birthday.				
Concept:	Demographic Variables -- PERSON				
Start Position:	71				
End Position:	73				
Width:	3				
Variable Format:	numeric				
Implied Decimal Places:	0				
Categories					
<table><tr><th>Value</th><th>Label</th></tr><tr><td></td><td></td></tr></table>		Value	Label		
Value	Label				

135	135
129	129
130	130
125	125
126	126
123	123
124	124
121	121
122	122
119	119
120	120
118	118
116	116
117	117
115	115 (115+ in the 1990 internal data)
113	113
114	114
112	112 (112+ in the 1980 internal data)
111	111
110	110
109	109
108	108
107	107
106	106
104	104
105	105
102	102

103	103
101	101
099	99
100	100 (100+ in 1960-1970)
097	97
098	98
095	95
096	96
093	93
094	94
091	91
092	92
090	90 (90+ in 1980 and 1990)
089	89
087	87
088	88
086	86
084	84
085	85
082	82
083	83
080	80
081	81
078	78
079	79
077	77

075	75
076	76
074	74
073	73
072	72
071	71
070	70
068	68
069	69
067	67
065	65
066	66
064	64
062	62
063	63
061	61
060	60
059	59
058	58
057	57
056	56
055	55
053	53
054	54
051	51
052	52
050	50

048	48
049	49
046	46
047	47
045	45
044	44
042	42
043	43
040	40
041	41
038	38
039	39
037	37
035	35
036	36
033	33
034	34
032	32
031	31
029	29
030	30
028	28
027	27
026	26
024	24
025	25

022	22
023	23
021	21
020	20
019	19
017	17
018	18
015	15
016	16
014	14
013	13
012	12
011	11
010	10
009	9
008	8
006	6
007	7
004	4
005	5
003	3
002	2
001	1
000	Less than 1 year old

Variable: "MARST"

Name:	MARST
-------	-------

Label:	Marital status														
Variable Text:	MARST gives each person's current marital status.														
Concept:	Demographic Variables -- PERSON														
Start Position:	74														
End Position:	74														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
Categories															
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>6</td><td>Never married/single</td></tr> <tr> <td>5</td><td>Widowed</td></tr> <tr> <td>4</td><td>Divorced</td></tr> <tr> <td>3</td><td>Separated</td></tr> <tr> <td>2</td><td>Married, spouse absent</td></tr> <tr> <td>1</td><td>Married, spouse present</td></tr> </tbody> </table>		Value	Label	6	Never married/single	5	Widowed	4	Divorced	3	Separated	2	Married, spouse absent	1	Married, spouse present
Value	Label														
6	Never married/single														
5	Widowed														
4	Divorced														
3	Separated														
2	Married, spouse absent														
1	Married, spouse present														

Variable: "BIRTHYR"

Name:	BIRTHYR
Label:	Year of birth
Variable Text:	BIRTHYR reports the person's year of birth. Researchers should use this variable with caution; see the comparability section for details.
Concept:	Demographic Variables -- PERSON
Start Position:	75
End Position:	78

Width:	4
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>BIRTHYR is a 4-digit numeric code reporting the respondent's year of birth. BIRTHYR specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below by Census year (and data sample if specified).</p> <p>User Note: Researchers should use this variable with caution (See Comparability)</p> <p>BIRTHYR Specific Variable Codes</p> <p>9996 = not classified</p> <p>9997 = illegible</p> <p>9998 = unknown</p> <p>9999 = missing/blank</p>

Variable: "FERTYR"

Name:	FERTYR
Label:	Children born within the last year
Variable Text:	Women ages 15 to 50, regardless of marital status, were asked whether they had given birth to any children in the past 12 months. FERTYR reports their "yes" or "no" answer to this question.
Concept:	Demographic Variables -- PERSON
Start Position:	79
End Position:	79
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
Categories	

Value	Label
8	Suppressed
2	Yes
1	No
0	N/A

Variable: "RACE"

Name:	RACE
Label:	Race [general version]
Variable Text:	<p>With the exception of the 1970-1990 Puerto Rican censuses, RACE was asked of every person in all years. The concept of race has changed over the more than 150 years represented in the IPUMS. Currently, the Census Bureau and others consider race to be a sociopolitical construct, not a scientific or anthropological one. Many detailed RACE categories consist of national origin groups. Beginning in 2000, the race question changed substantially to allow respondents to report as many races as they felt necessary to describe themselves. In earlier years, only one race response was coded.</p> <p>IPUMS offers several variables describing the answer(s) to the race question. RACE provides the full detail given by the respondent and/or released by the Census Bureau; it is not always historically compatible (see comparability discussion below). Users primarily interested in historical compatibility should consider using RACESING, and should consult the race code relationship page, Relationship between RACE and RACESING codes [URL omitted from DDI.], for detail about how the RACE and RACESING codes are related.</p> <p>In addition, specific combinations of major races can be discerned using the following bivariate indicators of whether a particular race group was reported: RACAMIND, RACASIAN, RACBLK, RACOTHER, RACPACIS, and RACWHT. RACNUM indicates the total number of major race groups reported for an individual. The information contained in the bivariate indicators and in RACNUM is integrated into the detailed version of RACE. Users primarily interested in historical comparability should consider using RACESING and/or the accompanying variables PROBAI, PROBAPI, PROBBLK, PROBOTH, and PROBWHT. Note that Hispanic origin is assessed through separate questioning (see HISPAN).</p> <p>Prior to 1960, the census enumerator was responsible for categorizing persons and was not specifically instructed to ask the individual his or her race. In 1970 and later years, an individual's race was reported by someone in the household or group quarters. In the 1990 U.S. census, the 2000 U.S. and Puerto Rican censuses, the ACS, and the PRCS respondents were specifically asked what race the person "considers himself/herself" to be, although such self-description was more or less operative since 1960.</p> <p>User Note: Race questions were not asked in the Puerto Rican censuses of 1970, 1980, and 1990. They were asked in the 1910 and 1920 Puerto Rican censuses, the 2000-2010 Puerto Rican censuses, and the PRCS.</p>
Concept:	Race, Ethnicity, and Nativity Variables -- PERSON
Start Position:	80
End	80

Position:	
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
7	Other race, nec
8	Two major races
6	Other Asian or Pacific Islander
5	Japanese
4	Chinese
3	American Indian or Alaska Native
2	Black/African American/Negro
1	White
9	Three or more major races

Variable: "RACED"

Name:	RACED
Label:	Race [detailed version]
Variable Text:	<p>With the exception of the 1970-1990 Puerto Rican censuses, RACE was asked of every person in all years. The concept of race has changed over the more than 150 years represented in the IPUMS. Currently, the Census Bureau and others consider race to be a sociopolitical construct, not a scientific or anthropological one. Many detailed RACE categories consist of national origin groups. Beginning in 2000, the race question changed substantially to allow respondents to report as many races as they felt necessary to describe themselves. In earlier years, only one race response was coded.</p> <p>IPUMS offers several variables describing the answer(s) to the race question. RACE provides the full detail given by the respondent and/or released by the Census Bureau; it is not always historically compatible (see comparability discussion below). Users primarily interested in historical compatibility should consider using RACESING, and should consult the race code relationship page, Relationship between RACE and RACESING codes [URL omitted from DDI.],</p>

for detail about how the RACE and RACESING codes are related.

In addition, specific combinations of major races can be discerned using the following bivariate indicators of whether a particular race group was reported: RACAMIND, RACASIAN, RACBLK, RACOTHER, RACPACIS, and RACWHT. RACNUM indicates the total number of major race groups reported for an individual. The information contained in the bivariate indicators and in RACNUM is integrated into the detailed version of RACE. Users primarily interested in historical comparability should consider using RACESING and/or the accompanying variables PROBAI, PROBAPI, PROBBLK, PROBOTH, and PROBWHT. Note that Hispanic origin is assessed through separate questioning (see HISPAN).

Prior to 1960, the census enumerator was responsible for categorizing persons and was not specifically instructed to ask the individual his or her race. In 1970 and later years, an individual's race was reported by someone in the household or group quarters. In the 1990 U.S. census, the 2000 U.S. and Puerto Rican censuses, the ACS, and the PRCS respondents were specifically asked what race the person "considers himself/herself" to be, although such self-description was more or less operative since 1960.

User Note: Race questions were not asked in the Puerto Rican censuses of 1970, 1980, and 1990. They were asked in the 1910 and 1920 Puerto Rican censuses, the 2000-2010 Puerto Rican censuses, and the PRCS.

Concept: Race, Ethnicity, and Nativity Variables -- PERSON

Start
Position: 81

End
Position: 83

Width: 3

Variable
Format: numeric

Implied
Decimal
Places: 0

Categories

Value	Label
845	Black and other race write_in
842	Black and other PI race(s)
841	Black and PI write_in
840	Black and PI
838	Black and other Asian race(s)
836	Black and Korean

837	Black and Asian write_in
835	Black and Asian Indian
831	Black and Asian
832	Black and Chinese
833	Black and Japanese
834	Black and Filipino
827	White and other race, n.e.c.
830	Black and AIAN
826	White and other race write_in
825	White and other PI race(s)
824	White and PI write_in
822	White and Samoan
823	White and Guamanian
821	White and Native Hawaiian
820	White and PI
819	White and two or more Asian groups
818	White and other Asian race(s)
817	White and Asian write_in
814	White and Asian Indian
816	White and Vietnamese
815	White and Korean
813	White and Filipino
811	White and Chinese
812	White and Japanese
802	White and AIAN
810	White and Asian
700	Other race, n.e.c.

801	White and Black
699	Pacific Islander, n.s.
698	2+ PI races from 2+ PI regions
692	1+ other Melanesian races (2000,ACS)
691	Other Melanesian (1990)
690	Fijian
689	1+ other Micronesian races (2000,ACS)
688	Other Micronesian (1990)
687	Palauan
686	Northern Mariana Islander
685	Guamanian/Chamorro
684	1+ other Polynesian races (2000,ACS)
683	Other Polynesian (1990)
682	Tongan
681	Tahitian
680	Samoan
679	Other Asian race combinations
678	Asian Indian and Asian write_in
677	Japanese and Filipino
676	Chinese and Asian write_in
675	Chinese and Vietnamese
674	Chinese and Filipino
673	Chinese and Japanese
672	Asian, not specified
671	Other Asian, n.e.c.
670	Sri Lankan

669	Pakistani
668	Okinawan
667	Malaysian
666	Indonesian
665	Burmese
664	Bangladeshi
663	Thai
662	Laotian
661	Hmong
660	Cambodian
653	Asian or Pacific Islander, n.s. (1990 Internal Census files)
652	Pacific Islander only (CPS)
651	Asian only (CPS)
650	Other Asian or Pacific Islander (1920,1980)
642	Mongolian
643	Nepalese
641	Bhutanese
640	Vietnamese
634	Hawaiian mixed
632	Hawaiian and European (1900,1920)
631	Hawaiian and Asian (1900,1920)
630	Hawaiian
620	Korean
610	Asian Indian (Hindu 1920_1940)
600	Filipino
500	Japanese
420	Chinese and Taiwanese

410	Taiwanese
400	Chinese
399	Tribe not specified
398	Both Am. Ind. and Alaska Native (2000,ACS)
379	Other Alaska Native tribe(s) (2000,ACS)
375	Yup'ik
374	Inupiat
373	Alaskan mixed
372	Eskimo
371	Aleut
370	Alaskan Athabaskan
362	2+ Amer. Indian tribes (2000,ACS)
361	Other Amer. Indian tribe (2000,ACS)
360	Mexican American Indian
359	South American Indian
358	Yuman
357	Menominee
356	Houma
355	Colville
354	Yaqui
353	Yakama
352	Puget Sound Salish
351	Latin American Indian
350	Delaware
328	Hopi
326	All other tribes (1990)

325	Tohono O Odham
324	Tlingit (Tlingit_Haida, 2000/ACS)
323	Sioux
322	Shoshone
321	Seminole
320	Pueblo
319	Potawatomi
318	Pima
317	Paiute
316	Osage
315	Navajo
314	Lumbee
313	Kiowa
312	Iroquois
311	Crow
310	Creek
309	Comanche
307	Chippewa
308	Choctaw
306	Chickasaw
304	Cherokee
305	Cheyenne
302	Apache
303	Blackfoot
300	American Indian/Alaska Native
210	Mulatto
200	Black/African American/Negro

150	Puerto Rican (1910 Hawaii)
130	Portuguese
140	Mexican (1930)
120	Blank (white) (1850)
110	Spanish write_in
100	White
996	2+ races, n.e.c. (CPS)
991	White race; Some other race; Black or African American race and/or American Indian and Alaska Native race and/or Asian groups and/or Native Hawaiian and Other Pacific Islander groups
990	White, Black, AIAN, Asian, PI, other race write_in
989	4 or 5 races (CPS)
986	Black, AIAN, Asian, PI, Hawaiian, other race write_in
985	Black, AIAN, Asian, PI, other race write_in
984	White, AIAN, Asian, PI, other race write_in
983	White, Black, Asian, PI, other race write_in
982	White, Black, AIAN, PI, other race write_in
981	White, Black, AIAN, Asian, other race write_in
980	White, Black, AIAN, Asian, PI
976	Two specified Asian (Chinese and other Asian, Chinese and Japanese, Japanese and other Asian, Korean and other Asian); Native Hawaiian/PI; and Other Race
975	AIAN, Asian, PI, Hawaiian other race write_in
974	AIAN, Asian, PI, other race write_in
973	Black, Asian, PI, other race write_in
972	Black, AIAN, PI, other race write_in
971	Black, AIAN, Asian, other race write_in
970	Black, AIAN, Asian, PI
964	White, Chinese, Japanese, Native Hawaiian

963	White, Asian, PI, other race write_in
962	White, AIAN, PI, other race write_in
961	White, AIAN, Asian, other race write_in
960	White, AIAN, Asian, PI
955	White, Black, PI, other race write_in
954	White, Black, Asian, other race write_in
953	White, Black, Asian, PI
952	White, Black, AIAN, other race write_in
951	White, Black, AIAN, PI
950	White, Black, AIAN, Asian
949	2 or 3 races (CPS)
944	Asian (Chinese, Japanese, Korean, Vietnamese); and Native Hawaiian or PI; and Other
943	Asian, PI, other race write_in
942	AIAN, PI, other race write_in
941	AIAN, Asian, other race write_in
940	AIAN, Asian, PI
935	Black, PI, other race write_in
934	Black, Asian, other race write_in
933	Black, Asian, PI
932	Black, AIAN, other race write_in
931	Black, AIAN, PI
930	Black, AIAN, Asian
925	White, PI, other race write_in
923	Other White, Asian race(s), other race write_in (2000 1%)
922	White, Asian write_in, other race write_in (2000 1%)
921	White, Filipino, other race write_in (2000 1%)

920	White, Asian, other race write_in
917	White, Black, and Filipino
916	White, AIAN and Filipino
915	Other White, Asian race(s), PI race(s)
914	White, Filipino, Hawaiian
913	White, Japanese, Hawaiian (2000 1%)
912	White, Chinese, Filipino, Hawaiian (2000 1%)
911	White, Chinese, Hawaiian
910	White, Asian, PI
907	White, AIAN, other race write_in
906	White, AIAN, PI
905	White, AIAN, Asian
904	White, Black, other race write_in
903	White, Black, PI
902	White, Black, Asian
901	White, Black, AIAN
899	API and other race write_in
893	Native Hawaiian or PI other race(s)
892	Other PI race(s) and other race write_in
891	PI write_in and other race write_in
890	PI and other race write_in:
887	Chinese and Korean
886	Other Asian race(s) and other race write_in
885	Asian write_in and other race write_in
884	Asian Indian and other race write_in
883	Filipino and other race write_in
882	Japanese and other race write_in

881	Chinese and other race write_in
880	Asian and other race write_in
869	Japanese and Korean (ACS)
868	Other Asian race(s) and PI race(s)
867	Asian write_in and PI write_in
866	Asian Indian and PI write_in (2000 1%)
865	Filipino and PI write_in
864	Filipino and Hawaiian
863	Japanese and Hawaiian (2000 1%)
862	Chinese, Filipino, Hawaiian (2000 1%)
861	Chinese and Hawaiian
860	Asian and PI
856	AIAN and other race write_in
855	AIAN and PI
854	AIAN and other Asian race(s)
853	AIAN and Asian write_in (2000 1%)
852	AIAN and Asian Indian
851	AIAN and Filipino (2000 1%)
850	AIAN and Asian
330	Spanish American Indian
329	Central American Indian

Variable: "HISPAN"

Name:	HISPAN
Label:	Hispanic origin [general version]
Variable Text:	HISPAN identifies persons of Hispanic/Spanish/Latino origin and classifies them according to their country of origin when possible. Origin is defined by the Census Bureau as ancestry,

lineage, heritage, nationality group, or country of birth. People of Hispanic origin may be of any race; see RACE for a discussion of coding issues involved. Users should note that race questions were not asked in the Puerto Rican censuses of 1970, 1980 and 1990. They were asked in the 1910 and 1920 Puerto Rican censuses, and in the 2000 and 2010 Puerto Rican census and the PRCS. However, questions assessing Spanish/Hispanic origin were not asked in the Puerto Rican censuses prior to 2000.

The HISPAN general code covers country-of-origin classifications common to all years; the detailed code distinguishes additional groups and subgroups. See HISPRULE for details on how country of origin information was assigned prior to 1980.

Concept: Race, Ethnicity, and Nativity Variables -- PERSON

Start Position: 84

End Position: 84

Width: 1

Variable Format: numeric

Implied Decimal Places: 0

Categories

Value	Label
0	Not Hispanic
1	Mexican
2	Puerto Rican
3	Cuban
4	Other
9	Not Reported

Variable: "HISPAND"

Name: HISPAND

Label: Hispanic origin [detailed version]

Variable: HISPAN identifies persons of Hispanic/Spanish/Latino origin and classifies them according to

Text:	<p>their country of origin when possible. Origin is defined by the Census Bureau as ancestry, lineage, heritage, nationality group, or country of birth. People of Hispanic origin may be of any race; see RACE for a discussion of coding issues involved. Users should note that race questions were not asked in the Puerto Rican censuses of 1970, 1980 and 1990. They were asked in the 1910 and 1920 Puerto Rican censuses, and in the 2000 and 2010 Puerto Rican census and the PRCS. However, questions assessing Spanish/Hispanic origin were not asked in the Puerto Rican censuses prior to 2000.</p> <p>The HISPAN general code covers country-of-origin classifications common to all years; the detailed code distinguishes additional groups and subgroups. See HISPRULE for details on how country of origin information was assigned prior to 1980.</p>
Concept:	Race, Ethnicity, and Nativity Variables -- PERSON
Start Position:	85
End Position:	87
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
000	Not Hispanic
100	Mexican
102	Mexican American
103	Mexicano/Mexicana
104	Chicano/Chicana
105	La Raza
106	Mexican American Indian
107	Mexico
200	Puerto Rican
300	Cuban

401	Central American Indian
402	Canal Zone
411	Costa Rican
412	Guatemalan
413	Honduran
414	Nicaraguan
415	Panamanian
416	Salvadoran
417	Central American, n.e.c.
420	Argentinean
421	Bolivian
422	Chilean
423	Colombian
424	Ecuadorian
425	Paraguayan
426	Peruvian
427	Uruguayan
428	Venezuelan
429	South American Indian
430	Criollo
431	South American, n.e.c.
450	Spaniard
451	Andalusian
452	Asturian
453	Castillian
454	Catalonian
455	Balearic Islander

456	Gallego
457	Valencian
458	Canarian
459	Spanish Basque
460	Dominican
465	Latin American
470	Hispanic
480	Spanish
490	Californio
491	Tejano
492	Nuevo Mexicano
493	Spanish American
494	Spanish American Indian
495	Meso American Indian
496	Mestizo
498	Other, n.s.
499	Other, n.e.c.
900	Not Reported

Variable: "BPL"

Name:	BPL
Label:	Birthplace [general version]
Variable Text:	BPL indicates the U.S. state, the outlying U.S. area or territory, or the foreign country where the person was born.
Concept:	Race, Ethnicity, and Nativity Variables -- PERSON
Start Position:	88
End Position:	90

Width:	3
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
465	Other USSR/Russia
463	Baltic States, ns
462	Lithuania
461	Latvia
460	Estonia
459	Eastern Europe, ns
458	Central Europe, ns
457	Yugoslavia
456	Romania
455	Poland
454	Hungary
120	Other US Possessions
150	Canada
155	St. Pierre and Miquelon
160	Atlantic Islands
199	North America, ns
200	Mexico
210	Central America
250	Cuba
260	West Indies

299	Americas, n.s.
300	SOUTH AMERICA
400	Denmark
401	Finland
402	Iceland
403	Lapland, n.s.
404	Norway
405	Sweden
410	England
411	Scotland
412	Wales
413	United Kingdom, ns
414	Ireland
419	Northern Europe, ns
420	Belgium
421	France
422	Liechtenstein
423	Luxembourg
424	Monaco
425	Netherlands
426	Switzerland
429	Western Europe, ns
430	Albania
431	Andorra
432	Gibraltar
433	Greece

434	Italy
435	Malta
436	Portugal
437	San Marino
438	Spain
439	Vatican City
440	Southern Europe, ns
450	Austria
451	Bulgaria
452	Czechoslovakia
453	Germany
115	U.S. Virgin Islands
110	Puerto Rico
105	Guam
100	American Samoa
099	United States, ns
090	Native American
056	Wyoming
055	Wisconsin
054	West Virginia
053	Washington
051	Virginia
050	Vermont
049	Utah
048	Texas
047	Tennessee
046	South Dakota

045	South Carolina
044	Rhode Island
042	Pennsylvania
041	Oregon
040	Oklahoma
039	Ohio
038	North Dakota
037	North Carolina
036	New York
035	New Mexico
034	New Jersey
033	New Hampshire
032	Nevada
031	Nebraska
030	Montana
029	Missouri
028	Mississippi
027	Minnesota
026	Michigan
025	Massachusetts
024	Maryland
023	Maine
022	Louisiana
021	Kentucky
020	Kansas
019	Iowa

018	Indiana
017	Illinois
016	Idaho
015	Hawaii
013	Georgia
012	Florida
011	District of Columbia
010	Delaware
009	Connecticut
008	Colorado
006	California
005	Arkansas
004	Arizona
002	Alaska
001	Alabama
999	Missing/blank
950	Other n.e.c.
900	Abroad (unknown) or at sea
800	Antarctica, ns/nec
710	Pacific Islands
700	Australia and New Zealand
600	AFRICA
599	Asia, nec/ns
550	South Asia, nec
549	Asia Minor, ns
548	Southwest Asia, nec/ns
547	Middle East, ns

546	Persian Gulf States, n.s.
545	Yemen, PDR (South)
544	Yemen Arab Republic (North)
543	United Arab Emirates
542	Turkey
541	Syria
540	Saudi Arabia
539	Qatar
538	Oman
537	Lebanon
536	Kuwait
535	Jordan
534	Israel/Palestine
533	Iraq/Saudi Arabia
532	Iraq
531	Cyprus
530	Bahrain
524	Nepal
523	Maldives
522	Iran
521	India
520	Afghanistan
519	Southeast Asia, ns
518	Vietnam
517	Thailand
516	Singapore

515	Philippines
514	Malaysia
513	Laos
512	Indonesia
511	Cambodia (Kampuchea)
510	Brunei
509	East Asia, ns
502	Korea
501	Japan
500	China
499	Europe, ns

Variable: "BPLD"

Name:	BPLD
Label:	Birthplace [detailed version]
Variable Text:	BPL indicates the U.S. state, the outlying U.S. area or territory, or the foreign country where the person was born.
Concept:	Race, Ethnicity, and Nativity Variables -- PERSON
Start Position:	91
End Position:	95
Width:	5
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
46546	Turkmenistan

46545	Tadzhik
46544	Kirghizia
46543	Kazakhstan
46542	Republic of Georgia
46541	Azerbaijan
46540	Armenia
46530	Ukraine
46521	Bessarabia
46520	Moldavia
46510	Byelorussia
46500	Other USSR/Russia
46300	Baltic States, ns
46200	Lithuania
46100	Latvia
46000	Estonia
45900	Eastern Europe, ns
45800	Central Europe, ns
45790	Kosovo
45780	Slovenia
45770	Carniola
45760	Slovenia
45750	Dalmatia
45740	Bosnia
45730	Serbia
45720	Montenegro
45710	Croatia

45700	Yugoslavia
45610	Transylvania
45600	Romania
45530	Russian Poland
45526	West Prussia
45525	Silesia
45524	Prussian Poland
45523	Posen
45522	Pomerania
45521	East Prussia
45520	German Poland
45511	Galicja
45510	Austrian Poland
45500	Poland
45400	Hungary
45362	Niedersachsen
45361	Hohenzollern
45360	Prussia, nec
45353	Probably Thuringian States
45351	Schwerin
45350	Probable Saxony
45347	Thuringian States
45346	Saxony
45345	Mecklenburg
11520	St. John
11530	St. Thomas
12000	Other US Possessions:

12010	Johnston Atoll
12020	Midway Islands
12030	Wake Island
12040	Other US Caribbean Islands
12041	Navassa Island
12050	Other US Pacific Islands
12051	Baker Island
12052	Howland Island
12053	Jarvis Island
12054	Kingman Reef
12055	Palmyra Atoll
12090	US outlying areas, ns
12091	US possessions, ns
12092	US territory, ns
15000	Canada
15010	English Canada
15011	British Columbia
15013	Alberta
15015	Saskatchewan
15017	Northwest
15019	Ruperts Land
15020	Manitoba
15021	Red River
15030	Ontario/Upper Canada
15031	Upper Canada
15032	Canada West

15040	New Brunswick
15050	Nova Scotia
15051	Cape Breton
15052	Halifax
15060	Prince Edward Island
15070	Newfoundland
15080	French Canada
15081	Quebec
15082	Lower Canada
15083	Canada East
15500	St. Pierre and Miquelon
16000	Atlantic Islands
16010	Bermuda
16020	Cape Verde
16030	Falkland Islands
16040	Greenland
16050	St. Helena and Ascension
16060	Canary Islands
19900	North America, ns
20000	Mexico
21000	Central America
21010	Belize/British Honduras
21020	Costa Rica
21030	El Salvador
21040	Guatemala
21050	Honduras
21060	Nicaragua

21070	Panama
21071	Canal Zone
21090	Central America, ns
25000	Cuba
26000	West Indies
26010	Dominican Republic
26020	Haiti
26030	Jamaica
26040	British West Indies
26041	Anguilla
26042	Antigua-Barbuda
26043	Bahamas
26044	Barbados
26045	British Virgin Islands
26046	Anegada
26047	Cooper
26048	Jost Van Dyke
26049	Peter
26050	Tortola
26051	Virgin Gorda
26052	Br. Virgin Islands, ns
26053	Cayman Islands
26054	Dominica
26055	Grenada
26056	Montserrat
26057	St. Kitts-Nevis

26058	St. Lucia
26059	St. Vincent
26060	Trinidad and Tobago
26061	Turks and Caicos
26069	Br. Virgin Islands, ns
26070	Other West Indies
26071	Aruba
26072	Netherlands Antilles
26073	Bonaire
26074	Curacao
26075	Dutch St. Maarten
26076	Saba
26077	St. Eustatius
26079	Dutch Caribbean, ns
26080	French St. Maarten
26081	Guadeloupe
26082	Martinique
26083	St. Barthelemy
26089	French Caribbean, ns
26090	Antilles, ns
26091	Caribbean, ns
26092	Latin America, ns
26093	Leeward Islands, ns
26094	West Indies, ns
26095	Windward Islands, ns
29900	Americas, ns
30000	South America

30005	Argentina
30010	Bolivia
30015	Brazil
30020	Chile
30025	Colombia
30030	Ecuador
30035	French Guiana
30040	Guyana/British Guiana
30045	Paraguay
30050	Peru
30055	Suriname
30060	Uruguay
30065	Venezuela
30090	South America, ns
30091	South and Central America, n.s.
40000	Denmark
40010	Faeroe Islands
40100	Finland
40200	Iceland
40300	Lapland, ns
40400	Norway
40410	Svalbard and Jan Meyen
40411	Svalbard
40412	Jan Meyen
40500	Sweden
41000	England

41010	Channel Islands
41011	Guernsey
41012	Jersey
41020	Isle of Man
41100	Scotland
41200	Wales
41300	United Kingdom, ns
41400	Ireland
41410	Northern Ireland
41900	Northern Europe, ns
42000	Belgium
42100	France
42110	Alsace-Lorraine
42111	Alsace
42112	Lorraine
42200	Liechtenstein
42300	Luxembourg
42400	Monaco
42500	Netherlands
42600	Switzerland
42900	Western Europe, ns
43000	Albania
43100	Andorra
43200	Gibraltar
43300	Greece
43310	Dodecanese Islands
43320	Turkey Greece

43330	Macedonia
43400	Italy
43500	Malta
43600	Portugal
43610	Azores
43620	Madeira Islands
43630	Cape Verde Islands
43640	St. Miguel
43700	San Marino
43800	Spain
43900	Vatican City
44000	Southern Europe, ns
45000	Austria
45010	Austria-Hungary
45020	Austria-Graz
45030	Austria-Linz
45040	Austria-Salzburg
45050	Austria-Tyrol
45060	Austria-Vienna
45070	Austria-Kaernsten
45080	Austria-Neustadt
45100	Bulgaria
45200	Czechoslovakia
45210	Bohemia
45211	Bohemia-Moravia
45212	Slovakia

45213	Czech Republic
45300	Germany
45301	Berlin
45302	West Berlin
45303	East Berlin
45310	West Germany
45311	Baden
45312	Bavaria
45313	Braunschweig
45314	Bremen
45315	Hamburg
45316	Hanover
45317	Hessen
45318	Hesse-Nassau
45319	Lippe
45320	Lubeck
45321	Oldenburg
45322	Rheinland
45323	Schaumburg-Lippe
45324	Schleswig
45325	Sigmaringen
45327	Westphalia
45328	Wurttemberg
45329	Waldeck
45330	Wittenberg
45331	Frankfurt
45332	Saarland

45333	Nordrhein-Westfalen
45340	East Germany
45341	Anhalt
45342	Brandenburg
45344	Kingdom of Saxony
11510	St. Croix
11500	U.S. Virgin Islands
11000	Puerto Rico
10500	Guam
10010	Samoa, 1940-1950
10000	American Samoa
09900	United States, ns
09000	Native American
05610	Wyoming Territory
05600	Wyoming
05500	Wisconsin
05400	West Virginia
05300	Washington
05100	Virginia
05000	Vermont
04910	Utah Territory
04900	Utah
04800	Texas
04700	Tennessee
04610	Dakota Territory
04600	South Dakota

04500	South Carolina
04400	Rhode Island
04200	Pennsylvania
04100	Oregon
04010	Indian Territory
04000	Oklahoma
03900	Ohio
03800	North Dakota
03700	North Carolina
03600	New York
03510	New Mexico Territory
03500	New Mexico
03400	New Jersey
03300	New Hampshire
03200	Nevada
03100	Nebraska
03000	Montana
02900	Missouri
02800	Mississippi
02700	Minnesota
02600	Michigan
02500	Massachusetts
02400	Maryland
02300	Maine
02200	Louisiana
02100	Kentucky

02000	Kansas
01900	Iowa
01800	Indiana
01700	Illinois
01610	Idaho Territory
01600	Idaho
01500	Hawaii
01300	Georgia
01200	Florida
01100	District of Columbia
01000	Delaware
00900	Connecticut
00800	Colorado
00600	California
00500	Arkansas
00400	Arizona
00200	Alaska
00100	Alabama
99900	Missing/blank
95000	Other n.e.c.
90022	At sea or abroad (U.S. citizen)
90021	At sea (US citizen)
90020	At sea
90011	Abroad (US citizen)
90010	Abroad, ns
90000	Abroad (unknown) or at sea
80050	Heard and McDonald Islands

80040	French Southern and Antarctic Lands
80030	Dronning Maud Land
80020	British Antarctic Terr.
80010	Bouvet Islands
80000	Antarctica, ns/nec
71090	Oceania, ns/nec
71050	Clipperton Island
71049	Pacific Trust Terr, ns
71048	Palau
71047	Northern Mariana Islands
71046	Yap
71045	Truk
71044	Pohnpei
71043	Kosrae
71042	Micronesia
71041	Marshall Islands
71040	US Pacific Trust Territories
71039	Micronesia, ns
71034	Nauru
71033	Canton and Enderbury
71032	Kiribati
71029	Polynesia, ns
71028	Tuvalu
71027	Tokelau
71026	Pitcairn Island
71025	Western Samoa

71024	Wallis and Futuna Islands
71023	Tonga
71022	French Polynesia
71020	Cook Islands
71018	Niue
71017	Norfolk Islands
71016	Melanesia, ns
71015	Fiji
71014	Vanuatu (New Hebrides)
71013	Solomon Islands
71012	Papua New Guinea
71010	New Caledonia
71000	Pacific Islands
70020	New Zealand
70014	Cocos Islands
70013	Christmas Island
70012	Coral Sea Islands Territory
70011	Ashmore and Cartier Islands
70010	Australia
70000	Australia and New Zealand
60099	Africa, ns/nec
60096	Southern Africa, ns
60095	Swaziland
60094	South Africa (Union of)
60093	Namibia
60092	Lesotho
60091	Botswana

60090	Southern Africa
60082	French Equatorial Africa, ns
60081	Equatorial Africa, ns
60080	Central Africa, ns
60079	Zaire
60078	Sao Tome and Principe
60077	Gabon
60076	Equatorial Guinea
60075	Congo
60074	Chad
60073	Central African Republic
60072	Cameroon
60071	Angola
60070	Central Africa
60065	Eritrea
60064	Eastern Africa, nec/ns
60063	Tromelin
60062	Mayotte
60061	Juan de Nova
60060	Gloriosos
60059	Europa
60058	Bassas de India
60057	Zimbabwe
60056	Zambia
60055	Uganda
60054	Tanzania

60053	Somalia
60052	Seychelles
60051	Rwanda
60050	Reunion
60049	Mozambique
60048	Mauritius
60047	Malawi
60046	Madagascar
60045	Kenya
60044	Ethiopia
60043	Djibouti
60042	Comoros
60041	Burundi
60040	British Indian Ocean Territory
60039	French West Africa, ns
60038	Western Africa, ns
60034	Togo
60033	Sierra Leone
60032	Senegal
60031	Nigeria
60030	Niger
60029	Mauritania
60028	Mali
60027	Liberia
60026	Ivory Coast
60025	Guinea-Bissau
60024	Guinea

60023	Ghana
60022	Gambia
60021	Burkina Faso
60020	Benin
60019	North Africa, ns
60017	Western Sahara
60016	Tunisia
60015	Sudan
60014	Morocco
60013	Libya
60012	Egypt/United Arab Rep.
60011	Algeria
60010	Northern Africa
60000	Africa
59900	Asia, nec/ns
55000	South Asia, nec
54900	Asia Minor, ns
54800	Southwest Asia, nec/ns
54700	Middle East, ns
54600	Persian Gulf States, ns
54500	Yemen, PDR (South)
54400	Yemen Arab Republic (North)
54300	United Arab Emirates
54220	Asian Turkey
54210	European Turkey
54200	Turkey

54100	Syria
54000	Saudi Arabia
53900	Qatar
53800	Oman
53700	Lebanon
53600	Kuwait
53500	Jordan
53440	Israel
53430	West Bank
53420	Palestine
53410	Gaza Strip
53400	Israel/Palestine
53300	Iraq/Saudi Arabia
53210	Mesopotamia
53200	Iraq
53100	Cyprus
53000	Bahrain
52400	Nepal
52300	Maldives
52200	Iran
52150	Sri Lanka (Ceylon)
52140	Pakistan
52130	Burma (Myanmar)
52120	Bhutan
52110	Bangladesh
52100	India
52000	Afghanistan

51910	Indochina, ns
51900	Southeast Asia, ns
51800	Vietnam
51700	Thailand
51600	Singapore
51500	Philippines
51400	Malaysia
51300	Laos
51220	East Timor
51210	East Indies
51200	Indonesia
51100	Cambodia (Kampuchea)
51000	Brunei
50900	East Asia, ns
50220	South Korea
50210	North Korea
50200	Korea
50100	Japan
50040	Taiwan
50030	Mongolia
50020	Macau
50010	Hong Kong
50000	China
49900	Europe, ns.
46590	USSR, ns
46548	Siberia

46547	Uzbekistan
45352	Strelitz
45348	Sachsen-Meiningen
45349	Sachsen-Weimar-Eisenach
45326	Schwarzburg
12056	Canton and Enderbury Island

Variable: "CITIZEN"

Name:	CITIZEN
Label:	Citizenship status
Variable Text:	CITIZEN reports the citizenship status of respondents, distinguishing between naturalized citizens and non-citizens. For 1900-1940, respondents who were not yet citizens but who had begun the naturalization process ("received first papers") are identified.
Concept:	Race, Ethnicity, and Nativity Variables -- PERSON
Start Position:	96
End Position:	96
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0	N/A
1	Born abroad of American parents
2	Naturalized citizen
3	Not a citizen

4	Not a citizen, but has received first papers
5	Foreign born, citizenship status not reported

Variable: "YRSUSA1"

Name:	YRSUSA1
Label:	Years in the United States
Variable Text:	<p>YRSUSA1 reports how long a person who was born in a foreign country or U.S. outlying area had been living in the United States.</p> <p>Other immigration variables are available; see the following table: HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd"></p> <p>table_208.html</p>
Concept:	Race, Ethnicity, and Nativity Variables -- PERSON
Start Position:	97
End Position:	98
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>YRSUSA1 is a 2-digit numeric code reporting how long a person who was born in a foreign country or U.S. outlying area had been living in the United States. YRSUSA1 specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below if applicable by Census year (and data sample if specified).</p> <p>YRSUSA1 Specific Variable Codes 00 = N/A or less than one year.</p> <pre>* .indent { text-indent: 10px; } * .lrgindent {</pre>

```
text-indent: 90px;
}
```

YRSUSA1

Census
Top Code

1900-1930
99+ years

2000
90+ years

ACS
90+ years

User Caution: Since the YRSUSA1 code 00 encompasses two meanings (N/A or less than one year), users who want to distinguish between the two need to interpret this code in conjunction with BPL as follows. For those with BPL less than 100 (born in the U.S.), YRSUSA1 = 00 means "N/A." For those with BPL code 100 or greater (born outside the U.S.), YRSUSA1 = 00 means "less than 1 year."

Variable: "LANGUAGE"

Name:	LANGUAGE
Label:	Language spoken [general version]
Variable Text:	LANGUAGE reports the language that the respondent spoke at home, particularly (for the 1910 Puerto Rican sample and the samples from 1980 onward) if a language other than English was spoken.
Concept:	Race, Ethnicity, and Nativity Variables -- PERSON
Start Position:	99
End Position:	100
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
Categories	

Value	Label
00	N/A or blank
01	English
02	German
03	Yiddish, Jewish
04	Dutch
05	Swedish
06	Danish
07	Norwegian
08	Icelandic
10	Italian
11	French
12	Spanish
13	Portuguese
14	Rumanian
15	Celtic
16	Greek
17	Albanian
18	Russian
19	Ukrainian, Ruthenian, Little Russian
20	Czech
21	Polish
22	Slovak
23	Serbo-Croatian, Yugoslavian, Slavonian
24	Slovene
25	Lithuanian

26	Other Balto-Slavic
27	Slavic unknown
28	Armenian
29	Persian, Iranian, Farsi
31	Hindi and related
32	Romany, Gypsy
33	Finnish
34	Magyar, Hungarian
35	Uralic
36	Turkish
37	Other Altaic
38	Caucasian, Georgian, Avar
39	Basque
40	Dravidian
41	Kurukh
42	Burushaski
43	Chinese
44	Tibetan
45	Burmese, Lisu, Lolo
46	Kachin
47	Thai, Siamese, Lao
48	Japanese
49	Korean
50	Vietnamese
52	Indonesian
54	Filipino, Tagalog

56	Hawaiian
57	Arabic
58	Near East Arabic dialect
59	Hebrew, Israeli
60	Amharic, Ethiopian, etc.
63	Sub-Saharan Africa
64	African, n.s.
70	American Indian (all)
71	Aleut, Eskimo
72	Algonquian
73	Salish, Flathead
74	Athapaskan
75	Navajo
77	Other Penutian
78	Zuni
79	Yuman
80	Other Hokan languages
83	Keres
84	Iroquoian
85	Caddoan
87	Pima, Papago
88	Yaqui and other Sonoran, nec
91	Other Indian languages
92	Mayan languages
93	American Indian, n.s.
94	Native
95	No language

96	Other or not reported
90	Tanoan languages
89	Aztecan, Nahuatl, Uto-Aztecan
86	Shoshonean/Hopi
82	Muskogean
81	Siouan languages
76	Penutian-Sahaptin
61	Hamitic
55	Micronesian, Polynesian
53	Other Malayan
51	Other East/Southeast Asian
30	Other Persian dialects
09	Scandinavian

Variable: "LANGUAGED"

Name:	LANGUAGED
Label:	Language spoken [detailed version]
Variable Text:	LANGUAGE reports the language that the respondent spoke at home, particularly (for the 1910 Puerto Rican sample and the samples from 1980 onward) if a language other than English was spoken.
Concept:	Race, Ethnicity, and Nativity Variables -- PERSON
Start Position:	101
End Position:	104
Width:	4
Variable Format:	numeric
Implied	0

Decimal
Places:**Categories**

Value	Label
9999	
0000	N/A or blank
0100	English
0110	Jamaican Creole
0120	Krio, Pidgin Krio
0130	Hawaiian Pidgin
0140	Pidgin
0150	Gullah, Geechee
0160	Saramacca
0200	German
0210	Austrian
0220	Swiss
0230	Luxembourgian
0240	Pennsylvania Dutch
0300	Yiddish, Jewish
0310	Jewish
0320	Yiddish
0400	Dutch
0410	Dutch, Flemish, Belgian
0420	Afrikaans
0430	Frisian
0440	Dutch, Afrikaans, Frisian

0460	Belgian
0470	Flemish
0500	Swedish
0600	Danish
0700	Norwegian
0800	Icelandic
0810	Faroese
1000	Italian
1010	Rhaeto-Romanic, Ladin
1030	Romansh
1100	French
1110	French, Walloon
1120	Provençal
1130	Patois
1140	French or Haitian Creole
1150	Cajun
1200	Spanish
1210	Catalonian, Valencian
1220	Ladino, Sefaradit, Spanol
1230	Pachuco
1250	Mexican
1300	Portuguese
1310	Papia Mentae
1400	Rumanian
1500	Celtic
1520	Welsh
1530	Breton

1540	Irish Gaelic, Gaelic
1550	Gaelic
1560	Irish
1570	Scottish Gaelic
1580	Scotch
1590	Manx, Manx Gaelic
1600	Greek
1700	Albanian
1800	Russian
1810	Russian, Great Russian
1820	Bielo-, White Russian
1900	Ukrainian, Ruthenian, Little Russian
1910	Ruthenian
1920	Little Russian
1930	Ukrainian
2000	Czech
2010	Bohemian
2020	Moravian
2100	Polish
2110	Kashubian, Slovincian
2200	Slovak
2300	Serbo-Croatian, Yugoslavian, Slavonian
2310	Croatian
2320	Serbian
2331	Dalmatian
2332	Montenegrin

2400	Slovene
2500	Lithuanian
2510	Lettish, Latvian
2600	Other Balto-Slavic
2610	Bulgarian
2620	Lusatian, Sorbian, Wendish
2621	Wendish
2630	Macedonian
2700	Slavic unknown
2800	Armenian
2900	Persian, Iranian, Farsi
2910	Persian
3010	Pashto, Afghan
3020	Kurdish
3030	Balochi
3040	Tadzhik
3050	Ossete
3100	Hindi and related
3101	Hindi, Hindustani, Indic, Jaipuri, Pali, Urdu
3102	Hindi
3103	Urdu
3111	Sanskrit
3112	Bengali
3113	Panjabi
3114	Marathi
3115	Gujarathi
3116	Bihari

3117	Rajasthani
3118	Oriya
3119	Assamese
3120	Kashmiri
3121	Sindhi
3122	Maldivian
3123	Sinhalese
3130	Kannada
3140	India nec
3150	Pakistan nec
3190	Other Indo-European languages
3200	Romany, Gypsy
3210	Gypsy
3300	Finnish
3400	Magyar, Hungarian
3401	Magyar
3402	Hungarian
3500	Uralic
3510	Estonian, Ingrian, Livonian, Vepsian, Votic
3520	Lapp, Inari, Kola, Lule, Pite, Ruija, Skolt, Ume
3530	Other Uralic
3600	Turkish
3700	Other Altaic
3701	Chuvash
3702	Karakalpak
3703	Kazakh

3704	Kirghiz
3705	Karachay, Tatar, Balkar, Bashkir, Kumyk
3706	Uzbek, Uighur
3707	Azerbaijani
3708	Turkmen
3709	Yakut
3710	Mongolian
3711	Tungus
3800	Caucasian, Georgian, Avar
3810	Georgian
3900	Basque
4000	Dravidian
4001	Brahui
4002	Gondi
4003	Telugu
4004	Malayalam
4005	Tamil
4010	Bhili
4011	Nepali
4100	Kurukh
4110	Munda
4200	Burushaski
4300	Chinese
4301	Chinese, Cantonese, Min, Yueh
4302	Cantonese
4303	Mandarin
4311	Hakka, Fukien, Kechia

4312	Kan, Nan Chang
4313	Hsiang, Chansa, Hunan, Iyan
4314	Fuchow, Min Pei
4315	Wu
4400	Tibetan
4410	Miao-Yao, Mien
4420	Miao, Hmong
4500	Burmese, Lisu, Lolo
4510	Karen
4600	Kachin
4700	Thai, Siamese, Lao
4710	Thai
4720	Laotian
4800	Japanese
4900	Korean
5000	Vietnamese
5110	Ainu
5120	Mon-Khmer, Cambodian
5130	Siberian, n.e.c.
5140	Yukagir
5150	Muong
5200	Indonesian
5210	Buginese
5220	Moluccan
5230	Achinese
5240	Balinese

5250	Cham
5260	Madurese
5270	Malay
5280	Minangkabau
5290	Other Asian languages
5310	Formosan, Taiwanese
5320	Javanese
5330	Malagasy
5340	Sundanese
5400	Filipino, Tagalog
5410	Bisayan
5420	Sebuano
5430	Pangasinan
5440	Llocano, Hocano
5450	Bikol
5460	Pampangan
5470	Gorontalo
5480	Palau
5501	Micronesian
5502	Carolinian
5503	Chamorro, Guamanian
5504	Gilbertese
5505	Kusaiean
5506	Marshallese
5507	Mokilese
5508	Mortlockese
5509	Nauruan

5510	Ponapean
5511	Trukese
5512	Ulithian, Fais
5513	Woleai-Ulithi
5514	Yapese
5520	Melanesian
5521	Polynesian
5522	Samoaan
5523	Tongan
5524	Niuean
5525	Tokelauan
5526	Fijian
5527	Marquesan
5528	Rarotongan
5529	Maori
5530	Nukuoro, Kapingarangan
5590	Other Pacific Island languages
5600	Hawaiian
5700	Arabic
5720	Egyptian
5750	Maltese
5800	Near East Arabic dialect
5810	Syriac, Aramaic, Chaldean
5820	Syrian
5900	Hebrew, Israeli
6000	Amharic, Ethiopian, etc.

6110	Berber
6120	Chadic, Hamitic, Hausa
6130	Cushite, Beja, Somali
6300	Nilotic
6301	Nilo-Hamitic
6302	Nubian
6303	Saharan
6304	Nilo-Saharan, Fur, Songhai
6305	Khoisan
6306	Sudanic
6307	Bantu (many subheads)
6308	Swahili
6309	Mande
6310	Fulani
6311	Gur
6312	Kru
6313	Efik, Ibibio, Tiv
6314	Mbum, Gbaya, Sango, Zande
6390	Other specified African languages
6400	African, n.s.
7000	American Indian (all)
7100	Aleut, Eskimo
7110	Aleut
7120	Pacific Gulf Yupik
7130	Eskimo
7140	Inupik, Innuait
7150	St. Lawrence Isl. Yupik

7160	Yupik
7200	Algonquian
7201	Arapaho
7202	Atsina, Gros Ventre
7203	Blackfoot
7204	Cheyenne
7205	Cree
7206	Delaware, Lenni-Lenape
7207	Fox, Sac
7208	Kickapoo
7209	Menomini
7210	Metis, French Cree
7211	Miami
7212	Micmac
7213	Ojibwa, Chippewa
7214	Ottawa
7215	Passamaquoddy, Malecite
7216	Penobscot
7217	Abnaki
7218	Potawatomi
7219	Shawnee
7300	Salish, Flathead
7301	Lower Chehalis
7302	Upper Chehalis, Chelalis, Satsop
7303	Clallam
7304	Coeur d'Alene, Skitsamish

7305	Columbia, Chelan, Wenatchee
7306	Cowlitz
7307	Nootsack
7308	Okanogan
7309	Puget Sound Salish
7310	Quinault, Queets
7311	Tillamook
7312	Twana
7313	Kalispel
7314	Spokane
7400	Athapaskan
7401	Ahtena
7402	Han
7403	Ingalit
7404	Koyukon
7405	Kuchin
7406	Upper Kuskokwim
7407	Tanaina
7408	Tanana, Minto
7409	Tanacross
7410	Upper Tanana, Nabesena, Tetlin
7411	Tutchone
7412	Chasta Costa, Chetco, Coquille, Smith River Athapaskan
7413	Hupa
7420	Apache
7421	Jicarilla, Lipan

7422	Chiricahua, Mescalero
7423	San Carlos, Cibecue, White Mountain
7424	Kiowa-Apache
7430	Kiowa
7440	Eyak
7450	Other Athapaskan-Eyak, Cahto, Mattole, Wailaki
7490	Other Algonquin languages
7500	Navajo
7610	Klamath, Modoc
7620	Nez Perce
7630	Sahaptian, Celilo, Klikitat, Palouse, Tenino, Umatilla, Warm
7700	Mountain Maidu, Maidu
7701	Northwest Maidu, Concow
7702	Southern Maidu, Nisenan
7703	Coast Miwok, Bodega, Marin
7704	Plains Miwok
7705	Sierra Miwok, Miwok
7706	Nomlaki, Tehama
7707	Patwin, Colouse, Suisun
7708	Wintun
7709	Foothill North Yokuts
7710	Tachi
7711	Santiam, Calapooya, Wapatu
7712	Siuslaw, Coos, Lower Umpqua
7713	Tsimshian
7714	Upper Chinook, Clackamas, Multnomah, Wasco, Wishram
7715	Chinook Jargon

7800	Zuni
7900	Yuman
7910	Upriver Yuman
7920	Cocomaricopa
7930	Mohave
7940	Diegueno
7950	Delta River Yuman
7960	Upland Yuman
7970	Havasupai
7980	Walapai
7990	Yavapai
8000	Achumawi
8010	Atsugewi
8020	Karok
8030	Pomo
8040	Shastan
8050	Washo
8060	Chumash
8101	Crow, Absaroke
8102	Hidatsa
8103	Mandan
8104	Dakota, Lakota, Nakota, Sioux
8105	Chiwere
8106	Winnebago
8107	Kansa, Kaw
8108	Omaha

8109	Osage
8110	Ponca
8111	Quapaw, Arkansas
8210	Alabama
8220	Choctaw, Chickasaw
8230	Mikasuki
8240	Hichita, Apalachicola
8250	Koasati
8260	Muskogee, Creek, Seminole
8300	Keres
8400	Iroquoian
8410	Mohawk
8420	Oneida
8430	Onondaga
8440	Cayuga
8450	Seneca
8460	Tuscarora
8470	Wyandot, Huron
8480	Cherokee
8500	Caddoan
8510	Arikara
8520	Pawnee
8530	Wichita
8601	Comanche
8602	Mono, Owens Valley Paiute
8603	Paiute
8604	Northern Paiute, Bannock, Num, Snake

8605	Southern Paiute
8606	Chemehuevi
8607	Kawaiisu
8608	Ute
8609	Shoshoni
8610	Panamint
8620	Hopi
8630	Cahuilla
8631	Cupeno
8632	Luiseno
8633	Serrano
8640	Tubatulabal
8700	Pima, Papago
8800	Yaqui
8810	Sonoran n.e.c., Cahita, Guasave, Huichole, Nayit, Tarahumar
8910	Aztecán, Mexicano, Nahuatl
9010	Picuris, Northern Tiwa, Taos
9020	Tiwa, Isleta
9030	Sandia
9040	Tewa, Hano, Hopi-Tewa, San Ildefonso, San Juan, Santa Clara
9050	Towa
9100	Wiyot
9101	Yurok
9110	Kwakiutl
9111	Nootka
9112	Makah

9120	Kutenai
9130	Haida
9131	Tlingit, Chilkat, Sitka, Tongass, Yakutat
9140	Tonkawa
9150	Yuchi
9160	Chetemacha
9170	Yuki
9171	Wappo
9200	Mayan languages
9210	Misumalpan
9220	Tarascan
9230	Mapuche
9240	Oto-Manguen
9250	Quechua
9260	Aymara
9270	Arawakian
9280	Chibchan
9290	Tupi-Guarani
9300	American Indian, n.s.
9400	Native
9410	Other specified American Indian languages
9420	South/Central American Indian
9500	No language
9600	Other or not reported
9601	Other n.e.c.
9602	Other n.s.
9292	Guarani

9291	Tupi
9282	Guaymi
9281	Cuna
9271	Island Caribs
9242	Zapotec
9241	Mixtec
9231	Araucanian
9215	Quiche
9214	Quekchi
9213	Maya
9212	Mam
9211	Cakchiquel
9000	Tanoan languages
8900	Aztecán, Nahuatl, Uto-Aztecán
8820	Tarahumara
8600	Shoshonean/Hopi
8200	Muskogean
8120	Iowa
8100	Siouan languages
7600	Penutian-Sahaptin
6322	Congo, Kongo, Luba, Ruanda, Rundi, Santali, Swahili
6321	Niger-Congo regions (many subheads)
6320	Eastern Sudanic and Khoisan
6100	Hamitic
5740	Libyan
5730	Iraqi

5710	Algerian, Moroccan, Tunisian
5500	Micronesian, Polynesian
5300	Other Malayan
5100	Other East/Southeast Asian
4310	Other Chinese
3521	Lappish
3511	Estonian
3110	Other Indo-Aryan
3000	Other Persian dialects
2330	Dalmatian, Montenegrin
1811	Great Russian
1510	Welsh, Breton, Cornish
1020	Friulian
0900	Scandinavian
0450	Belgian, Flemish

Variable: "SPEAKENG"

Name:	SPEAKENG
Label:	Speaks English
Variable Text:	SPEAKENG indicates whether the respondent was able to speak English in 1900-1930 and 1970. Beginning in 1980, SPEAKENG indicates whether the respondent speaks only English at home, and also reports how well the respondent, who speaks a language other than English at home, speaks English.
Concept:	Race, Ethnicity, and Nativity Variables -- PERSON
Start Position:	105
End Position:	105
Width:	1

Variable Format:	numeric																				
Implied Decimal Places:	0																				
Categories																					
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>N/A (Blank)</td></tr> <tr> <td>1</td><td>Does not speak English</td></tr> <tr> <td>2</td><td>Yes, speaks English...</td></tr> <tr> <td>3</td><td>Yes, speaks only English</td></tr> <tr> <td>4</td><td>Yes, speaks very well</td></tr> <tr> <td>5</td><td>Yes, speaks well</td></tr> <tr> <td>6</td><td>Yes, but not well</td></tr> <tr> <td>7</td><td>Unknown</td></tr> <tr> <td>8</td><td>Illegible</td></tr> </tbody> </table>		Value	Label	0	N/A (Blank)	1	Does not speak English	2	Yes, speaks English...	3	Yes, speaks only English	4	Yes, speaks very well	5	Yes, speaks well	6	Yes, but not well	7	Unknown	8	Illegible
Value	Label																				
0	N/A (Blank)																				
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6	Yes, but not well																				
7	Unknown																				
8	Illegible																				

Variable: "EDUC"

Name:	EDUC
Label:	Educational attainment [general version]
Variable Text:	EDUC indicates respondents' educational attainment, as measured by the highest year of school or degree completed. Note that completion differs from the highest year of school attendance; for example, respondents who attended 10th grade but did not finish were classified in EDUC as having completed 9th grade. For additional detail on grade attendance, see GRADEATT as well as the detailed version of HIGRADE.
Concept:	Education Variables -- PERSON
Start Position:	106
End Position:	107
Width:	2

Variable Format:	numeric																										
Implied Decimal Places:	0																										
Categories																											
<table> <tr> <th>Value</th><th>Label</th></tr> <tr> <td>01</td><td>Nursery school to grade 4</td></tr> <tr> <td>02</td><td>Grade 5, 6, 7, or 8</td></tr> <tr> <td>03</td><td>Grade 9</td></tr> <tr> <td>04</td><td>Grade 10</td></tr> <tr> <td>05</td><td>Grade 11</td></tr> <tr> <td>06</td><td>Grade 12</td></tr> <tr> <td>07</td><td>1 year of college</td></tr> <tr> <td>08</td><td>2 years of college</td></tr> <tr> <td>09</td><td>3 years of college</td></tr> <tr> <td>10</td><td>4 years of college</td></tr> <tr> <td>11</td><td>5+ years of college</td></tr> <tr> <td>00</td><td>N/A or no schooling</td></tr> </table>		Value	Label	01	Nursery school to grade 4	02	Grade 5, 6, 7, or 8	03	Grade 9	04	Grade 10	05	Grade 11	06	Grade 12	07	1 year of college	08	2 years of college	09	3 years of college	10	4 years of college	11	5+ years of college	00	N/A or no schooling
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11	5+ years of college																										
00	N/A or no schooling																										

Variable: "EDUCD"

Name:	EDUCD
Label:	Educational attainment [detailed version]
Variable Text:	EDUC indicates respondents' educational attainment, as measured by the highest year of school or degree completed. Note that completion differs from the highest year of school attendance; for example, respondents who attended 10th grade but did not finish were classified in EDUC as having completed 9th grade. For additional detail on grade attendance, see GRADEATT as well as the detailed version of HIGRADE.
Concept:	Education Variables -- PERSON
Start	108

Position:	
End Position:	110
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
999	Missing
010	Nursery school to grade 4
011	Nursery school, preschool
012	Kindergarten
013	Grade 1, 2, 3, or 4
014	Grade 1
015	Grade 2
016	Grade 3
017	Grade 4
020	Grade 5, 6, 7, or 8
021	Grade 5 or 6
022	Grade 5
023	Grade 6
024	Grade 7 or 8
025	Grade 7
026	Grade 8
030	Grade 9

040	Grade 10
050	Grade 11
060	Grade 12
061	12th grade, no diploma
062	High school graduate or GED
063	Regular high school diploma
064	GED or alternative credential
065	Some college, but less than 1 year
070	1 year of college
071	1 or more years of college credit, no degree
080	2 years of college
081	Associate's degree, type not specified
082	Associate's degree, occupational program
083	Associate's degree, academic program
090	3 years of college
100	4 years of college
101	Bachelor's degree
110	5+ years of college
111	6 years of college (6+ in 1960-1970)
112	7 years of college
113	8+ years of college
114	Master's degree
115	Professional degree beyond a bachelor's degree
116	Doctoral degree
001	N/A
002	No schooling completed

000

N/A or no schooling

Variable: "EMPSTAT"

Name:	EMPSTAT
Label:	Employment status [general version]
Variable Text:	EMPSTAT indicates whether the respondent was a part of the labor force -- working or seeking work -- and, if so, whether the person was currently unemployed. The second digit preserves additional related information available for some years but not others. See LABFORCE for a dichotomous variable that identifies whether a person participated in the labor force or not and is available for all years in the IPUMS.
Concept:	Work Variables -- PERSON
Start Position:	111
End Position:	111
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0	N/A
1	Employed
2	Unemployed
3	Not in labor force

Variable: "EMPSTATD"

Name:	EMPSTATD
Label:	Employment status [detailed version]

Variable Text:	EMPSTAT indicates whether the respondent was a part of the labor force -- working or seeking work -- and, if so, whether the person was currently unemployed. The second digit preserves additional related information available for some years but not others. See LABFORCE for a dichotomous variable that identifies whether a person participated in the labor force or not and is available for all years in the IPUMS.
Concept:	Work Variables -- PERSON
Start Position:	112
End Position:	113
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
00	N/A
10	At work
11	At work, public emerg
12	Has job, not working
13	Armed forces
14	Armed forces--at work
15	Armed forces--not at work but with job
20	Unemployed
21	Unemp, exper worker
22	Unemp, new worker
30	Not in Labor Force
31	NILF, housework
32	NILF, unable to work

33	NILF, school
34	NILF, other

Variable: "LABFORCE"

Name:	LABFORCE
Label:	Labor force status
Variable Text:	LABFORCE is a dichotomous variable indicating whether a person participated in the labor force. See EMPSTAT for a non-dichotomous variable that indicates whether the respondent was part of the labor force -- working or seeking work -- and, if so, whether the person was currently unemployed.
Concept:	Work Variables -- PERSON
Start Position:	114
End Position:	114
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0	N/A
1	No, not in the labor force
2	Yes, in the labor force

Variable: "OCC"

Name:	OCC
Label:	Occupation

Variable Text:	<p>Universe Note: "New Workers" are persons seeking employment for the first time, who had not yet secured their first job.</p> <p>OCC reports the person's primary occupation, coded into a contemporary census classification scheme (some non-occupational activities are also recorded in the pre-1940 samples). Generally, the primary occupation is the one from which the person earns the most money; if respondents were not sure about this, they were to report the one at which they spent the most time. Unemployed persons were to give their most recent occupation. For persons listing more than one occupation, the samples use the first one listed.</p> <p>Note Regarding Multi-Year Samples: In Multi-Year ACS files, OCC codes depend on the original year the respondent was interviewed (see MULTYEAR). For example in the 2011-2015 5-year ACS sample, respondents from 2011 correspond to the set of OCC codes used from 2010-2011, while respondents from 2012, 2013, 2014, and 2015 correspond to the set of OCC codes used from 2012-2015 (see ACS/PRCS Occupation Codes [URL omitted from DDI.]</p>
Concept:	Work Variables -- PERSON
Start Position:	115
End Position:	118
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>OCC is a 4-digit variable reporting the person's primary occupation, coded into a contemporary census classification scheme (some non-occupational activities are also recorded in the pre-1950 samples). Generally, the primary occupation is the one from which the person earns the most money; if respondents were not sure about this, they were to report the one at which they spent the most time. Unemployed persons were to give their most recent occupation. For persons listing more than one occupation, the samples use the first one listed. OCC specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below if applicable by Census year (and data sample if specified).</p> <p>OCC Specific Variable Codes See links below for details regarding OCC codes: 1880 Occupation Codes [URL omitted from DDI.] (used for 1850-1900 samples) 1920 Occupation Codes [URL omitted from DDI.] (used for 1910-1920 samples) 1930 Occupation Codes [URL omitted from DDI.] 1940 Occupation Codes [URL omitted from DDI.] 1950 Occupation Codes - see OCC1950 1960 Occupation Codes [URL omitted from DDI.] 1970 Occupation Codes [URL omitted from DDI.] 1980 Occupation Codes [URL omitted from DDI.] 1990 Occupation Codes [URL omitted from DDI.] 2000 Occupation Codes [URL omitted from DDI.] ACS/PRCS Occupation Codes [URL omitted from DDI.]</p>

Variable: "IND"

Name:	IND
Label:	Industry
Variable Text:	<p>Universe Note: "New Workers" are persons seeking employment for the first time, who had not yet secured their first job.</p> <p>IND is an un-recoded variable that reports the type of industry in which the person performed an occupation, which is recorded in the variables OCC (Occupation) and OCC1950 (Occupation, 1950 basis). In census usage, "industry" currently refers to work setting and economic sector, as opposed to the worker's specific technical function, or "occupation". Prior to 1930, the occupation and industry concepts were not so clearly distinguishable from one another.</p> <p>Some persons work in more than one industry. Generally, the instructions asked for the industry from which the person earned the most money. Respondents not sure about this were to report the industry in which they spent the most time. For persons listing more than one industry, the samples use the first one listed. Persons not currently employed were to give their most recent industry.</p> <p>Note Regarding Multi-Year Samples: In Multi-Year ACS files, IND codes depend on the original year the respondent was interviewed (see MULTYEAR). For example, in the 2011-2015 5-year ACS sample, respondents from 2011 and 2012 correspond to the set of IND codes used from 2008-2012 [URL omitted from DDI.], while respondents from 2013, 2014, and 2015 correspond to the set of OCC codes used from 2013-2015 [URL omitted from DDI.].</p>
Concept:	Work Variables -- PERSON
Start Position:	119
End Position:	122
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>IND is a 4-digit un-recoded variable reporting the type of industry in which the person performed an occupation, which is recorded in the variables OCC (Occupation) and OCC1950 (Occupation, 1950 basis). In census usage, "industry" currently refers to work setting and economic sector, as opposed to the worker's specific technical function, or "occupation". Prior to 1930, the occupation and industry concepts were not clearly distinguishable from one another. Some persons work in more than one industry. Generally, the instructions asked for the industry from which the person earned the most money. Respondents unsure about this were to report the industry in which they spent the most time. For persons listing more than one industry, the samples use the first one listed. Persons not currently employed were to give their most recent industry. IND</p>

specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below if applicable by Census year (and data sample if specified).

IND Specific Variable Codes

See links below for details regarding OCC codes:

1910 Industry Codes [URL omitted from DDI.]

1930 Industry Codes [URL omitted from DDI.]

1940 Industry Codes [URL omitted from DDI.]

1950 Industry Codes (also applied to the 1920 data) - see IND1950

1960 Industry Codes [URL omitted from DDI.]

1970 Industry Codes [URL omitted from DDI.]

1980 Industry Codes [URL omitted from DDI.]

1990 Industry Codes [URL omitted from DDI.]

2000 and 2000-2002 ACS Industry Codes [URL omitted from DDI.]

2003-2007 ACS/PRCS Industry Codes [URL omitted from DDI.]

2008-2012 ACS/PRCS Industry Codes [URL omitted from DDI.]

2013-Onward ACS/PRCS Industry Codes [URL omitted from DDI.]

Variable: "INCTOT"

Name:	INCTOT
Label:	Total personal income
Variable Text:	<p>INCTOT reports each respondent's total pre-tax personal income or losses from all sources for the previous year. The censuses collected information on income received from these sources during the previous calendar year; for the ACS and the PRCS, the reference period was the past 12 months. Amounts are expressed in contemporary dollars, and users studying change over time must adjust for inflation:</p> <p>Users studying change over time must adjust for inflation. Consumer Price Index adjustment factors for the appropriate years can be found in the CPI99 variable.</p> <p>The exception is the ACS/PRCS multi-year files, where all dollar amounts have been standardized to dollars as valued in the final year of data included in the file (e.g., 2007 dollars for the 2005-2007 3-year file). Additionally, more detail may be available than exists in the original ACS samples.</p> <p>User Note: ACS respondents are surveyed throughout the year, and amounts do not reflect calendar year dollars. While the Census Bureau provides an adjustment factor (available in ADJUST), this is an imperfect solution. See the ACS income variables note [URL omitted from DDI.] for further details.</p> <p>For a more complete discussion of the use of these factors to adjust for inflation, users may wish to see the IPUMS-CPS note on adjusting dollar amount variables for inflation. [URL omitted from DDI.]</p>
Concept:	Income Variables -- PERSON
Start Position:	123
End Position:	129
Width:	7
Variable	numeric

Format:	
Implied Decimal Places:	0
Coder Instructions:	<p>INCTOT is a 7-digit numeric code reporting each respondent's total pre-tax personal income or losses from all sources for the previous year. INCTOT specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below by Census year (and data sample if specified).</p> <p>User Note: Users studying change over time must adjust for inflation (See Description).</p> <p>INCTOT Specific Variable Codes</p> <p>-009995 = -\$9,900 (1980) -000001 = Net loss (1950) 0000000 = None 0000001 = \$1 or break even (2000, 2005-onward ACS and PRCS) 9999999 = N/A</p> <pre>* .indent { text-indent: 10px; } * .lrgindent { text-indent: 90px; }</pre> <p>INCTOT</p> <p>Census Bottom Code Top Code</p> <p>1950 Net loss \$10,000</p> <p>1960 -\$9,900 \$25,000</p> <p>1970 -\$9,900 \$50,000</p> <p>1980 -\$9,990 \$75,000</p> <p>1990 -\$19,998 \$400,000*</p> <p>2000 -\$20,000 \$999,998</p> <p>ACS -\$19,998</p>

-
PRCS
-\$19,998
-

*Higher amounts are expressed as the state medians of values above \$400,000.
Values Exceeding Top codes, by State: 1990 [URL omitted from DDI.]

Variable: "INCWAGE"

Name:	INCWAGE
Label:	Wage and salary income
Variable Text:	<p>INCWAGE reports each respondent's total pre-tax wage and salary income - that is, money received as an employee - for the previous year. The censuses collected information on income received from these sources during the previous calendar year; for the ACS and the PRCS, the reference period was the past 12 months. Sources of income in INCWAGE include wages, salaries, commissions, cash bonuses, tips, and other money income received from an employer. Payments-in-kind or reimbursements for business expenses are not included. See the comparability discussion below for further information.</p> <p>Amounts are expressed in contemporary dollars, and users studying change over time must adjust for inflation (See INCTOT for Consumer Price Index adjustment factors). The exception is the ACS/PRCS multi-year files, where all dollar amounts have been standardized to dollars as valued in the final year of data included in the file (e.g., 2007 dollars for the 2005-2007 3-year file). Additionally, more detail may be available than exists in the original ACS samples.</p> <p>User Note: ACS respondents are surveyed throughout the year, and amounts do not reflect calendar year dollars. While the Census Bureau provides an adjustment factor (available in ADJUST), this is an imperfect solution. See the ACS income variables note [URL omitted from DDI.] for further details.</p>
Concept:	Income Variables -- PERSON
Start Position:	130
End Position:	135
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	INCWAGE is a 7-digit numeric code reporting each respondent's total pre-tax wage and salary income - that is, money received as an employee - for the previous year. INCWAGE specific variable codes for missing, edited, or unidentified observations, observations not

applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below by Census year (and data sample if specified).

User Note: Amounts are expressed in contemporary dollars, and users studying change over time must adjust for inflation (See Description).

INCWAGE Specific Variable Codes

999999 = N/A

999998 = Missing

```
* .indent {  
text-indent: 10px;  
}
```

```
* .lrgindent {  
text-indent: 85px;  
}
```

INCWAGE

Census
Top Code

1940
\$5,001

1950
\$10,000

1960
\$25,000

1970
\$50,000

1980
\$75,000

1990
\$140,000*

2000
\$175,000**

ACS (2000-2002)
\$200,000**

ACS (2003-onward)
99.5th Percentile in State**

PRCS (2005-onward)
99.5th Percentile in State**

* Higher amounts are expressed as the state medians of values above the listed Top Code value for that specific Census year (i.e. For Census Year 1990, any observed value greater than the Top Code value of \$140,000 was coded as the median value greater than \$140,000 within that observation's state.).

** Higher amounts are coded as the state means of values above the listed Top Code value for that specific Census year.

Values Exceeding Top codes, by State: 1990 [URL omitted from DDI.], 2000 Census [URL

omitted from DDI.], 2000 ACS [URL omitted from DDI.], 2001 ACS [URL omitted from DDI.], 2002 ACS [URL omitted from DDI.], 2003 ACS [URL omitted from DDI.], 2004 ACS [URL omitted from DDI.], 2005 ACS/PRCS [URL omitted from DDI.], 2006 ACS/PRCS [URL omitted from DDI.], 2007 ACS/PRCS [URL omitted from DDI.], 2005-2007 ACS/PRCS 3-Year [URL omitted from DDI.], 2008 ACS/PRCS [URL omitted from DDI.], 2006-2008 ACS/PRCS [URL omitted from DDI.], 2009 ACS/PRCS [URL omitted from DDI.], 2007-2009 ACS/PRCS [URL omitted from DDI.], 2005-2009 ACS/PRCS [URL omitted from DDI.], 2010 ACS/PRCS [URL omitted from DDI.], 2008-2010 ACS/PRCS [URL omitted from DDI.], 2006-2010 ACS/PRCS [URL omitted from DDI.], 2011 ACS/PRCS [URL omitted from DDI.], 2009-2011 ACS/PRCS [URL omitted from DDI.], 2007-2011 ACS/PRCS [URL omitted from DDI.], 2012 ACS/PRCS [URL omitted from DDI.], 2010-2012 ACS/PRCS [URL omitted from DDI.], 2008-2012 ACS/PRCS [URL omitted from DDI.], 2013 ACS/PRCS [URL omitted from DDI.], 2011-2013 ACS/PRCS 3-Year [URL omitted from DDI.], 2009-2013 ACS/PRCS 5-Year [URL omitted from DDI.], 2014 ACS/PRCS [URL omitted from DDI.], 2010-2014 ACS/PRCS 5-Year [URL omitted from DDI.], 2015 ACS/PRCS [URL omitted from DDI.], 2011-2015 ACS/PRCS 5-Year [URL omitted from DDI.]

Variable: "POVERTY"

Name:	POVERTY
Label:	Poverty status
Variable Text:	<p>POVERTY treats respondents who live in families collectively. It expresses each family's total income for the previous year as a percentage of the poverty thresholds established by the Social Security Administration in 1964 and subsequently revised in 1980, adjusted for inflation (see the poverty definition page [URL omitted from DDI.] for more information). POVERTY assigns all members of each family - not each household - the same code. POVERTY is also calculated for most adults living as unrelated individuals. For the 1950-2000 censuses, the reference period for income is the previous calendar year; for the ACS and the PRCS, the reference period is the preceding 12 months from the date of interview.</p> <p>Whether an individual falls below the official "poverty line" depends not only on total family income, but also on the size of the family, the number of people in the family who are children, and the age of the householder (under/over age 65). POVERTY was created using detailed income and family structure information about each individual and calculating the family income as a percentage of the appropriate official poverty threshold. For example, if a person's family income is \$20,000 and the poverty threshold for such a person is \$13,861, then the value of POVERTY for that individual is $\\$20,000/\\$13,861 * 100$ percent, or 144. Individuals whose family income is more than five times the appropriate poverty threshold receive a POVERTY value of 501. For more detail on the precise poverty thresholds used for the POVERTY variable, see the poverty definition page [URL omitted from DDI.].</p> <p>In POVERTY, the IPUMS evaluates poverty status individually for each distinct family unit in the household, as defined in FAMUNIT. For example, all persons related to the household head receive the same poverty value as the head, while an unrelated person and her child would share their own value distinct from that of the primary family. As mentioned in the FAMUNIT variable description, it is possible for individuals identified as being non-relatives of the head (RELATE) to be included in the primary family (FAMUNIT 1), based on family pointer information [URL omitted from DDI.]. However, because the POVERTY values for primary families in the 2000 Decennial and ACS/PRCS samples are published in the PUMS by the Census Bureau (see User Caution below) and the Census Bureau strictly excludes "non-relatives" (RELATED > 1100) from primary families, some individuals identified as FAMUNIT 1 by IPUMS USA will not have the same POVERTY value as the head of household. These individuals will instead have the single-person poverty calculation assigned to them by the Census Bureau.</p> <p>The original PUMS samples for years prior to 1990 did not include a poverty variable. Original PUMS samples from 1990 onward included poverty values, but IPUMS poverty</p>

values differ from the original PUMS values in a key way. The original PUMS samples treated all households members unrelated to the head as one-person families when assigning poverty values, even if such persons were part of a secondary family (i.e., persons living with their own relatives but not related to the household head). Thus, the original PUMS poverty measures do not account for the presence of children (or any other aspect of family size and composition) in secondary families. For example, in the original 1990 PUMS sample, a woman unrelated to the householder who has a child would receive a poverty value appropriate for a single person with a given income, rather than for a two-person family with a child. Consequently, the original PUMS samples from 1990 onwards tend to underestimate poverty. In the IPUMS, by contrast, the POVERTY value would be based on the threshold fitting the secondary family consisting of both the mother and the child. The IPUMS samples also round to the nearest poverty value, while the original census PUMS samples always round up.

User Caution: The incomes of the highest-earning individuals are "top-coded" in the 2000 census data, the ACS and the PRCS samples (see 2000 income Top codes [URL omitted from DDI.]). In the 2000-present period, for individuals in the first family unit of every household (cases where FAMUNIT=1), POVERTY uses the poverty values in the original PUMS samples, which are based on respondents' pre-top-coded income information. The POVERTY value for some of these cases will differ from calculations one could make by hand using the available information in the top-coded income variables. As noted above, the IPUMS calculates POVERTY values for members of secondary families, and these values are based on top-coded income information. (Like the ACS, the IPUMS also uses the income adjustment factor before calculating poverty, although use of this factor is not recommended with IPUMS data. See the ACS income standardization note [URL omitted from DDI.] for more information.) This variable also includes some valid values for group quarters (GQ) residents, even though the stated universe does not include such cases. Users who want to maintain a consistent universe should manually exclude group quarters residents.

Concept:	Income Variables -- PERSON
Start Position:	136
End Position:	138
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>POVERTY is a 3-digit numeric code expressing each family's total income for the previous year as a percentage of the poverty thresholds established by the Social Security Administration in 1964 and subsequently revised in 1980, adjusted for inflation (See Poverty Definition Page [URL omitted from DDI.]). POVERTY specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below by Census year (and data sample if specified).</p> <p>POVERTY Specific Variable Codes</p> <p>000 = N/A</p> <p>001 = 1 percent or less of poverty threshold</p> <p>501 = 501 percent or more of poverty threshold</p>

Variable: "HWSEI"

Name:	HWSEI
Label:	Socioeconomic Index, Hauser and Warren
Variable Text:	<p>HWSEI is a constructed variable that assigns a Hauser and Warren Socioeconomic Index (SEI) score to each occupation using the modified version of the 1990 occupational classification scheme available in the OCC1990 variable. The HWSEI variable is a measure of occupational status based upon the earnings and educational attainment associated with each category in the 1990 occupational scheme.</p> <p>User Note: There is significant debate about the usefulness of composite measures of occupational standing (in the IPUMS, these variables include SEI, HWSEI, NPBOSS50, and NPBOSS90). We strongly urge researchers to read our user note [URL omitted from DDI.] on this issue and to familiarize themselves with the debates surrounding the use of these variables.</p> <p>Using data from the 1989 General Social Survey (GSS) and the 1990 census, Hauser and Warren regressed the occupational prestige ratings (i.e., the started logit of percentage of 5 or higher ratings on the nine-point scale used in the 1989 GSS) on occupational education (i.e., the started logit of percentage of all occupational incumbents who had completed one or more years of college) and occupational earnings (i.e., the started logit of percentage of all occupational incumbents who earned \$14.30 per hour or more in 1989). The resulting statistical model was used to generate socioeconomic scores for the entire range of 1990 occupations. The HWSEI is, therefore, the weighted sum of occupational education and occupational earnings.</p> <p>For more information, see R. M. Hauser and J. R. Warren "Socioeconomic Indexes for Occupations: A Review, Update, and Critique," Sociological Methodology 27 (1997): 177-298; and K. Nakao and J. Treas, "Updating Occupational Prestige and Socioeconomic Scores: How the New Measures Measure Up," Sociological Methodology 24 (1994): 1-72.</p> <p>Hauser and Warren developed this measure to be applicable to datasets with occupational data coded to the 1990 census occupational scheme. For the purpose of comparability across time, the IPUMS version of HWSEI uses the modified version of the 1990 occupational classification scheme available in OCC1990. Several 1990 occupation categories were aggregated in modified version of the 1990 occupational classification scheme. In these cases, the socioeconomic index score was calculated as the weighted average of 1990 occupational categories.</p> <p>Alternative measures of occupational standing measures that are based on OCC1990 are available in EDSCOR90, ERSCOR90, NPBOSS90, and PRENT. For information on occupational standing measures, see "Integrated Occupation and Industry Codes and Occupational Standing Variables in the IPUMS [URL omitted from DDI]."</p>
Concept:	Occupational Standing Variables -- PERSON
Start Position:	139
End Position:	142
Width:	4
Variable Format:	numeric

Implied Decimal Places:	2
Coder Instructions:	<p>HWSEI is a 4-digit numeric variable that assigns a Hauser and Warren Socioeconomic Index (SEI) score to each occupation using the modified version of the 1990 occupational classification scheme available in the OCC1990 variable. The HWSEI variable is a measure of occupational status based upon the earnings and educational attainment associated with each category in the 1990 occupational scheme. HWSEI has two implied decimals. For example, a HWSEI value of 1461 should be interpreted as 14.61. This division is performed automatically in the extract setup files. HWSEI specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below if applicable by Census year (and data sample if specified).</p> <p>User Note: There is significant debate about the usefulness of composite measures of occupational standing (in the IPUMS, these variables include SEI, HWSEI, NPBOSS50, and NPBOSS90). We strongly urge researchers to read our user note [URL omitted from DDI.] on this issue and to familiarize themselves with the debates surrounding the use of these variables.</p> <p>HWSEI Specific Variable Codes 0000 = N/A</p>

Variable: "MIGRATE1"

Name:	MIGRATE1
Label:	Migration status, 1 year [general version]
Variable Text:	<p>MIGRATE1 reports whether the person had changed residence since a reference point 1 year ago. Specifically, individuals age 1+ were asked if they had lived in the "same house" (non-movers) or a "different house" (movers) one year earlier. Persons who had moved were to indicate the foreign country or the state, county, and place of their normal residence during the reference year. Migration data were collected only for sample-line persons in 1950.</p> <p>The category "Same house" includes all eligible persons who did not move since the reference year, as well as those who had moved but by the enumeration or survey date had returned to their earlier residence. The category "Different house" includes persons who lived in a different house in the reference year. For 1950, movers (those who reported living in a different house in the reference year) are further subdivided according to type of move (e.g., within the county or across state lines). The ACS and the PRCS report only same/different residence and identifies those previously living abroad.</p> <p>Therefore, for the ACS/PRCS samples, MIGRATE1 uses information contained in the IPUMS variable MIGPLAC1 and compatible PUMAs of migration and PUMAs of residence to indicate whether movers migrated between states or within the same state (the same levels of detail in the 1950 classification.). For movers who migrated between states, a detailed version of MIGRATE1 indicates whether they moved between contiguous or non-contiguous states. For movers who migrated within the same state, detailed MIGRATE1 indicates whether they moved within or between PUMAs.</p>
Concept:	Migration Variables -- PERSON
Start Position:	143
End	143

Position:															
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
Categories															
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>N/A</td></tr> <tr> <td>1</td><td>Same house</td></tr> <tr> <td>2</td><td>Moved within state</td></tr> <tr> <td>3</td><td>Moved between states</td></tr> <tr> <td>4</td><td>Abroad one year ago</td></tr> <tr> <td>9</td><td>Unknown</td></tr> </tbody> </table>		Value	Label	0	N/A	1	Same house	2	Moved within state	3	Moved between states	4	Abroad one year ago	9	Unknown
Value	Label														
0	N/A														
1	Same house														
2	Moved within state														
3	Moved between states														
4	Abroad one year ago														
9	Unknown														

Variable: "MIGRATE1D"

Name:	MIGRATE1D
Label:	Migration status, 1 year [detailed version]
Variable Text:	<p>MIGRATE1 reports whether the person had changed residence since a reference point 1 year ago. Specifically, individuals age 1+ were asked if they had lived in the "same house" (non-movers) or a "different house" (movers) one year earlier. Persons who had moved were to indicate the foreign country or the state, county, and place of their normal residence during the reference year. Migration data were collected only for sample-line persons in 1950.</p> <p>The category "Same house" includes all eligible persons who did not move since the reference year, as well as those who had moved but by the enumeration or survey date had returned to their earlier residence. The category "Different house" includes persons who lived in a different house in the reference year. For 1950, movers (those who reported living in a different house in the reference year) are further subdivided according to type of move (e.g., within the county or across state lines). The ACS and the PRCS report only same/different residence and identifies those previously living abroad.</p> <p>Therefore, for the ACS/PRCS samples, MIGRATE1 uses information contained in the IPUMS variable MIGPLAC1 and compatible PUMAs of migration and PUMAs of residence to indicate whether movers migrated between states or within the same state (the same levels of detail in the 1950 classification.). For movers who migrated between states, a detailed version of MIGRATE1 indicates whether they moved between contiguous or non-contiguous states. For</p>

	movers who migrated within the same state, detailed MIGRATE1 indicates whether they moved within or between PUMAs.
Concept:	Migration Variables -- PERSON
Start Position:	144
End Position:	145
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
00	N/A
10	Same house
20	Same state (migration status within state unknown)
21	Different house, moved within county
22	Different house, moved within state, between counties
23	Different house, moved within state, within PUMA
24	Different house, moved within state, between PUMAs
25	Different house, unknown within state
30	Different state (general)
31	Moved between contiguous states
32	Moved between non-contiguous states
40	Abroad one year ago
90	Unknown

Variable: "CARPOOL"

Name:	CARPOOL
Label:	Carpooling
Variable Text:	CARPOOL indicates whether the respondent usually rode to work in a carpool (with at least one other worker) during the previous week. Persons are considered car-poolers only if they rode with other workers (see RIDERS).
Concept:	Place of Work and Travel Time Variables -- PERSON
Start Position:	146
End Position:	146
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
5	Passenger only
4	Drives others only
2	Carpools
3	Shares driving
1	Drives alone
0	N/A

Variable: "TRANTIME"

Name:	TRANTIME
Label:	Travel time to work

Variable Text:	<p>TRANTIME reports the total amount of time, in minutes, that it usually took the respondent to get from home to work last week.</p> <p>In 1980, responses to questions about travel time to work were coded for only half the persons included in the IPUMS. These cases provide accurate proportional distributions but not correct absolute numbers for the general population. For correct absolute numbers, users should select cases coded as 2 in MIGSAMP and multiply by 2 as well as by PERWT.</p>
Concept:	Place of Work and Travel Time Variables -- PERSON
Start Position:	147
End Position:	149
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>TRANTIME is a 3-digit numeric variable reporting the total amount of time, in minutes, that it usually took the respondent to get from home to work last week. TRANTIME specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below by Census year (and data sample if specified).</p> <p>TRANTIME Specific Variable Codes 000 = N/A</p> <p>Values Exceeding Top codes, by State: 2003 ACS [URL omitted from DDI.], 2004 ACS [URL omitted from DDI.], 2005 ACS/PRCS [URL omitted from DDI.], 2006 ACS/PRCS [URL omitted from DDI.], 2007 ACS/PRCS [URL omitted from DDI.], 2005-2007 ACS/PRCS 3-Year [URL omitted from DDI.], 2008 ACS/PRCS [URL omitted from DDI.], 2006-2008 ACS/PRCS 3-Year [URL omitted from DDI.], 2009 ACS/PRCS [URL omitted from DDI.], 2007-2009 ACS/PRCS 3-Year [URL omitted from DDI.], 2005-2009 ACS/PRCS 5-Year [URL omitted from DDI.], 2010 ACS/PRCS [URL omitted from DDI.], 2008-2010 ACS/PRCS [URL omitted from DDI.], 2006-2010 ACS/PRCS [URL omitted from DDI.], 2011 ACS/PRCS [URL omitted from DDI.], 2009-2011 ACS/PRCS [URL omitted from DDI.], 2007-2011 ACS/PRCS [URL omitted from DDI.], 2012 ACS/PRCS [URL omitted from DDI.], 2010-2012 ACS/PRCS [URL omitted from DDI.], 2008-2012 ACS/PRCS [URL omitted from DDI.], 2013 ACS/PRCS [URL omitted from DDI.], 2011-2013 ACS/PRCS 3-Year [URL omitted from DDI.], 2009-2013 ACS/PRCS 5-Year [URL omitted from DDI.], 2014 ACS/PRCS [URL omitted from DDI.], 2010-2014 ACS/PRCS 5-Year [URL omitted from DDI.], 2015 ACS/PRCS [URL omitted from DDI.], 2011-2015 ACS/PRCS 5-Year [URL omitted from DDI.]</p>