IPUMS

User Extract usa_00028.dat

Jump to Section

§ 1. Document Description

Citation

Title Statement	
Title:	Codebook for an IPUMS USA Data Extract
Subtitle:	DDI 2.5 metadata describing the extract file 'usa_00028.dat'
Identification Number:	ddi2-255ba4e0-4b09-013c-327b-0242ac1c0004-usa_00028.dat-usa.ipums.org
Responsibility Statement	
Authoring Entity:	IPUMS
Affiliation:	University of Minnesota
Production Statement	
Producer:	IPUMS
Affiliation:	University of Minnesota
Role:	Documentation
Date of Production:	March 18, 2025
Place of Production:	IPUMS, 50 Willey Hall, 225 - 19th Avenue South, Minneapolis, MN 55455
Distribution Statement	
Contact Persons:	IPUMS
Affiliation:	University of Minnesota

URI:	https://ipums.org

§ 2. Study Description

Citation

Title Statement	
Title:	User Extract usa_00028.dat
Responsibility Statement	
Authoring Entity:	IPUMS
Affiliation:	University of Minnesota
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Distribution Statement	
Contact Persons:	IPUMS
Affiliation:	University of Minnesota
URI:	https://ipums.org
Version Statement	
Date:	2025-03-18

Study Scope

Subject Information	
Topic Classification:	Technical Variables -- HOUSEHOLD
	Group Quarters Variables -- HOUSEHOLD
	Geographic Variables -- HOUSEHOLD

	Household Composition 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
	Migration Variables -- PERSON
Summary Data Description	
Time Period:	2014
Country:	United States
Notes	
Note:	Additional notes on a sample that is part of this study: 2010-2014, ACS 5-year Density of the full data file: 5.0% Density of this extract: 5.0%

Data Access - Use Statement

Confidentiality Declaration	
None	
Contact Persons:	IPUMS USA
Affiliation:	IPUMS
URI:	http://usa.ipums.org
Citation Requirement	

Publications and research reports based on the IPUMS USA database must cite it appropriately. The citation should include the following:

Steven Ruggles, Sarah Flood, Matthew Sobek, Daniel Backman, Grace Cooper, Julia A. Rivera Drew, Stephanie Richards, Renae Rodgers, Jonathan Schroeder, and Kari C.W. Williams. IPUMS USA: Version 16.0 [dataset]. Minneapolis, MN: IPUMS, 2025. https://doi.org/10.18128/D010.V16.0

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Conditions
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: (1) No fees may be charged for use or distribution of the data. (2) Cite IPUMS appropriately. For information on proper citation, refer to the citation requirement section of this DDI document. (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. (4) The IPUMS cannot be used for genealogical research (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. (6) Use it for GOOD -- never for EVIL. (7) Please notify ipums@umn.edu regarding errors in the data or documentation.
Disclaimer
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.

Study Notes

Notes	
Note:	User-provided description: 2010 ACS 5 Yrs
	This extract is a revision of the user's previous extract, ID 26110658.

§ 3. File Description

File

File Name:	usa_00028.dat
Contents of Files:	Microdata records
Type:	rectangular
File Type:	ISO-8859-1 data file
Data Format:	fixed length fields
Place of File Production:	IPUMS, 50 Willey Hall, 225 - 19th Avenue South, Minneapolis, MN 55455

§ 4. Variable Description

Jump to Variable

47. HISPAN (Hispanic origin [general version])
48. HISPAND (Hispanic origin [detailed version])
49. BPL (Birthplace [general version])
50. BPLD (Birthplace [detailed version])
51. LANGUAGE (Language spoken [general version])
52. LANGUAGED (Language spoken [detailed version])
53. EDUC (Educational attainment [general version])
54. EDUCD (Educational attainment [detailed version])
55. EMPSTAT (Employment status [general version])
56. EMPSTATD (Employment status [detailed version])
57. LABFORCE (Labor force status)
58. OCC (Occupation)
59. IND (Industry)
60. INDNAICS (Industry, NAICS classification)
61. INCTOT (Total personal income)
62. FTOTINC (Total family income)
63. MIGRATE1 (Migration status 1 year ago [general version])
64. MIGRATE1D (Migration status 1 year ago [detailed version])
65. MIGPLAC1 (State or country of residence 1 year ago)
66. MIGMET131 (Metropolitan area of residence 1 year ago (2013 delineations))
67. MIGMETRO1 (Metropolitan status 1 year ago)

Variable: "YEAR"

Name:	YEAR
Label:	Census year
Variable Text:	YEAR reports the four-digit year when the household was enumerated or included in the census, the ACS, and the PRCS. 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.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	1
End Position:	4
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0
Categories	

Value	Label
1850	1850
1860	1860
1870	1870
1880	1880
1900	1900
1910	1910
1920	1920
1930	1930
1940	1940
1950	1950
1960	1960
1970	1970
1980	1980
1990	1990
2000	2000
2001	2001
2002	2002
2003	2003
2004	2004
2005	2005
2006	2006
2007	2007
2008	2008
2009	2009
2010	2010

2011	2011
2012	2012
2013	2013
2014	2014
2015	2015
2016	2016
2017	2017
2018	2018
2019	2019
2020	2020
2021	2021
2022	2022
2023	2023

Variable: "MULTYEAR"

Name:	MULTYEAR
Label:	Actual year of survey, multi-year ACS/PRCS
Variable Text:	MULTYEAR identifies the actual year of survey in multi-year ACS/PRCS samples. For example, the 3-year ACS and PRCS data files each include cases from three single-year files. For these multi-year samples, the YEAR variable identifies the last year of data (2007 for the 2005-2007 3-year data; 2008 for the 2006-2008 data; and so on). MULTYEAR gives the single-year sample from which the case was drawn (2005, 2006, or 2007 for the 2005-2007 3-year data; 2006, 2007, or 2008 for the 2006-2008 3-year data; and so on).
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	5
End Position:	8
Width:	4
Variable Format:	numeric
Implied Decimal	0

Places:	
Coder Instructions:	CodesThis variable is valid only for multi-year ACS and PRCS samples. MULTYEAR is a 4-digit numeric variable which reports the actual year of survey in multi-year ACS/PRCS samples. MULTYEAR 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: "SAMPLE"

Name:	SAMPLE
Label:	IPUMS sample identifier
Variable Text:	SAMPLE identifies the IPUMS sample from which the case is drawn. Each sample receives a unique 6-digit code. The codes are structured as follows: The first four digits are the year of the census/survey. The next two digits identify the sample within the year. For most censuses, IPUMS has multiple datasets 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). 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.". Note: SAMPLE replaces DATANUM. Though the last two digits in SAMPLE do not correlate exactly with the now-deprecated DATANUM, the variable serves the same purpose of assigning a unique id to all cases that belong to the same dataset.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	9
End Position:	14
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
202304	2019-2023, PRCS 5-year
202303	2019-2023, ACS 5-year

202302	2023 PRCS
202301	2023 ACS
202204	2018-2022, PRCS 5-year
202203	2018-2022, ACS 5-year
202202	2022 PRCS
202201	2022 ACS
202104	2017-2021, PRCS 5-year
202103	2017-2021, ACS 5-year
202102	2021 PRCS
202101	2021 ACS
202004	2016-2020, PRCS 5-year
202003	2016-2020, ACS 5-year
202001	2020 ACS
201904	2015-2019, PRCS 5-year
201903	2015-2019, ACS 5-year
201902	2019 PRCS
201901	2019 ACS
201804	2014-2018, PRCS 5-year
201803	2014-2018, ACS 5-year
201802	2018 PRCS
201801	2018 ACS
201704	2013-2017, PRCS 5-year
201703	2013-2017, ACS 5-year
201702	2017 PRCS
201701	2017 ACS
201604	2012-2016, PRCS 5-year
201603	2012-2016, ACS 5-year

201602	2016 PRCS
201601	2016 ACS
201504	2011-2015, PRCS 5-year
201503	2011-2015, ACS 5-year
201502	2015 PRCS
201501	2015 ACS
201404	2010-2014, PRCS 5-year
201403	2010-2014, ACS 5-year
201402	2014 PRCS
201401	2014 ACS
201306	2009-2013, PRCS 5-year
201305	2009-2013, ACS 5-year
201304	2011-2013, PRCS 3-year
201303	2011-2013, ACS 3-year
201302	2013 PRCS
201301	2013 ACS
201206	2008-2012, PRCS 5-year
201205	2008-2012, ACS 5-year
201204	2010-2012, PRCS 3-year
201203	2010-2012, ACS 3-year
201202	2012 PRCS
201201	2012 ACS
201106	2007-2011, PRCS 5-year
201105	2007-2011, ACS 5-year
201104	2009-2011, PRCS 3-year
201103	2009-2011, ACS 3-year
201102	2011 PRCS

201101	2011 ACS
201008	2010 Puerto Rico 10%
201007	2010 10%
201006	2006-2010, PRCS 5-year
201005	2006-2010, ACS 5-year
201004	2008-2010, PRCS 3-year
201003	2008-2010, ACS 3-year
201002	2010 PRCS
201001	2010 ACS
200906	2005-2009, PRCS 5-year
200905	2005-2009, ACS 5-year
200904	2007-2009, PRCS 3-year
200903	2007-2009, ACS 3-year
200902	2009 PRCS
200901	2009 ACS
200804	2006-2008, PRCS 3-year
200803	2006-2008, ACS 3-year
200802	2008 PRCS
200801	2008 ACS
200704	2005-2007, PRCS 3-year
200703	2005-2007, ACS 3-year
200702	2007 PRCS
200701	2007 ACS
200602	2006 PRCS
200601	2006 ACS
200502	2005 PRCS
200501	2005 ACS

200401	2004 ACS
200301	2003 ACS
200201	2002 ACS
200101	2001 ACS
200008	2000 Puerto Rico 1%
200007	2000 1%
200006	2000 Puerto Rico 1% sample (old version)
200005	2000 Puerto Rico 5%
200004	2000 ACS
200003	2000 Unweighted 1%
200002	2000 1% sample (old version)
200001	2000 5%
199007	1990 Puerto Rico 1%
199006	1990 Puerto Rico 5%
199005	1990 Labor Market Area
199004	1990 Elderly
199003	1990 Unweighted 1%
199002	1990 1%
199001	1990 5%
198007	1980 Puerto Rico 1%
198006	1980 Puerto Rico 5%
198005	1980 Detailed metro/non-metro
198004	1980 Labor Market Area
198003	1980 Urban/Rural
198002	1980 1%
198001	1980 5%
197009	1970 Puerto Rico Neighborhood

197008	1970 Puerto Rico Municipio
197007	1970 Puerto Rico State
197006	1970 Form 2 Neighborhood
197005	1970 Form 1 Neighborhood
197004	1970 Form 2 Metro
197003	1970 Form 1 Metro
197002	1970 Form 2 State
197001	1970 Form 1 State
196002	1960 5%
196001	1960 1%
195002	1950 100% database
195001	1950 1%
194002	1940 100% database
194001	1940 1%
193004	1930 100% database
193003	1930 Puerto Rico
193002	1930 5%
193001	1930 1%
192003	1920 100% database
192002	1920 Puerto Rico sample
192001	1920 1%
191004	1910 100% database
191003	1910 1.4% sample with oversamples
191002	1910 1%
191001	1910 Puerto Rico
190004	1900 100% database
190003	1900 1% sample with oversamples

190002	1900 1%
190001	1900 5%
188003	1880 100% database
188002	1880 10%
188001	1880 1%
187003	1870 100% database
187002	1870 1% sample with black oversample
187001	1870 1%
186003	1860 100% database
186002	1860 1% sample with black oversample
186001	1860 1%
185002	1850 100% database
185001	1850 1%

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 SAMPLE and SERIAL provides a unique identifier for every household in the IPUMS; the combination of SAMPLE, 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" for further discussion of sampling from within multi-household dwellings.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	15
End Position:	22
Width:	8
Variable Format:	numeric

Implied Decimal Places:	0
Coder Instructions:	CodesSERIAL 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 SAMPLE and SERIAL provides a unique identifier for every household in the IPUMS; the combination of SAMPLE, 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). SERIAL Specific Variable Codes

Variable: "CBSERIAL"

Name:	CBSERIAL
Label:	Original Census Bureau household serial number
Variable Text:	CBSERIAL is the unique, original identification number assigned to each household record in a given sample by the Census Bureau. All person records are assigned the same serial number as the household record that they follow. (The original person record unique identification numbers assigned by the Census Bureau are provided by CBPERNUM.) A combination of SAMPLE and CBSERIAL provides a unique identifier for every household in the IPUMS; the combination of SAMPLE, CBSERIAL, and CBPERNUM uniquely identifies every person in the database.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	23
End Position:	35
Width:	13
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesCBSERIAL is an 8-digit numeric variable which assigns a unique identification number to each household record in a given sample (See CBPERNUM for the analogous person record identifier). CBSERIAL 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). CBSERIAL Specific Variable Codes

Variable: "NUMPREC"

Name:	NUMPREC

Label:	Number of person records following
Variable Text:	NUMPREC reports the number of person records that are included in the sampled unit. These person records all have the same serial number (SERIAL) as the household record. The information contained in the household record usually applies to all these persons.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	36
End Position:	37
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

Variable: "SUBSAMP"

Name:	SUBSAMP
Label:	Subsample number
Variable Text:	SUBSAMP allocates each household to one of 100 subsample replicates, randomly numbered from 0 to 99. Each subsample is nationally representative and preserves all stratification of the sample from which it is drawn. Users who need a representative subset of a sample should use SUBSAMP to select their cases. For example, to randomly extract 10 percent of the cases from a sample, select any 10 of the 100 subsamples. SUBSAMP is a useful tool for carrying out the "subsample replicate" method of standard error estimation. This method involves dividing an IPUMS sample into 100 random subsamples and generating 100 subsample estimates for a given statistic. With these 100 "subsample replicate" estimates, researchers can measure a statistic's variation across all of the subsamples. Due to Census sample designs this method yields a more precise estimate of the standard error of a sample statistic than would be achieved through the application of a theoretical standard error formula. Additional precision in estimating standard errors is generally obtained through the use of replicate weights (see REPWT). SUBSAMP is also used to estimate design factors for selected variables in each IPUMS file from 1880 to 1980 (the Census Bureau provided design factors for the samples from 1990 onward). Design factors allow researchers to account for the sample design effects of clustering and stratification on standard error estimates. For information about the characteristics of the complete samples for each year, from which these subsamples are drawn, see "Sample Designs" and "Sampling Error."
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	38

End Position:	39
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
00	First 1% subsample
01	2nd 1% subsample
02	2
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11
12	12
13	13
14	14
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97	97
98	98
99	99

Variable: "HHWT"

Name:	HHWT
Label:	Household weight
Variable Text:	HHWT indicates how many households in the U.S. population are represented by a given household in an IPUMS sample. 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. Users should also be sure to select one person (e.g., PERNUM = 1) to represent the entire household. For further explanation of the sample weights, see "Sample Designs" and "Sample Weights". 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.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	40
End Position:	49
Width:	10
Variable Format:	numeric
Implied Decimal Places:	2
Coder Instructions:	CodesHHWT 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). User Note: Users should also be sure to select one person (e.g., PERNUM = 1) to represent the entire household when using HHWT. HHWT Specific Variable Codes

Variable: "HHTYPE"

Name:	HHTYPE
Label:	Household Type

Variable Text:	HHTYPE is a constructed variable that mirrors the household type variable that the Census Bureau created in its 2000 PUMS sample (see page 6-37 of the 2000 PUMS codebook). With HHTYPE, the IPUMS creates the variable consistently from 1940 onward. A future version of this variable will provide the same categories for all IPUMS samples. HHTYPE classifies all households as either family or nonfamily households. Family households are distinguished from nonfamily households using RELATE. A family household consists of a household head and one or more persons who are related to the household head by birth, marriage, or adoption and who are living together in the same household. According to the household head's SEX and MARST, family households are classified as either a married-couple family or a family headed by a man/woman without a spouse present. Family households with no spouse present include household heads of all marital statuses except married, spouse present (see MARST). Households where an unmarried partner is present are classified as family households only if there are other persons in the household who are related to the household head by birth, marriage, or adoption. Therefore, households containing only a household head and an unmarried partner are coded as nonfamily households. Nonfamily households are distinguished by the sex of the household head and the presence of other unrelated individuals (including partners) living in the household.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	50
End Position:	50
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0	N/A
1	Married-couple family household
2	Male householder, no wife present
3	Female householder, no husband present
4	Male householder, living alone
5	Male householder, not living alone
6	Female householder, living alone
7	Female householder, not living alone

9	HHTYPE could not be determined

Variable: "CLUSTER"

Name:	CLUSTER
Label:	Household cluster for variance estimation
Variable Text:	CLUSTER is designed for use with STRATA in Taylor series linear approximation for correction of complex sample design characteristics. See the STRATA variable description for more details.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	51
End Position:	63
Width:	13
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesCLUSTER is an 11-digit numeric variable designed for use with STRATA in Taylor series linear approximation for correction of complex sample design characteristics (See the Description of STRATA for more details). CLUSTER 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). CLUSTER Specific Variable Codes

Variable: "REGION"

Name:	REGION
Label:	Census region and division
Variable Text:	REGION identifies the region and division where the housing unit was located. Unless otherwise noted in the comparability discussion, states, or territories that later became states, are recoded into the following 1990 regional and divisional classification system: 1. Northeast Region New England Division: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont Middle Atlantic Division: New Jersey, New York, Pennsylvania 2. Midwest (formerly North Central) Region East North Central Division: Illinois, Indiana, Michigan, Ohio, Wisconsin West North Central Division: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota

	3. South Region South Atlantic Division: Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia East South Central Division: Alabama, Kentucky, Mississippi, Tennessee West South Central Division: Arkansas, Louisiana, Oklahoma/Indian Territory, Texas 4. West Region Mountain Division: Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, Wyoming Pacific Division: Alaska, California, Hawaii, Oregon, Washington 9. State Unknown 1900-1910: overseas military reservations are not identified by state. 1980-1990: to protect confidentiality, state cannot be identified for PUMAs or county groups that cross state boundaries.
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	64
End Position:	65
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
11	New England Division
12	Middle Atlantic Division
13	Mixed Northeast Divisions (1970 Metro)
21	East North Central Div.
22	West North Central Div.
23	Mixed Midwest Divisions (1970 Metro)
31	South Atlantic Division
32	East South Central Div.
33	West South Central Div.
34	Mixed Southern Divisions (1970 Metro)

41	Mountain Division
42	Pacific Division
43	Mixed Western Divisions (1970 Metro)
91	Military/Military reservations
92	PUMA boundaries cross state lines-1% sample
97	State not identified
99	Not identified

Variable: "STATEFIP"

Name:	STATEFIP
Label:	State (FIPS code)
Variable Text:	STATEFIP reports the state in which the household was located, using the Federal Information Processing Standards (FIPS) coding scheme, which orders the states alphabetically. In the 1980 Urban/Rural sample, STATEFIP identifies state groups that are not available in STATEICP; these state groups (codes 61-68) are only available for that particular sample. See "Geographic Coding and Comparability" for more information on the geographic detail available in particular samples.
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	66
End Position:	67
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
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
55	Wisconsin
56	Wyoming
61	Maine-New Hampshire-Vermont
62	Massachusetts-Rhode Island
63	Minnesota-Iowa-Missouri-Kansas-Nebraska-S.Dakota-N.Dakota
64	Maryland-Delaware
65	Montana-Idaho-Wyoming

66	Utah-Nevada
67	Arizona-New Mexico
68	Alaska-Hawaii
72	Puerto Rico
97	Military/Mil. Reservation
99	State not identified

Variable: "COUNTYFIP"

Name:	COUNTYFIP
Label:	County (FIPS code, identifiable counties only)
Variable Text:	IPUMS USA cannot identify most counties in recent samples. COUNTYFIP identifies the county where the household was enumerated, using the Federal Information Processing Standard (FIPS) coding scheme. COUNTYFIP codes are state-dependent; they must be combined with state codes (see STATEFIP or STATEICP) to distinguish counties located in different states. Many county boundaries and some county names have changed over time. IPUMS does not impose a uniform county boundary system on the data, so each county listed for a given year in IPUMS should be assumed to have the boundaries that it had in that year. Counties are not identified in public-use microdata from 1950 onwards, so IPUMS instead identifies counties, where possible, from other low-level geographic identifiers. These include State Economic Areas (SEA) in 1950; county groups in 1970 (CNTYGP97) and 1980 (CNTYGP98); and Public Use Microdata Areas (PUMA) from 1990 onwards, including Super-PUMAs (PUMASUPR) in 2000. In 1950 and later samples, COUNTYFIP identifies a county if and only if: it was coterminous with a single SEA, county group, or PUMA; or it contained multiple SEAs, county groups, or PUMAs, none of which extended into other counties. List of counties identified in 1950 and later samples: Identified Counties, 1950-Forward For municipios, the Puerto Rican statistical equivalent of U.S. counties, see PRCOUNTA (alphabetic version) and PRCOUNTY (numeric version). FIPS codes were first instituted around the time of the 1970 census, so historical counties that were dissolved before then have no FIPS code. COUNTYICP and COUNTYNHG supply codes for the complete history of U.S. county definitions. These alternative variables both use codes based on the 3-digit FIPS scheme with a fourth digit added to distinguish historical counties. Like STATEFIP, COUNTYFIP facilitates merging IPUMS data with data from other sources that use FIPS codes. In multi-year ACS/PRCS samples that span different PUMA definitions, this variable is based on whichever PUMA definition is associated with the respondent's survey year (as given by MULTYEAR). This occurs only in the 2022 5-year samples and in multi-year samples that include both 2011 and 2012 survey years. For more information

	about how PUMA definitions vary within multi-year samples, see the PUMA variable description.
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	68
End Position:	70
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesCOUNTYFIP is a 3-digit numeric variable that identifies the county where the household was enumerated using the Federal Information Processing Standard (FIPS) coding scheme. COUNTYFIP codes are state-dependent; they must be combined with state codes (see STATEFIP or STATEICP) to distinguish counties located in different states. COUNTYFIP codes differ from standard FIPS codes in one case: Dade County, Florida, had FIPS code 025 until its name was changed to Miami-Dade County in 1997, with a new FIPS code of 086. COUNTYFIP assigns a code of 086 to Dade County in all samples to be consistent with the Miami-Dade code in later samples. COUNTYFIP-Specific Variable Code 000 = County not identifiable from public-use data (1950-onward) List of counties identified in 1950 and later samples: Identified Counties, 1950-Forward

Variable: "MET2013"

Name:	MET2013
Label:	Metropolitan area (2013 delineations, identifiable areas only)
Variable Text:	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. 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). MET2013 is available only for 2000 and later samples. For information about variables that provide metro area codes for other samples, see the overview page: IPUMS USA Variables for Metropolitan Areas. Inexact Correspondence with Official Delineations Since 1990, the only sub-state-level geographic information available in public-use census and ACS/PRCS microdata is for PUMAs, areas which occasionally straddle official metro area boundaries. Given this limitation, MET2013 cannot identify the exact set of households residing in every metro area. 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 where the household resided, a majority of

	the PUMA's 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 2020 populations for 2022-2031 ACS and PRCS samples, 2010 populations for 2005-2021 ACS and PRCS samples, and 2000 populations for 2000 samples. For samples that use 2000 PUMA definitions (which includes 2000 samples and ACS/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. In multi-year ACS/PRCS samples that span different PUMA definitions, this variable is based on whichever PUMA definition is associated with the respondent's survey year (as given by MULTYEAR). This occurs only in the 2022 5-year samples and in multi-year samples that include both 2011 and 2012 survey years. For more information about how PUMA definitions vary within multi-year samples, see the PUMA variable description. For detailed information about 2013 MSA delineations and their correspondence with PUMAs, see the 2013 MSA geographic resource page.
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	71
End Position:	75
Width:	5
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
00000	Not in identifiable area
10420	Akron, OH

10540	Albany, OR
10580	Albany-Schenectady-Troy, NY
10740	Albuquerque, NM
10780	Alexandria, LA
10900	Allentown-Bethlehem-Easton, PA-NJ
11020	Altoona, PA
11100	Amarillo, TX
11260	Anchorage, AK
11460	Ann Arbor, MI
11500	Anniston-Oxford-Jacksonville, AL
11700	Asheville, NC
12020	Athens-Clarke County, GA
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
12980	Battle Creek, MI
13140	Beaumont-Port Arthur, TX
13220	Beckley, WV
13380	Bellingham, WA
13460	Bend-Redmond, OR

13740	Billings, MT
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
15680	California-Lexington Park, MD
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
16820	Charlottesville, VA
16860	Chattanooga, TN-GA
16940	Cheyenne, WY
16980	Chicago-Naperville-Elgin, IL-IN-WI
17020	Chico, CA

17140	Cincinnati, OH-KY-IN
17300	Clarksville, TN-KY
17420	Cleveland, TN
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
18700	Corvallis, OR
18880	Crestview-Fort Walton Beach-Destin, FL
19100	Dallas-Fort Worth-Arlington, TX
19300	Daphne-Fairhope-Foley, AL
19340	Davenport-Moline-Rock Island, IA-IL
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
20020	Dothan, AL
20100	Dover, DE
20500	Durham-Chapel Hill, NC
20700	East Stroudsburg, PA

20740	Eau Claire, WI
20940	El Centro, CA
21060	Elizabethtown-Fort Knox, KY
21140	Elkhart-Goshen, IN
21340	El Paso, TX
21500	Erie, PA
21660	Eugene, OR
21780	Evansville, IN-KY
22140	Farmington, NM
22180	Fayetteville, NC
22220	Fayetteville-Springdale-Rogers, AR-MO
22380	Flagstaff, AZ
22420	Flint, MI
22500	Florence, SC
22520	Florence-Muscle Shoals, AL
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
24540	Greeley, CO
24660	Greensboro-High Point, NC

24780	Greenville, NC
24860	Greenville-Anderson-Mauldin, SC
25060	Gulfport-Biloxi-Pascagoula, MS
25220	Hammond, LA
25260	Hanford-Corcoran, CA
25420	Harrisburg-Carlisle, PA
25500	Harrisonburg, VA
25540	Hartford-West Hartford-East Hartford, CT
25620	Hattiesburg, MS
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
27340	Jacksonville, NC
27500	Janesville-Beloit, WI
27620	Jefferson City, MO
27740	Johnson City, TN
27780	Johnstown, PA

27860	Jonesboro, AR
27900	Joplin, MO
28020	Kalamazoo-Portage, MI
28100	Kankakee, IL
28140	Kansas City, MO-KS
28420	Kennewick-Richland, WA
28660	Killeen-Temple, TX
28700	Kingsport-Bristol-Bristol, TN-VA
28940	Knoxville, TN
29100	La Crosse-Onalaska, WI-MN
29180	Lafayette, LA
29200	Lafayette-West Lafayette, IN
29340	Lake Charles, LA
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
30020	Lawton, OK
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
31860	Mankato-North Mankato, MN
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
34580	Mount Vernon-Anacortes, WA
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
37460	Panama City, FL
37620	Parkersburg-Vienna, WV
37860	Pensacola-Ferry Pass-Brent, FL
37900	Peoria, IL
37980	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD

38060	Phoenix-Mesa-Scottsdale, AZ
38300	Pittsburgh, PA
38340	Pittsfield, MA
38660	Ponce, PR
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
41060	St. Cloud, MN
41100	St. George, UT

41140	St. Joseph, MO-KS
41180	St. Louis, MO-IL
41420	Salem, OR
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
44940	Sumter, SC
45060	Syracuse, NY
45220	Tallahassee, FL
45300	Tampa-St. Petersburg-Clearwater, FL
45460	Terre Haute, IN
45540	The Villages, FL
45780	Toledo, OH
45820	Topeka, KS
45940	Trenton, NJ
46060	Tucson, AZ
46140	Tulsa, OK
46220	Tuscaloosa, AL
46340	Tyler, TX
46520	Urban Honolulu, HI
46540	Utica-Rome, NY
46660	Valdosta, GA
46700	Vallejo-Fairfield, CA
47220	Vineland-Bridgeton, NJ
47260	Virginia Beach-Norfolk-Newport News, VA-NC
47300	Visalia-Porterville, CA
47380	Waco, TX
47580	Warner Robins, GA
47900	Washington-Arlington-Alexandria, DC-VA-MD-WV

48140	Wausau, WI
48300	Wenatchee, WA
48620	Wichita, KS
48660	Wichita Falls, TX
48700	Williamsport, PA
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

Variable: "MET2013ERR"

Name:	MET2013ERR
Label:	Coverage error in MET2013 variable
Variable Text:	MET2013ERR identifies the level of mismatch error between each MET2013 code and the corresponding 2013 metropolitan statistical area (MSA). 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). 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). For each reported MET2013 code, MET2013ERR identifies the level of the sum of errors. MET2013 reports no code for MSAs where the sum of match errors is 15% or more. Researchers may use MET2013ERR to impose a more restrictive error limit if desired. To compute match errors, IPUMS uses 2020 populations for 2022-2031 ACS and PRCS samples, 2010 populations for 2005-2021 ACS and PRCS samples, and 2000 populations for 2000 samples. For samples that use 2000 PUMA definitions (which includes the 2000 samples and ACS/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. In multi-year ACS/PRCS samples that span different PUMA definitions, this variable is based on whichever PUMA definition is associated with the respondent's survey year (as given by MULTYEAR). This occurs only in the 2022 5-year samples and in multi-year

	samples that include both 2011 and 2012 survey years. For more information about how PUMA definitions vary within multi-year samples, see the PUMA variable description. For detailed information about 2013 MSA delineations and their correspondence with PUMAs, see the 2013 MSA geographic resource page.
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	76
End Position:	76
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0	Not applicable (no metro area identified)
1	Less than 0.1%
2	0.1 to 0.9%
3	1.0 to 1.9%
4	2.0 to 4.9%
5	5.0 to 9.9%
6	10.0 to 14.9%

Variable: "METPOP10"

Name:	METPOP10
Label:	Average 2010 population of 2013 metro/micro areas in PUMA
Variable Text:	METPOP10 reports the average 2010 population of metro/micro areas in each Public Use Microdata Area (PUMA). Where a PUMA lies entirely within a single metro area, this "average" is simply the metro area's population. Elsewhere, METPOP10 gives an approximation of the typical population size of the commuting systems where PUMA residents live. Specifically, METPOP10 provides the population-weighted geometric mean of the 2010 populations of core-based (metropolitan/micropolitan) statistical areas (CBSAs), using

	the 2013 CBSA delineations of the Office and Management and Budget (OMB). For PUMA residents who live outside of any CBSA, METPOP10 uses county populations to approximate the commuting system population. (For Virginia "independent cities" that lie outside of CBSAs, we combine the populations of the independent cities with the populations of their neighboring counties.) Using a geometric mean corresponds to measuring the average population on a logarithmic scale, which is suitable because CBSA and county populations generally have a log-normal distribution (highly concentrated at the lower end of the distribution with a long positive tail). For such distributions, the geometric mean is appropriately less sensitive to large outliers, more sensitive to variations among small values, and generally closer to the median than is the arithmetic mean. In practical terms, a logarithmic scaling makes sense because a difference between populations of 100,000 and 500,000 is about as significant for the character of a commuting system as any other factor-of-5 difference (e.g., 1 million and 5 million), and it is clearly more significant than an equal absolute difference of 400,000 in large commuting systems (e.g., 10.1 million and 10.5 million). The specific steps to compute METPOP10 are 1) compute the populations of all spatial intersections (i.e., overlaps) between PUMAs and counties, 2) multiply each intersection's population by the logarithm of the population of the encompassing CBSA or noncore county, 3) sum these products for all intersections in each PUMA, 4) divide the sum for each PUMA by the total PUMA population, and 5) exponentiate the results to return to a linear scaling of populations. For a detailed explanation and demonstration of the METPOP10 measure (as well as the DENSITY variable), see: Schroeder, J. and J. Pacas. (2019). Across the rural-urban universe: Two continuous indices of urbanization for U.S. census microdata (No. 2019-5). Minnesota Population Center Working Paper Series.
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	77
End Position:	84
Width:	8
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesMETPOP10 is an 8-digit numeric variable.

Variable: "STRATA"

Name:	STRATA
Label:	Household strata for variance estimation
Variable Text:	STRATA is designed for use with CLUSTER in Taylor series linear approximation for correction of complex sample design characteristics. While appropriate use of the sampling weights PERWT and HHWT allow users to produce correct point estimates (such as means and proportions), many researchers

	believe that additional statistical techniques are also necessary to produce correct standard errors and statistical tests that account for complex sample design. For further information on why and how to use STRATA and CLUSTER, see Analysis and Variance Estimation with the IPUMS . For more details on the mathematics behind this method, see Issues Concerning the Calculation of Standard Errors Using IPUMS Data Products .
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	85
End Position:	96
Width:	12
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesSTRATA is a 12-digit numeric variable designed for use with CLUSTER in Taylor series linear approximation for correction of complex sample design characteristics. While appropriate use of the sampling weights PERWT and HHWT allow users to produce correct point estimates (such as means and proportions), many researchers believe that additional statistical techniques are also necessary to produce correct standard errors and statistical tests that account for complex sample design. STRATA 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). User Note: For further information on why and how to use STRATA and CLUSTER, see Analysis and Variance Estimation with the IPUMS. For more details on the mathematics behind this method, see Issues Concerning the Calculation of Standard Errors Using IPUMS Data Products. STRATA Specific Variable Codes

Variable: "GQ"

Name:	GQ
Label:	Group quarters status
Variable Text:	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 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" for more details about changing definitions of group quarters. Group-quarters types are identified in further detail by GQTYPE and GQFUNDS.
Concept:	Group Quarters Variables -- HOUSEHOLD
Start Position:	97
End Position:	97
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: "NFAMS"

Name:	NFAMS
Label:	Number of families in household
Variable Text:	NFAMS is a constructed variable that counts the number of families within each unit. A "family" is any group of persons related by blood, adoption, or marriage. An unrelated individual is considered a separate family. Thus, a household consisting of a widow and her servant contains two families; a household consisting of a large, multiple-generation extended family with no boarders, lodgers, or servants counts as a single family. The universe for this variable, in the U.S. censuses from 1850 to 1930 and the 1940

	100% dataset is all sample units, which relies on SAMPRULE. Additionally, the universe for this variable in the 1910-1920 Puerto Rican censuses is SAMPRULE not equal to 4.
Concept:	Household Composition Variables -- HOUSEHOLD
Start Position:	98
End Position:	99
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
00	0 families (vacant unit)
01	1 family or N/A
02	2 families
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11
12	12
13	13
14	14

15	15
16	16
17	17
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58	58
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60	60

Variable: "NCOUPLES"

Name:	NCOUPLES
Label:	Number of couples in household
Variable Text:	NCOUPLES is a constructed variable (using SPLOC) that counts the number of married and cohabiting couples within each unit. IPUMS is only able to identify cohabiting in samples 1990 and later. Units with no couples present are coded "0." For persons in households, NCOUPLES indicates the number of identified couples in the household; for persons in group quarters in the period before 1940, NCOUPLES indicates the number of identified couples in any group of related individuals. The universe for this variable from 1850 to 1930 and the 1940 100% dataset is all sample units, which relies on SAMPRULE. Additionally, the universe for this variable in the 1910-1920 Puerto Rican censuses is SAMPRULE not equal to 4.

Concept:	Household Composition Variables -- HOUSEHOLD
Start Position:	100
End Position:	100
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0	0 couples or N/A
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

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 SAMPLE and SERIAL, PERNUM uniquely identifies each person within the IPUMS.
Concept:	Technical Variables -- PERSON

Start Position:	101
End Position:	104
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesPERNUM 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:	PERWT indicates how many persons in the U.S. population are represented by a given person in an IPUMS sample. 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. For further explanation of the sample weights, see "Sample Designs" and "Sample Weights". 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.
Concept:	Technical Variables -- PERSON
Start Position:	105
End Position:	114
Width:	10
Variable Format:	numeric
Implied Decimal Places:	2

Coder Instructions:	CodesPERWT 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). PERWT Specific Variable Codes

Variable: "FAMUNIT"

Name:	FAMUNIT
Label:	Family unit membership
Variable Text:	FAMUNIT indicates to which family within the housing unit each person belongs. If there is only one group of related individuals, all of them will be coded 1; if there is a second, separate such group, all members of that family group will be coded 2, and so on. All persons with a RELATE code less than 1100 are included in FAMUNIT, coded as 1. It is possible for an individual with a RELATE code larger than 1100 to be included in the "primary family" if they are identified as a child or spouse of a primary family member using SPLOC, MOMLOC, or POPLOC. The Census Bureau defines "primary families" as groups of persons related to the head of household, and "primary individuals" as household heads/householders residing without kin. In the IPUMS, primary families and primary individuals are identified in FAMUNIT with a code of 1; each secondary family or secondary individual receives a higher code. Note that IPUMS primary families (FAMUNIT=1) may also include individuals that the Census Bureau does not consider to be in the primary family if they are linked to someone related to the household head by SPLOC, MOMLOC, or POPLOC. For example, IPUMS links unmarried partners of the head to the household head using SPLOC and so these partners will be included in the IPUMS primary family unit, but because they are not related by blood or marriage to the household head, they will not be included in the Census Bureauâ€ s primary family unit. To recreate the Census Bureauâ€ s definition of the primary family, users can select only those individuals in the IPUMS primary family whose RELATE value is less than or equal to 1100. FAMUNIT is not analogous to the Census Bureau concept of "subfamily." People in Census Bureau "subfamilies" are necessarily related to the householder, and they will be included in FAMUNIT, coded as 1.
Concept:	Family Interrelationship Variables -- PERSON
Start Position:	115
End Position:	116
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
Categories	

Value	Label
01	1st family in household or group quarters
02	2nd family in household or group quarters
03	3rd
04	4th
05	5th
06	6th
07	7th
08	8th
09	9th
10	10th
11	11th
12	12th
13	13th
14	14th
15	15th
16	16th
17	17th
18	18th
19	19th
20	20th
21	21th
22	22th
23	23th
24	24th
25	25th

26	26th
27	27th
28	28th
29	29th
30	30th
31	31st
32	32nd
33	33rd
34	34th
35	35th
36	36th
37	37th
38	38th
39	39th
40	40th
41	41st
42	42nd
43	43rd
44	44th
45	45th
46	46th
47	47th
48	48th
49	49th
50	50th
51	51st
52	52nd

53	53rd
54	54th
55	55th
56	56th
57	57th
58	58th
59	59th
60	60th

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/cohabitating partnership, or adoption are coded 1.
Concept:	Family Interrelationship Variables -- PERSON
Start Position:	117
End Position:	118
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
01	1 family member present
02	2 family members present
03	3

04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30

31	31
32	32
33	33
34	34
35	35
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

Variable: "SUBFAM"

Name:	SUBFAM
Label:	Subfamily membership
Variable Text:	SUBFAM indicates to which subfamily (if any) within the housing unit each person belongs. Members of the first subfamily receive a code of 1; members of the second subfamily receive a code of 2; and so on. All individuals who are not part of a subfamily, including all residents of group quarters, receive a code of 0. See NSUBFAM for a household-level variable giving the total number of subfamilies within the household. SUBFAM is analogous to FAMUNIT in that it identifies membership in family units within each household, but the specific family unit measured by each is different. FAMUNIT is coded 1 for all individuals who are related to the household head, whether or not they belong to a subfamily; SUBFAM is coded 0 for household heads; relatives of the household head also have a SUBFAM value of 0 unless they are in a subfamily. Individuals who are unrelated to the head and do not have a spouse or children in the household are put in their own FAMUNIT but have a SUBFAM value of 0. Additionally, in the event that an unrelated individual in a household has only one child in the household and that child has a child of their own, the eldest member of this three-generation family is given a SUBFAM value of 0 and the remaining two related individuals will be designated as their own parent-child subfamily. This is the only instance in which an individual unrelated to the head is not included in a subfamily when they have their own relatives living in the household. For more information on subfamilies and their measurement, see Subfamily Overview.
Concept:	Family Interrelationship Variables -- PERSON
Start Position:	119
End Position:	119
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0	Group quarters or not in subfamily
1	1st subfamily in household

2	2nd subfamily in household
3	3rd
4	4th
5	5th
6	6th
7	7th
8	8th
9	9th

Variable: "SFTYPE"

Name:	SFTYPE
Label:	Subfamily type
Variable Text:	SFTYPE indicates the type of subfamily (if any) to which each person belongs. See SFRELATE for each person's relationship within the subfamily. For more information on subfamilies and their measurement, see the Subfamily Overview page.
Concept:	Family Interrelationship Variables -- PERSON
Start Position:	120
End Position:	120
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0	Group quarters or not in subfamily
1	Married-couple related subfamily with children
2	Married-couple related subfamily without children

3	Father-child related subfamily
4	Mother-child related subfamily
5	Married-couple unrelated subfamily with children
6	Married-couple unrelated subfamily without children
7	Father-child unrelated subfamily
8	Mother-child unrelated subfamily

Variable: "SFRELATE"

Name:	SFRELATE
Label:	Relationship within subfamily
Variable Text:	SFRELATE indicates the relationship of people within their subfamily. Persons not in a subfamily are assigned a value of 0. The Census Bureau assigns a "reference person" to each subfamily. In married-couple subfamilies, this is the husband; in parent-child subfamilies, this is the parent. Reference persons are contained within a single relationship category in SFRELATE, as are all children. All relationships can be further distinguished by using SFTYPE, which identifies the type of subfamily to which each person belongs. When studying subfamily-level characteristics (such as total subfamily income or the number of female-headed subfamilies), users should use the reference person's PERWT. For more information on subfamilies and their measurement, see the Subfamily Overview page.
Concept:	Family Interrelationship Variables -- PERSON
Start Position:	121
End Position:	121
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label

0	Group quarters or not in subfamily
1	Reference person
2	Spouse (married-couple subfamily only)
3	Child

Variable: "CBSUBFAM"

Name:	CBSUBFAM
Label:	Subfamily number (original Census Bureau classification)
Variable Text:	CBSUBFAM reports the subfamily number as originally classified by the Census Bureau. See the IPUMS subfamilies page for more information on subfamilies and their measurement. Unlike the IPUMS analogue SUBFAM, CBSUBFAM is not based on the family interrelationship variables, and it does not identify unrelated subfamilies. Furthermore, the Census Bureau's procedures for identifying subfamilies are known to be unreliable, and only with the more recent ACS data do their procedures appear to yield consistent results. Several people in two-person households in the 1970 samples are mistakenly classified by the Census Bureau as being in subfamily 1--a logical impossibility, since subfamilies cannot exist without at least two people other than the householder. They are correctly coded as not being in a subfamily in the Census Bureau's subfamily relationship (CBSFRELATE) and subfamily type (CBSFTYPE) variables. IPUMS has preserved this original error; users seeking to identify subfamily members in the 1970 samples should not use CBSUBFAM. CBSUBFAM is useful mainly for users attempting to match the Census Bureau's summary files or published estimates; other users--particularly those analyzing change over time--are encouraged to use SUBFAM.
Concept:	Family Interrelationship Variables -- PERSON
Start Position:	122
End Position:	122
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
Categories	

Value	Label
0	Group quarters or not in subfamily
1	1st subfamily in household
2	2nd subfamily in household
3	3rd
4	4th
5	5th

Variable: "CBSFTYPE"

Name:	CBSFTYPE
Label:	Subfamily type (original Census Bureau classification)
Variable Text:	CBSFTYPE reports the type of subfamily as originally classified by the Census Bureau. See the IPUMS subfamilies page for more information on subfamilies and their measurement. Unlike the IPUMS analogue SFTYPE, CBSFTYPE is not based on the family interrelationship variables, and it does not identify unrelated subfamilies. Furthermore, the Census Bureau's procedures for identifying subfamilies are known to be unreliable, and only with the more recent ACS data do their procedures appear to yield consistent results. CBSFTYPE is useful mainly for users attempting to match the Census Bureau's summary files or published estimates; other users--particularly those analyzing change over time--are encouraged to use SFTYPE.
Concept:	Family Interrelationship Variables -- PERSON
Start Position:	123
End Position:	123
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
Categories	

Value	Label
0	Group quarters or not in subfamily
1	Married-couple related subfamily with children
2	Married-couple related subfamily without children
3	Father-child related subfamily
4	Mother-child related subfamily

Variable: "MOMLOC"

Name:	MOMLOC
Label:	Mother's location in the household
Variable Text:	MOMLOC is a constructed variable that indicates whether the person's mother lived in the same household and, if so, gives the person number of the mother (PERNUM). The method by which probable child-mother links are identified is described in MOMRULE for samples from 1970 to present and in MOMRULE_HIST for samples prior to 1970. MOMLOC makes it easy for researchers to link the characteristics of children and their (probable) mothers. In 2017, the family interrelationship variables for samples from 1970 to present were revised to increase comparability across IPUMS projects and include same-sex couples. Many researchers who are familiar with the previous version of family interrelationship variables will find it useful to read a brief overview of the key differences of the New IPUMS Family Interrelationship Variables. On this page you'll find information on how family interrelationship variables are constructed, common uses of these variables, and specific examples of how these variables can be used efficiently. Samples prior to 1970 continue to use the original version of family interrelationship variables. User Caution: MOMLOC identifies social relationships (such as stepmother and adoptive mother) as well as biological relationships. For 1970 and later, MOMLOC will also identify the unmarried partner of a child's father identified with POPLOC If the person identified with MOMLOC has a spouse or partner identified through SPLOC, the spouse or partner will also be identified as a parent through POPLOC (if a different-sex couple) or MOMLOC2 (if a same-sex couple). POPRULE and MOM2RULE will communicate the method through which those relationships are identified. The original version of MOMLOC and other IPUMS pointer variables are available for 1970 to present here.
Concept:	Family Interrelationship Variables -- PERSON
Start Position:	124
End Position:	125

Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	Codes00 = No mother of this person in the household.

Variable: "MOMRULE"

Name:	MOMRULE
Label:	Rule for linking mother (new)
Variable Text:	MOMRULE is a constructed variable that indicates the method by which the probable child-mother link shown in MOMLOC was identified in samples 1970 to present. In 2017, the family interrelationship variables for samples from 1970 to present were revised to increase comparability across IPUMS projects and include same-sex couples. Many researchers who are familiar with the previous version of family interrelationship variables will find it useful to read a brief overview of the key differences of the New IPUMS Family Interrelationship Variables. On this page you'll find information on how family interrelationship variables are constructed, common uses of these variables, and specific examples of how these variables can be used efficiently. Samples prior to 1970 continue to use the original version of family interrelationship variables and the equivalent variable is named MOMRULE_HIST The IPUMS family interrelationship variables (1970 samples to present) address two types of ambiguity when forming links. First, we prioritize links based on how clear the relationship is between the two people being linked. Second, when links are not unique we use a series of logical steps to select between multiple potential parents. MOMRULE, POPRULE, MOM2RULE, and POP2RULE are all two digit variables that show how these two types of ambiguity were addressed when forming a parental link. The first digit indicates how direct the relationship is between the two people and the second digit indicates if the link was selected among multiple options and, if so, how it was selected. We first prioritize links within a household based how clear the relationship is between the two people being linked (using RELATE). The links in the first priority level are direct links, so there are no age restrictions placed on these links. For links in the second priority level, the difference in the age of the "child" half of the link the "parent" half of the link must be 15 to 44 for mothers and 15 to 60 for fathers. For links in the third through fifth level, the same age difference restrictions apply. In addition, third- through fifth-level links only occur when the "child" half of the link is under 22 and is single. The RELATE values below depend on the in-law editing process described here. Direct links: Parental rule value: 1- Child to Householder Householder to Parent Sibling to Parent Spouse to Parent-in-law 2nd level links Parental rule value: 2-

Concept:	Family Interrelationship Variables -- PERSON
Start Position:	126
End Position:	127
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
00	No mother link
11	Direct link, clarity level 1
12	Direct link, clarity level 2
13	Direct link, clarity level 3
14	Direct link, clarity level 4
15	Direct link, clarity level 5
16	Direct link, clarity level 6
17	Direct link, clarity level 7
18	Direct link, clarity level 8
21	Second level link, clarity level 1
22	Second level link, clarity level 2
23	Second level link, clarity level 3
24	Second level link, clarity level 4
25	Second level link, clarity level 5
26	Second level link, clarity level 6
27	Second level link, clarity level 7

28	Second level link, clarity level 8
31	Third level link, clarity level 1
32	Third level link, clarity level 2
33	Third level link, clarity level 3
34	Third level link, clarity level 4
35	Third level link, clarity level 5
36	Third level link, clarity level 6
37	Third level link, clarity level 7
38	Third level link, clarity level 8

Variable: "POPLOC"

Name:	POPLOC
Label:	Father's location in the household
Variable Text:	POPLOC is a constructed variable that indicates whether the person's father lived in the same household and, if so, gives the person number of the father (PERNUM). The method by which probable child-father links are identified is described in POPRULE for samples from 1970 to present and in POPRULE_HIST for samples prior to 1970. POPLOC makes it easy for researchers to link the characteristics of children and their (probable) father. In 2017, the family interrelationship variables for samples from 1970 to present were revised to increase comparability across IPUMS projects and include same-sex couples. Many researchers who are familiar with the previous version of family interrelationship variables will find it useful to read a brief overview of the key differences of the New IPUMS Family Interrelationship Variables. On this page you'll find information on how family interrelationship variables are constructed, common uses of these variables, and specific examples of how these variables can be used efficiently. Samples prior to 1970 continue to use the original version of family interrelationship variables. User Caution: POPLOC identifies social relationships (such as stepfather and adoptive father) as well as biological relationships. For 1970 and later, POPLOC will also identify the unmarried partner of a child's mother identified with MOMLOC If the person identified with POPLOC has a spouse or partner identified through SPLOC, the spouse or partner will also be identified as a parent through MOMLOC (if a different-sex couple) or POPLOC2 (if a same-sex couple). MOMRULE and POP2RULE will communicate the method through which those relationships are identified. The original version of POPLOC and other IPUMS pointer variables are available for 1970 to present here.
Concept:	Family Interrelationship Variables -- PERSON

Start Position:	128
End Position:	129
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	Codes00 = No father of this person in the household.

Variable: "POPRULE"

Name:	POPRULE
Label:	Rule for linking father (new)
Variable Text:	POPRULE is a constructed variable that indicates the method by which the probable child-mother link shown in POPLOC was identified in samples 1970 to present. In 2017, the family interrelationship variables for samples from 1970 to present were revised to increase comparability across IPUMS projects and include same-sex couples. Many researchers who are familiar with the previous version of family interrelationship variables will find it useful to read a brief overview of the key differences of the New IPUMS Family Interrelationship Variables. On this page you'll find information on how family interrelationship variables are constructed, common uses of these variables, and specific examples of how these variables can be used efficiently. Samples prior to 1970 continue to use the original version of family interrelationship variables and the equivalent variable is named POPRULE_HIST The IPUMS family interrelationship variables (1970 samples to present) address two types of ambiguity when forming links. First, we prioritize links based on how clear the relationship is between the two people being linked. Second, when links are not unique we use a series of logical steps to select between multiple potential parents. MOMRULE, POPRULE, MOM2RULE, and POP2RULE are all two digit variables that show how these two types of ambiguity were addressed when forming a parental link. The first digit indicates how direct the relationship is between the two people and the second digit indicates if the link was selected among multiple options and, if so, how it was selected. We first prioritize links within a household based how clear the relationship is between the two people being linked (using RELATE). The links in the first priority level are direct links, so there are no age restrictions placed on these links. For links in the second priority level, the difference in the age of the "child" half of the link the "parent" half of the link must be 15 to 44 for mothers and 15 to 60 for fathers. For links in the third through fifth level, the same age difference restrictions apply. In addition, third- through fifth-level links only occur when the "child" half of the link is under 22 and is single. The RELATE values below depend on the in-law editing process described here. Direct links: Parental rule value: 1- Child to Householder Householder to Parent

	Sibling to Parent Spouse to Parent-in-law 2nd level links Parental rule value: 2-
Concept:	Family Interrelationship Variables -- PERSON
Start Position:	130
End Position:	131
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
00	No father link
11	Direct link, clarity level 1
12	Direct link, clarity level 2
13	Direct link, clarity level 3
14	Direct link, clarity level 4
15	Direct link, clarity level 5
16	Direct link, clarity level 6
17	Direct link, clarity level 7
18	Direct link, clarity level 8
21	Second level link, clarity level 1
22	Second level link, clarity level 2
23	Second level link, clarity level 3
24	Second level link, clarity level 4
25	Second level link, clarity level 5

26	Second level link, clarity level 6
27	Second level link, clarity level 7
28	Second level link, clarity level 8
31	Third level link, clarity level 1
32	Third level link, clarity level 2
33	Third level link, clarity level 3
34	Third level link, clarity level 4
35	Third level link, clarity level 5
36	Third level link, clarity level 6
37	Third level link, clarity level 7
38	Third level link, clarity level 8

Variable: "SPLOC"

Name:	SPLOC
Label:	Spouse's location in household
Variable Text:	SPLOC is a constructed variable that indicates whether the person's spouse lived in the same household and, if so, gives the person number (PERNUM) of the spouse. The method by which probable spouse-spouse links are identified is described in SPRULE for samples from 1970 to present and in SPRULE_HIST for samples prior to 1970. SPLOC makes it easy for researchers to link the characteristics of (probable) spouses. In 2017, the family interrelationship variables for samples from 1970 to present were revised to increase comparability across IPUMS projects and include same-sex couples. Many researchers who are familiar with the previous version of family interrelationship variables will find it useful to read a brief overview of the key differences of the New IPUMS Family Interrelationship Variables. On this page you'll find information on how family interrelationship variables are constructed, common uses of these variables, and specific examples of how these variables can be used efficiently. Samples prior to 1970 continue to use the original version of family interrelationship variables. The previous version of SPLOC and other IPUMS pointer variables are available here.
Concept:	Family Interrelationship Variables -- PERSON
Start Position:	132
End Position:	133

Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	Codes00 = No spouse of this person present in household.

Variable: "SPRULE"

Name:	SPRULE
Label:	Rule for linking spouse or partner (new)
Variable Text:	SPRULE is a constructed variable that indicates the method by which the probable spouse/partner link shown in SPLOC was identified in samples 1970 to present. In 2017, the family interrelationship variables for samples from 1970 to present were revised to increase comparability across IPUMS projects and include same-sex couples. Many researchers who are familiar with the previous version of family interrelationship variables will find it useful to read a brief overview of the key differences of the New IPUMS Family Interrelationship Variables. On this page you'll find information on how family interrelationship variables are constructed, common uses of these variables, and specific examples of how these variables can be used efficiently. Samples prior to 1970 continue to use the original version of family interrelationship variables and the equivalent variable is named SPRULE_HIST The IPUMS family interrelationship variables (1970 samples to present) address two types of ambiguity when forming links. First, we prioritize links based on how clear the relationship is between the two people being linked. Second, we use a series of logical steps to select between multiple potential spouses. SPRULE is a two digit variables that show how these two types of ambiguity were addressed when forming a spousal link. The first digit indicates how direct the relationship is between the two people and the second digit indicates if the link was selected among multiple options and, if so, how it was selected. We first prioritize links within a household based how clear the relationship is between the two people being linked (using RELATE). The priority of the link is captured in the first digit of SPRULE. Except for links between a householder and an unmarried partner, a person must be "married" according to MARST in order to have a non-zero value for SPLOC. The RELATE values below depend on the in-law editing process described here. Direct links: Spouse rule value: 1- Householder to Spouse Parent to Parent Child to Child-in-law Sibling to Sibling-in-law Aunt/Uncle to Aunt/Uncle Parent-in-law to Parent-in-law

	Housemate to Housemate Roomer to Roomer Non-relative to Non-relative Child to Child-in-law Partner/friend to Partner/friend Partner/roommate to Partner/roommate Roomer/boarder to Roomer/boarder 2nd level links Spouse rule value: 2-
Concept:	Family Interrelationship Variables -- PERSON
Start Position:	134
End Position:	135
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
00	No spouse or partner link
11	Direct link, clarity level 1
12	Direct link, clarity level 2
13	Direct link, clarity level 3
14	Direct link, clarity level 4
21	Second level link, clarity level 1
22	Second level link, clarity level 2
23	Second level link, clarity level 3
24	Second level link, clarity level 4
31	Third level link, clarity level 1

32	Third level link, clarity level 2
33	Third level link, clarity level 3
34	Third level link, clarity level 4
41	Fourth level link, clarity level 1
42	Fourth level link, clarity level 2
43	Fourth level link, clarity level 3
44	Fourth level link, clarity level 4
51	Fifth level link, clarity level 1
52	Fifth level link, clarity level 2
53	Fifth level link, clarity level 3
54	Fifth level link, clarity level 4

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:	136
End Position:	136
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label

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

Variable: "RELATE"

Name:	RELATE
Label:	Relationship to household head [general version]
Variable Text:	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. 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. 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.
Concept:	Demographic Variables -- PERSON
Start Position:	137
End Position:	138
Width:	2
Variable Format:	numeric

Implied Decimal Places:	0

Categories

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
11	Partner, friend, visitor
12	Other non-relatives
13	Institutional inmates

Variable: "RELATED"

Name:	RELATED
Label:	Relationship to household head [detailed version]
Variable Text:	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. 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. 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.
Concept:	Demographic Variables -- PERSON
Start Position:	139
End Position:	142
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
1031	Nephew, Niece
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
1100	Partner, Friend, Visitor
1110	Partner/friend
1111	Friend
1112	Partner
1113	Partner/roommate
1114	Unmarried Partner

1115	Housemate/Roomate
1120	Relative of partner
1130	Concubine/Mistress
1131	Visitor
1132	Companion and family of companion
1139	Allocated partner/friend/visitor
1200	Other non-relatives
1201	Roomers/boarders/lodgers
1202	Boarders
1203	Lodgers
1204	Roomer
1205	Tenant
1206	Foster child
1210	Employees:
1211	Servant
1212	Housekeeper
1213	Maid
1214	Cook
1215	Nurse
1216	Other probable domestic employee
1217	Other employee
1219	Relative of employee
1221	Military
1222	Students
1223	Members of religious orders
1230	Other non-relatives
1239	Allocated other non-relative

1240	Roomers/boarders/lodgers and foster children
1241	Roomers/boarders/lodgers
1242	Foster children
1250	Employees
1251	Domestic employees
1252	Non-domestic employees
1253	Relative of employee
1260	Other non-relatives (1990 includes employees)
1270	Non-inmate 1990
1281	Head of group quarters
1282	Employees of group quarters
1283	Relative of head, staff, or employee group quarters
1284	Other non-inmate 1940-1959
1291	Military
1292	College dormitories
1293	Residents of rooming houses
1294	Other non-inmate 1980 (includes employees and non-inmates in
1295	Other non-inmates 1960-1970 (includes employees)
1296	Non-inmates in institutions
1301	Institutional inmates
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:	143
End Position:	143
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
1	Male
2	Female
9	Missing/blank

Variable: "AGE"

Name:	AGE
Label:	Age
Variable Text:	AGE reports the person's age in years as of the last birthday. Please see the Comparability section regarding a known Universe issue with AGE and AGEORIG which effects EMPSTAT and LABFORCE for the 2004 ACS Sample.
Concept:	Demographic Variables -- PERSON
Start Position:	144
End Position:	146
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0

Categories

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

024	24
025	25
026	26
027	27
028	28
029	29
030	30
031	31
032	32
033	33
034	34
035	35
036	36
037	37
038	38
039	39
040	40
041	41
042	42
043	43
044	44
045	45
046	46
047	47
048	48
049	49
050	50

051	51
052	52
053	53
054	54
055	55
056	56
057	57
058	58
059	59
060	60
061	61
062	62
063	63
064	64
065	65
066	66
067	67
068	68
069	69
070	70
071	71
072	72
073	73
074	74
075	75
076	76
077	77

078	78
079	79
080	80
081	81
082	82
083	83
084	84
085	85
086	86
087	87
088	88
089	89
090	90 (90+ in 1980 and 1990)
091	91
092	92
093	93
094	94
095	95
096	96
097	97
098	98
099	99
100	100 (100+ in 1960-1970)
101	101
102	102
103	103
104	104

105	105
106	106
107	107
108	108
109	109
110	110
111	111
112	112 (112+ in the 1980 internal data)
113	113
114	114
115	115 (115+ in the 1990 internal data)
116	116
117	117
118	118
119	119
120	120
121	121
122	122
123	123
124	124
125	125
126	126
127	127
128	128
129	129
130	130
131	131

132	132
133	133
134	134
135	135
140	140
999	Missing

Variable: "BIRTHQTR"

Name:	BIRTHQTR
Label:	Quarter of birth
Variable Text:	BIRTHQTR reports the person's quarter of birth (January-March, April-June, July-September, or October-December).
Concept:	Demographic Variables -- PERSON
Start Position:	147
End Position:	147
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0	N/A
1	Jan-Feb-March
2	April-May-June
3	July-Aug-Sept
4	Oct-Nov-Dec
9	Missing

Variable: "MARST"

Name:	MARST
Label:	Marital status
Variable Text:	MARST gives each person's current marital status.
Concept:	Demographic Variables -- PERSON
Start Position:	148
End Position:	148
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
1	Married, spouse present
2	Married, spouse absent
3	Separated
4	Divorced
5	Widowed
6	Never married/single
9	Blank, missing

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:	149

End Position:	152
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesBIRTHYR 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). User Note: Researchers should use this variable with caution (See Comparability) BIRTHYR Specific Variable Codes 9996 = not classified 9997 = illegible 9998 = unknown 9999 = missing/blank

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:	153
End Position:	153
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0	N/A

1	No
2	Yes
8	Suppressed

Variable: "RACE"

Name:	RACE
Label:	Race [general version]
Variable Text:	The concept of race has changed over the more than 150 years represented in 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. With the exception of the 1970-1990 Puerto Rican censuses, RACE was asked of every person in all years. 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. Beginning in 2020, the Census Bureau updated the questionnaire text, processing, and coding of the race and Hispanic origin questions, resulting in major changes to the distribution of race and Hispanic origin categories. As a result, users should proceed with caution when comparing RACE and HISPAN in 2019-prior samples with 2020-onward samples. More improvements made to the race question in 2020 were implemented in 2023. See the comparability tab for more details. 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 RACHSING. RACHSING codes race and Hispanic origin responses into a simple, historically compatible scheme that includes only federally defined race and Hispanic origin groups. Please note that RACESING, an earlier version of RACHSING, is also available on the IPUMS website. 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. 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:	154
End Position:	154

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

Categories

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

Variable: "RACED"

Name:	RACED
Label:	Race [detailed version]
Variable Text:	The concept of race has changed over the more than 150 years represented in 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. With the exception of the 1970-1990 Puerto Rican censuses, RACE was asked of every person in all years. 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. Beginning in 2020, the Census Bureau updated the questionnaire text, processing, and coding of the race and Hispanic origin questions, resulting in major changes to the distribution of race and Hispanic origin categories. As a result, users should proceed with caution when comparing RACE and HISPAN in 2019-prior samples with 2020-onward samples. More improvements made to the race question in 2020 were implemented in 2023. See the comparability tab for more details. 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 RACHSING.

	RACHSING codes race and Hispanic origin responses into a simple, historically compatible scheme that includes only federally defined race and Hispanic origin groups. Please note that RACESING, an earlier version of RACHSING, is also available on the IPUMS website. 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. 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:	155
End Position:	157
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
100	White
110	Spanish write_in
120	Blank (white) (1850)
130	Portuguese
140	Mexican (1930)
150	Puerto Rican (1910 Hawaii)
200	Black/African American
210	Mulatto

300	American Indian/Alaska Native
302	Apache
303	Blackfoot
304	Cherokee
305	Cheyenne
306	Chickasaw
307	Chippewa
308	Choctaw
309	Comanche
310	Creek
311	Crow
312	Iroquois
313	Kiowa
314	Lumbee
315	Navajo
316	Osage
317	Paiute
318	Pima
319	Potawatomi
320	Pueblo
321	Seminole
322	Shoshone
323	Sioux
324	Tlingit (Tlingit_Haida, 2000/ACS)
325	Tohono O Odham
326	All other tribes (1990)
328	Hopi

329	Central American Indian
330	Spanish American Indian
340	Aztec
341	Inca
342	Maya
343	Mixtec
344	Taino
345	Tarasco (Purepecha)
350	Delaware
351	Latin American Indian
352	Puget Sound Salish
353	Yakama
354	Yaqui
355	Colville
356	Houma
357	Menominee
358	Yuman
359	South American Indian
360	Mexican American Indian
361	Other Amer. Indian tribe (2000,ACS)
362	2+ Amer. Indian tribes (2000,ACS)
363	American Indian alone, not specified
364	All other Latin American Indian alone
370	Alaskan Athabaskan
371	Aleut
372	Eskimo
373	Alaskan mixed

374	Inupiat
375	Yup'ik
379	Other Alaska Native tribe(s) (2000,ACS)
380	Alaska Native alone, not specified
381	Alaska Native tribes and villages alone
398	Both Am. Ind. and Alaska Native (2000,ACS)
399	Tribe not specified
400	Chinese
410	Taiwanese
420	Chinese and Taiwanese
500	Japanese
600	Filipino
610	Asian Indian (Hindu 1920_1940)
620	Korean
630	Hawaiian
631	Hawaiian and Asian (1900,1920)
632	Hawaiian and European (1900,1920)
634	Hawaiian mixed
640	Vietnamese
641	Bhutanese
642	Mongolian
643	Nepalese
650	Other Asian or Pacific Islander (1920,1980)
651	Asian only (CPS)
652	Pacific Islander only (CPS)
653	Asian or Pacific Islander, n.s. (1990 Internal Census files)
656	Mien

657	Sikh
658	Kazakh
659	Uzbek
660	Cambodian
661	Hmong
662	Laotian
663	Thai
664	Bangladeshi
665	Burmese
666	Indonesian
667	Malaysian
668	Okinawan
669	Pakistani
670	Sri Lankan
671	Other Asian, n.e.c.
672	Asian, not specified
673	Chinese and Japanese
674	Chinese and Filipino
675	Chinese and Vietnamese
676	Chinese and Asian write_in
677	Japanese and Filipino
678	Asian Indian and Asian write_in
679	Other Asian race combinations
680	Samoan
681	Tahitian
682	Tongan
683	Other Polynesian (1990)

684	1+ other Polynesian races (2000,ACS)
685	Chamorro
686	Northern Mariana Islander
687	Palauan
688	Other Micronesian (1990)
689	1+ other Micronesian races (2000,ACS)
690	Chuukese
691	Guamanian
692	Marshallese
695	Fijian
696	Other Melanesian (1990)
697	1+ other Melanesian races (2000,ACS)
698	2+ PI races from 2+ PI regions
699	Pacific Islander, n.s.
700	Other race, n.e.c.
801	White and Black
802	White and AIAN
810	White and Asian
811	White and Chinese
812	White and Japanese
813	White and Filipino
814	White and Asian Indian
815	White and Korean
816	White and Vietnamese
817	White and Asian write_in
818	White and other Asian race(s)
819	White and two or more Asian groups

820	White and PI
821	White and Native Hawaiian
822	White and Samoan
823	White and Chamorro
824	White and PI write_in
825	White and other PI race(s)
826	White and other race write_in
827	White and other race, n.e.c.
830	Black and AIAN
831	Black and Asian
832	Black and Chinese
833	Black and Japanese
834	Black and Filipino
835	Black and Asian Indian
836	Black and Korean
837	Black and Asian write_in
838	Black and other Asian race(s)
840	Black and PI
841	Black and PI write_in
842	Black and other PI race(s)
845	Black and other race write_in
850	AIAN and Asian
851	AIAN and Filipino (2000 1%)
852	AIAN and Asian Indian
853	AIAN and Asian write_in (2000 1%)
854	AIAN and other Asian race(s)
855	AIAN and PI

856	AIAN and other race write_in
860	Asian and PI
861	Chinese and Hawaiian
862	Chinese, Filipino, Hawaiian (2000 1%)
863	Japanese and Hawaiian (2000 1%)
864	Filipino and Hawaiian
865	Filipino and PI write_in
866	Asian Indian and PI write_in (2000 1%)
867	Asian write_in and PI write_in
868	Other Asian race(s) and PI race(s)
869	Japanese and Korean (ACS)
880	Asian and other race write_in
881	Chinese and other race write_in
882	Japanese and other race write_in
883	Filipino and other race write_in
884	Asian Indian and other race write_in
885	Asian write_in and other race write_in
886	Other Asian race(s) and other race write_in
887	Chinese and Korean
890	PI and other race write_in:
891	PI write_in and other race write_in
892	Other PI race(s) and other race write_in
893	Native Hawaiian or PI other race(s)
899	API and other race write_in
901	White, Black, AIAN
902	White, Black, Asian
903	White, Black, PI

904	White, Black, other race write_in
905	White, AIAN, Asian
906	White, AIAN, PI
907	White, AIAN, other race write_in
910	White, Asian, PI
911	White, Chinese, Hawaiian
912	White, Chinese, Filipino, Hawaiian (2000 1%)
913	White, Japanese, Hawaiian (2000 1%)
914	White, Filipino, Hawaiian
915	Other White, Asian race(s), PI race(s)
916	White, AIAN and Filipino
917	White, Black, and Filipino
920	White, Asian, other race write_in
921	White, Filipino, other race write_in (2000 1%)
922	White, Asian write_in, other race write_in (2000 1%)
923	Other White, Asian race(s), other race write_in (2000 1%)
925	White, PI, other race write_in
926	White and Japanese and Native Hawaiian and Pacific Islander
927	White and Asian and Native Hawaiian and Pacific Islander
930	Black, AIAN, Asian
931	Black, AIAN, PI
932	Black, AIAN, other race write_in
933	Black, Asian, PI
934	Black, Asian, other race write_in
935	Black, PI, other race write_in
936	Black and Native Hawaiian and Other Pacific Islander
940	AIAN, Asian, PI

941	AIAN, Asian, other race write_in
942	AIAN, PI, other race write_in
943	Asian, PI, other race write_in
944	Asian (Chinese, Japanese, Korean, Vietnamese); and Native Hawaiian or PI; and Other
949	2 or 3 races (CPS)
950	White, Black, AIAN, Asian
951	White, Black, AIAN, PI
952	White, Black, AIAN, other race write_in
953	White, Black, Asian, PI
954	White, Black, Asian, other race write_in
955	White, Black, PI, other race write_in
960	White, AIAN, Asian, PI
961	White, AIAN, Asian, other race write_in
962	White, AIAN, PI, other race write_in
963	White, Asian, PI, other race write_in
964	White, Chinese, Japanese, Native Hawaiian
970	Black, AIAN, Asian, PI
971	Black, AIAN, Asian, other race write_in
972	Black, AIAN, PI, other race write_in
973	Black, Asian, PI, other race write_in
974	AIAN, Asian, PI, other race write_in
975	AIAN, Asian, PI, Hawaiian other race write_in
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
980	White, Black, AIAN, Asian, PI
981	White, Black, AIAN, Asian, other race write_in
982	White, Black, AIAN, PI, other race write_in
983	White, Black, Asian, PI, other race write_in

984	White, AIAN, Asian, PI, other race write_in
985	Black, AIAN, Asian, PI, other race write_in
986	Black, AIAN, Asian, PI, Hawaiian, other race write_in
989	4 or 5 races (CPS)
990	White, Black, AIAN, Asian, PI, other race write_in
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
996	2+ races, n.e.c. (CPS)
997	Unknown

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. In 2020, the Census Bureau updated the questionnaire text, processing, and coding of the race and Hispanic origin questions, resulting in major changes to the distribution of race and Hispanic origin categories. As a result, users should proceed with caution when comparing HISPAN and RACE in 2019-prior samples with 2020-onward samples. See the comparability tab for more details.
Concept:	Race, Ethnicity, and Nativity Variables -- PERSON
Start Position:	158
End Position:	158
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 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. In 2020, the Census Bureau updated the questionnaire text, processing, and coding of the race and Hispanic origin questions, resulting in major changes to the distribution of race and Hispanic origin categories. As a result, users should proceed with caution when comparing HISPAN and RACE in 2019-prior samples with 2020-onward samples. See the comparability tab for more details.
Concept:	Race, Ethnicity, and Nativity Variables -- PERSON
Start Position:	159
End Position:	161
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:	162
End Position:	164
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
001	Alabama
002	Alaska
004	Arizona
005	Arkansas
006	California
008	Colorado

009	Connecticut
010	Delaware
011	District of Columbia
012	Florida
013	Georgia
015	Hawaii
016	Idaho
017	Illinois
018	Indiana
019	Iowa
020	Kansas
021	Kentucky
022	Louisiana
023	Maine
024	Maryland
025	Massachusetts
026	Michigan
027	Minnesota
028	Mississippi
029	Missouri
030	Montana
031	Nebraska
032	Nevada
033	New Hampshire
034	New Jersey
035	New Mexico
036	New York

037	North Carolina
038	North Dakota
039	Ohio
040	Oklahoma
041	Oregon
042	Pennsylvania
044	Rhode Island
045	South Carolina
046	South Dakota
047	Tennessee
048	Texas
049	Utah
050	Vermont
051	Virginia
053	Washington
054	West Virginia
055	Wisconsin
056	Wyoming
090	Native American
099	United States, ns
100	American Samoa
105	Guam
110	Puerto Rico
115	U.S. Virgin Islands
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
454	Hungary
455	Poland
456	Romania
457	Yugoslavia
458	Central Europe, ns
459	Eastern Europe, ns
460	Estonia
461	Latvia
462	Lithuania
463	Baltic States, ns
465	Other USSR/Russia

499	Europe, ns
500	China
501	Japan
502	Korea
509	East Asia, ns
510	Brunei
511	Cambodia (Kampuchea)
512	Indonesia
513	Laos
514	Malaysia
515	Philippines
516	Singapore
517	Thailand
518	Vietnam
519	Southeast Asia, ns
520	Afghanistan
521	India
522	Iran
523	Maldives
524	Nepal
530	Bahrain
531	Cyprus
532	Iraq
533	Iraq/Saudi Arabia
534	Israel/Palestine
535	Jordan
536	Kuwait

537	Lebanon
538	Oman
539	Qatar
540	Saudi Arabia
541	Syria
542	Turkey
543	United Arab Emirates
544	Yemen Arab Republic (North)
545	Yemen, PDR (South)
546	Persian Gulf States, n.s.
547	Middle East, ns
548	Southwest Asia, nec/ns
549	Asia Minor, ns
550	South Asia, nec
599	Asia, nec/ns
600	AFRICA
700	Australia and New Zealand
710	Pacific Islands
800	Antarctica, ns/nec
900	Abroad (unknown) or at sea
950	Other n.e.c.
997	Unknown
999	Missing/blank

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:	165
End Position:	169
Width:	5
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
00100	Alabama
00200	Alaska
00400	Arizona
00500	Arkansas
00600	California
00800	Colorado
00810	Colorado Territory
00900	Connecticut
01000	Delaware
01100	District of Columbia
01200	Florida
01300	Georgia
01500	Hawaii
01600	Idaho
01610	Idaho Territory
01700	Illinois

01800	Indiana
01900	Iowa
02000	Kansas
02100	Kentucky
02200	Louisiana
02300	Maine
02400	Maryland
02500	Massachusetts
02600	Michigan
02700	Minnesota
02710	Minnesota Territory
02800	Mississippi
02900	Missouri
03000	Montana
03010	Montana Territory
03100	Nebraska
03110	Nebraska Territory
03200	Nevada
03210	Nevada Territory
03300	New Hampshire
03400	New Jersey
03500	New Mexico
03510	New Mexico Territory
03600	New York
03700	North Carolina
03800	North Dakota
03900	Ohio

04000	Oklahoma
04010	Indian Territory
04100	Oregon
04200	Pennsylvania
04400	Rhode Island
04500	South Carolina
04600	South Dakota
04610	Dakota Territory
04700	Tennessee
04800	Texas
04900	Utah
04910	Utah Territory
05000	Vermont
05100	Virginia
05300	Washington
05310	Washington Territory
05400	West Virginia
05500	Wisconsin
05600	Wyoming
05610	Wyoming Territory
09000	Native American
09900	United States, ns
10000	American Samoa
10010	Samoa, 1940-1950
10500	Guam
11000	Puerto Rico
11500	U.S. Virgin Islands

11510	St. Croix
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
12056	Canton and Enderbury Island
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
45326	Schwarzburg
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
45345	Mecklenburg
45346	Saxony
45347	Thuringian States
45348	Sachsen-Meiningen
45349	Sachsen-Weimar-Eisenach
45350	Probable Saxony
45351	Schwerin
45352	Strelitz
45353	Probably Thuringian States
45360	Prussia, nec
45361	Hohenzollern
45362	Niedersachsen
45400	Hungary
45500	Poland
45510	Austrian Poland
45511	Galicia
45520	German Poland
45521	East Prussia
45522	Pomerania
45523	Posen

45524	Prussian Poland
45525	Silesia
45526	West Prussia
45530	Russian Poland
45600	Romania
45610	Transylvania
45700	Yugoslavia
45710	Croatia
45720	Montenegro
45730	Serbia
45740	Bosnia
45750	Dalmatia
45760	Slovonia
45770	Carniola
45780	Slovenia
45790	Kosovo
45800	Central Europe, ns
45900	Eastern Europe, ns
46000	Estonia
46100	Latvia
46200	Lithuania
46300	Baltic States, ns
46500	Other USSR/Russia
46510	Byelorussia
46520	Moldavia
46521	Bessarabia
46530	Ukraine

46540	Armenia
46541	Azerbaijan
46542	Republic of Georgia
46543	Kazakhstan
46544	Kirghizia
46545	Tadzhik
46546	Turkmenistan
46547	Uzbekistan
46548	Siberia
46590	USSR, ns
49900	Europe, ns.
50000	China
50010	Hong Kong
50020	Macau
50030	Mongolia
50040	Taiwan
50100	Japan
50200	Korea
50210	North Korea
50220	South Korea
50900	East Asia, ns
51000	Brunei
51100	Cambodia (Kampuchea)
51200	Indonesia
51210	East Indies
51220	East Timor
51300	Laos

51400	Malaysia
51500	Philippines
51600	Singapore
51700	Thailand
51800	Vietnam
51900	Southeast Asia, ns
51910	Indochina, ns
52000	Afghanistan
52100	India
52110	Bangladesh
52120	Bhutan
52130	Burma (Myanmar)
52140	Pakistan
52150	Sri Lanka (Ceylon)
52200	Iran
52300	Maldives
52400	Nepal
53000	Bahrain
53100	Cyprus
53200	Iraq
53210	Mesopotamia
53300	Iraq/Saudi Arabia
53400	Israel/Palestine
53410	Gaza Strip
53420	Palestine
53430	West Bank
53440	Israel

53500	Jordan
53600	Kuwait
53700	Lebanon
53800	Oman
53900	Qatar
54000	Saudi Arabia
54100	Syria
54200	Turkey
54210	European Turkey
54220	Asian Turkey
54300	United Arab Emirates
54400	Yemen Arab Republic (North)
54500	Yemen, PDR (South)
54600	Persian Gulf States, ns
54700	Middle East, ns
54800	Southwest Asia, nec/ns
54900	Asia Minor, ns
55000	South Asia, nec
59900	Asia, nec/ns
60000	Africa
60010	Northern Africa
60011	Algeria
60012	Egypt/United Arab Rep.
60013	Libya
60014	Morocco
60015	Sudan
60016	Tunisia

60017	Western Sahara
60019	North Africa, ns
60020	Benin
60021	Burkina Faso
60022	Gambia
60023	Ghana
60024	Guinea
60025	Guinea-Bissau
60026	Ivory Coast
60027	Liberia
60028	Mali
60029	Mauritania
60030	Niger
60031	Nigeria
60032	Senegal
60033	Sierra Leone
60034	Togo
60038	Western Africa, ns
60039	French West Africa, ns
60040	British Indian Ocean Territory
60041	Burundi
60042	Comoros
60043	Djibouti
60044	Ethiopia
60045	Kenya
60046	Madagascar
60047	Malawi

60048	Mauritius
60049	Mozambique
60050	Reunion
60051	Rwanda
60052	Seychelles
60053	Somalia
60054	Tanzania
60055	Uganda
60056	Zambia
60057	Zimbabwe
60058	Bassas de India
60059	Europa
60060	Gloriosos
60061	Juan de Nova
60062	Mayotte
60063	Tromelin
60064	Eastern Africa, nec/ns
60065	Eritrea
60066	South Sudan
60070	Central Africa
60071	Angola
60072	Cameroon
60073	Central African Republic
60074	Chad
60075	Congo
60076	Equatorial Guinea
60077	Gabon

60078	Sao Tome and Principe
60079	Zaire
60080	Central Africa, ns
60081	Equatorial Africa, ns
60082	French Equatorial Africa, ns
60090	Southern Africa
60091	Botswana
60092	Lesotho
60093	Namibia
60094	South Africa (Union of)
60095	Swaziland
60096	Southern Africa, ns
60099	Africa, ns/nec
70000	Australia and New Zealand
70010	Australia
70011	Ashmore and Cartier Islands
70012	Coral Sea Islands Territory
70013	Christmas Island
70014	Cocos Islands
70020	New Zealand
71000	Pacific Islands
71010	New Caledonia
71012	Papua New Guinea
71013	Solomon Islands
71014	Vanuatu (New Hebrides)
71015	Fiji
71016	Melanesia, ns

71017	Norfolk Islands
71018	Niue
71020	Cook Islands
71022	French Polynesia
71023	Tonga
71024	Wallis and Futuna Islands
71025	Western Samoa
71026	Pitcairn Island
71027	Tokelau
71028	Tuvalu
71029	Polynesia, ns
71032	Kiribati
71033	Canton and Enderbury
71034	Nauru
71039	Micronesia, ns
71040	US Pacific Trust Territories
71041	Marshall Islands
71042	Micronesia
71043	Kosrae
71044	Pohnpei
71045	Truk
71046	Yap
71047	Northern Mariana Islands
71048	Palau
71049	Pacific Trust Terr, ns
71050	Clipperton Island
71090	Oceania, ns/nec

80000	Antarctica, ns/nec
80010	Bouvet Islands
80020	British Antarctic Terr.
80030	Dronning Maud Land
80040	French Southern and Antarctic Lands
80050	Heard and McDonald Islands
90000	Abroad (unknown) or at sea
90010	Abroad, ns
90011	Abroad (US citizen)
90020	At sea
90021	At sea (US citizen)
90022	At sea or abroad (U.S. citizen)
95000	Other n.e.c.
99700	Unknown
99900	Missing/blank

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:	170
End Position:	171
Width:	2
Variable Format:	numeric
Implied Decimal	0

Places:	

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
09	Scandinavian
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
30	Other Persian dialects
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

51	Other East/Southeast Asian
52	Indonesian
53	Other Malayan
54	Filipino, Tagalog
55	Micronesian, Polynesian
56	Hawaiian
57	Arabic
58	Near East Arabic dialect
59	Hebrew, Israeli
60	Amharic, Ethiopian, etc.
61	Hamitic
62	Other Afro-Asiatic languages
63	Sub-Saharan Africa
64	African, n.s.
70	American Indian (all)
71	Aleut, Eskimo
72	Algonquian
73	Salish, Flathead
74	Athapascan
75	Navajo
76	Penutian-Sahaptin
77	Other Penutian
78	Zuni
79	Yuman
80	Other Hokan languages
81	Siouan languages
82	Muskogean

83	Keres
84	Iroquoian
85	Caddoan
86	Shoshonean/Hopi
87	Pima, Papago
88	Yaqui and other Sonoran, nec
89	Aztecan, Nahuatl, Uto-Aztecan
90	Tanoan languages
91	Other Indian languages
92	Mayan languages
93	American Indian, n.s.
94	Native
95	No language
96	Other or not reported
99	Not reported, blank

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:	172
End Position:	175
Width:	4
Variable Format:	numeric
Implied Decimal	0

Places:

Categories

Value	Label
0000	N/A or blank
0100	English
0110	Jamaican Creole
0120	Krio, Pidgin Krio
0130	Hawaiian Pidgin
0140	Pidgin
0150	Gullah, Geechee
0160	Saramacca
0170	Other English-based Creole languages
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
0450	Belgian, Flemish
0460	Belgian

0470	Flemish
0500	Swedish
0600	Danish
0700	Norwegian
0800	Icelandic
0810	Faroese
0900	Scandinavian
1000	Italian
1010	Rhaeto-Romanic, Ladin
1020	Friulian
1030	Romansh
1100	French
1110	French, Walloon
1120	Provencal
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
1320	Cape Verdean Creole
1400	Rumanian
1500	Celtic

1510	Welsh, Breton, Cornish
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
1811	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
2321	Bosnian
2330	Dalmatian, Montenegrin
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
2920	Dari
3000	Other Persian dialects
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
3104	Other Indo-Iranian languages
3110	Other Indo-Aryan
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
3511	Estonian
3520	Lapp, Inari, Kola, Lule, Pite, Ruija, Skolt, Ume
3521	Lappish
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
4310	Other Chinese
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
4430	Iu Mien
4500	Burmese, Lisu, Lolo
4510	Karen
4520	Chin languages
4600	Kachin
4700	Thai, Siamese, Lao
4710	Thai
4720	Laotian
4800	Japanese

4900	Korean
5000	Vietnamese
5100	Other East/Southeast Asian
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
5300	Other Malayan
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
5500	Micronesian, Polynesian
5501	Micronesian
5502	Carolinian
5503	Chamorro, Guamanian
5504	Gilbertese
5505	Kusaiean
5506	Marshallese
5507	Mokilese
5508	Mortlockese
5509	Nauruan
5510	Ponapean
5511	Trukese
5512	Ulithean, Fais
5513	Woleai-Ulithi
5514	Yapese
5520	Melanesian
5521	Polynesian
5522	Samoan
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
5710	Algerian, Moroccan, Tunisian
5720	Egyptian
5730	Iraqi
5740	Libyan
5750	Maltese
5800	Near East Arabic dialect
5810	Syriac, Aramaic, Chaldean
5820	Syrian
5900	Hebrew, Israeli
6000	Amharic, Ethiopian, etc.
6100	Hamitic
6110	Berber
6120	Chadic, Hamitic, Hausa
6130	Cushite, Beja, Somali
6200	Other Afro-Asiatic languages
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
6320	Eastern Sudanic and Khoisan
6321	Niger-Congo regions (many subheads)
6322	Congo, Kongo, Luba, Ruanda, Rundi, Santali, Swahili
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, Innuit
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 dAlene, 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	Athapascan
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 Athapascan
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 Athapascan-Eyak, Cahto, Mattole, Wailaki
7490	Other Algonquin languages

7500	Navajo
7600	Penutian-Sahaptin
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
8100	Siouan languages
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
8120	Iowa
8200	Muskogean
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
8600	Shoshonean/Hopi
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
8820	Tarahumara
8900	Aztecan, Nahuatl, Uto-Aztecan
8910	Aztecan, Mexicano, Nahua
9000	Tanoan languages
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
9211	Cakchiquel
9212	Mam
9213	Maya
9214	Quekchi
9215	Quiche
9220	Tarascan
9230	Mapuche
9231	Araucanian
9240	Oto-Manguen
9241	Mixtec
9242	Zapotec
9250	Quechua
9260	Aymara
9270	Arawakian
9271	Island Caribs
9280	Chibchan
9281	Cuna
9282	Guaymi

9290	Tupi-Guarani
9291	Tupi
9292	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.
9700	Unknown
9800	Illegible
9900	Not reported, blank

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:	176
End Position:	177
Width:	2
Variable Format:	numeric

Implied Decimal Places:	0

Categories

Value	Label
00	N/A or no schooling
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
99	Missing

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 Position:	178

End Position:	180
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
000	N/A or no schooling
001	N/A
002	No schooling completed
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
999	Missing

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:	181
End Position:	181
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

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

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:	182
End Position:	183
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
99	Unknown/Illegible

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:	184
End Position:	184
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
9	Unclassifiable (employment status unknown)

Variable: "OCC"

Name:	OCC
Label:	Occupation
Variable Text:	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.

	Universe Note: "New Workers" are persons seeking employment for the first time, who had not yet secured their first job. Note Regarding Multi-Year Samples: In Multi-Year ACS files, OCC codes are based on the year that the file was publicly released (see YEAR). For example, in the 2011-2015 5-year ACS sample, the OCC codes for respondents in 2011 were crosswalked by the Census Bureau to the set of OCC codes used in 2015 to create a single vintage of the occupation variable. See the Industry and Occupation Code Lists and Crosswalks page on the Census Bureau's website for more guidance on how codes are matched across years.
Concept:	Work Variables -- PERSON
Start Position:	185
End Position:	188
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0

Categories

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Variable: "IND"

Name:	IND
Label:	Industry
Variable Text:	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. 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. Universe Note: "New Workers" are persons seeking employment for the first time, who had not yet secured their first job. Note Regarding Multi-Year Samples: In Multi-Year ACS files, IND codes are based on the year that the file was publicly released (see YEAR). For example, in the 2011-2015 5-year ACS sample, the IND codes for respondents from 2011 and 2012 were crosswalked

	by the Census Bureau to the set of IND codes used in 2015 to create a single vintage of the industry variable. See the Industry and Occupation Code Lists and Crosswalks page on the Census Bureau's website for more guidance on how codes are matched across years.
Concept:	Work Variables -- PERSON
Start Position:	189
End Position:	192
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0

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Variable: "INDNAICS"

Name:	INDNAICS
Label:	Industry, NAICS classification
Variable Text:	INDNAICS reports the type of establishment in which the person worked, in terms of the good or service produced. INDNAICS codes industries according to the North American Industrial Classification System, which was developed in 1997. This categorization system is substantially different from industry classifications used in prior years. For workers employed during the previous week, the data refer to the job at which the person worked the greatest number of hours. For unemployed persons or those out of the labor force, the data refer to their most recent job, if it was within the previous five years. A crosswalk of INDNAICS codes for the 2000 Census and the ACS/PRCS from 2000-onward is available here: INDNAICS Crosswalk The variable IND provides a numeric industry classification that is closely related to the INDNAICS scheme. A crosswalk between IND and INDNAICS codes is available here: IND to INDNAICS Crosswalk User Caution: INDNAICS contains alphabetic characters (See IND for a fully numeric classification of industry). Note: The IND to INDNAICS crosswalk is reflective of the codes in the ACS PUMS data files, which slightly differ from the codes found here: Full list of Census provided Industry and Occupation Codes.
Concept:	Work Variables -- PERSON
Start Position:	193
End Position:	200
Width:	8
Variable Format:	character
Implied Decimal Places:	0
Coder Instructions:	CodesINDNAICS is an 8-digit alphanumeric string variable which reports the type of establishment in which the person worked, in terms of the good or service produced. INDNAICS codes industries according to the North American Industrial Classification System, which was developed in 1997. This categorization system is substantially different from industry classifications used in prior years.

Variable: "INCTOT"

Name:	INCTOT

Label:	Total personal income
Variable Text:	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: 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. 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. 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 for further details. 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.
Concept:	Income Variables -- PERSON
Start Position:	201
End Position:	207
Width:	7
Variable Format:	numeric
Implied Decimal Places:	0

Coder Instructions:	CodesINCTOT 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).
	
	User Note: Users studying change over time must adjust for inflation (See Description).
	
	INCTOT Specific Variable Codes
	-009995 = -$9,900 (1980)
	-000001 = Net loss (1950)
	0000000 = None
	0000001 = $1 or break even (2000, 2005-onward ACS and PRCS)
	9999999 = N/A
	9999998 = Unknown
	
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	INCTOT
	
	Census
	Bottom Code
	Top Code
	
	1950
	Net loss
	$10,000
	
	1960
	-$9,900
	$25,000
	
	1970
	-$9,900
	$50,000
	
	1980
	-$9,990
	$75,000
	
	1990
	-$19,998
	 $400,000*
	
	2000
	-$20,000
	$999,998
	
	ACS
	-$19,998
	-
	
	PRCS
	-$19,998
	-

Variable: "FTOTINC"

Name:	FTOTINC
Label:	Total family income
Variable Text:	FTOTINC reports the total pre-tax money income earned by one's family (as defined by FAMUNIT) from all sources for the previous year. For the census samples, the reference period is the previous calendar year; for the ACS/PRCS, it is the previous 12 months. For 1950-1980, the amounts represent the midpoints of $10, $100, or other intervals used by each year's sample, not exact dollar amounts. 1990 gives exact dollar amounts. For the 2000 census, the ACS and the PRCS, FTOTINC is the sum of several income variables, each of which is rounded as follows:

	No income $0 $1 - $7 $4 $8 - $999 rounded to nearest $10 $1,000 - $49,999 rounded to nearest $100 $50,000 or more rounded to nearest $1000
Concept:	Income Variables -- PERSON
Start Position:	208
End Position:	214
Width:	7
Variable Format:	numeric
Implied Decimal Places:	0

Coder Instructions:	CodesFTOTINC is a 7-digit numeric code reporting the total pre-tax money income earned by one's family (as defined by FAMUNIT) from all sources for the previous year. FTOTINC 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).
	
	FTOTINC Specific Variable Codes
	-000001 = Net loss (1950)
	0000000 = No income (1950-2000, ACS/PRCS)
	9999998 = Not ascertained (1950)
	9999999 = N/A
	
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	* .lrgindent {
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	}

	FTOTINC Census Bottom Code Top Code 1950 Net loss $10,000 1960 -$9,990 $25,000 1970 -$9,990 $50,000 1980 -$9,995 $75,000 1990 By State* By State* 2000 -$59,999 - ACS - - PRCS - -

Variable: "MIGRATE1"

Name:	MIGRATE1
Label:	Migration status 1 year ago [general version]
Variable Text:	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. 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 identify those previously living abroad. 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.
Concept:	Migration Variables -- PERSON
Start Position:	215
End Position:	215
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

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 ago [detailed version]
Variable Text:	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. 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 identify those previously living abroad. 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.
Concept:	Migration Variables -- PERSON
Start Position:	216
End Position:	217
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 contigious states
32	Moved between non-contiguous states

40	Abroad one year ago
90	Unknown

Variable: "MIGPLAC1"

Name:	MIGPLAC1
Label:	State or country of residence 1 year ago
Variable Text:	For respondents who lived in a different residence 1 year before the survey date, MIGPLAC1 identifies the U.S. state, outlying territory, or the foreign country where the respondent lived at that time. MIGPLAC5 provides analogous information for 1940 and 1960-2000 samples, using a 5-year rather than a 1-year reference period.
Concept:	Migration Variables -- PERSON
Start Position:	218
End Position:	220
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
000	N/A
001	Alabama
002	Alaska
004	Arizona
005	Arkansas
006	California
008	Colorado
009	Connecticut

010	Delaware
011	District of Columbia
012	Florida
013	Georgia
015	Hawaii
016	Idaho
017	Illinois
018	Indiana
019	Iowa
020	Kansas
021	Kentucky
022	Louisiana
023	Maine
024	Maryland
025	Massachusetts
026	Michigan
027	Minnesota
028	Mississippi
029	Missouri
030	Montana
031	Nebraska
032	Nevada
033	New Hampshire
034	New Jersey
035	New Mexico
036	New York
037	North Carolina

038	North Dakota
039	Ohio
040	Oklahoma
041	Oregon
042	Pennsylvania
044	Rhode Island
045	South Carolina
046	South Dakota
047	Tennessee
048	Texas
049	Utah
050	Vermont
051	Virginia
053	Washington
054	West Virginia
055	Wisconsin
056	Wyoming
099	United States, ns
100	Samoa, 1950
105	Guam
110	Puerto Rico
115	Virgin Islands
120	Other US Possessions
150	Canada
151	English Canada
152	French Canada
160	Atlantic Islands

200	Mexico
211	Belize/British Honduras
212	Costa Rica
213	El Salvador
214	Guatemala
215	Honduras
216	Nicaragua
217	Panama
218	Canal Zone
219	Central America, nec
250	Cuba
261	Dominican Republic
262	Haiti
263	Jamaica
264	British West Indies
267	Other West Indies
290	Other Caribbean and North America
305	Argentina
310	Bolivia
315	Brazil
320	Chile
325	Colombia
330	Ecuador
345	Paraguay
350	Peru
360	Uruguay
365	Venezuela

390	South America, nec
400	Denmark
401	Finland
402	Iceland
404	Norway
405	Sweden
410	England
411	Scotland
412	Wales
413	United Kingdom (excluding England: 2005ACS)
414	Ireland
415	Northern Ireland
419	Other Northern Europe
420	Belgium
421	France
422	Luxembourg
425	Netherlands
426	Switzerland
429	Other Western Europe
430	Albania
433	Greece
434	Dodecanese Islands
435	Italy
436	Portugal
437	Azores
438	Spain
450	Austria

451	Bulgaria
452	Czechoslovakia
453	Germany
454	Hungary
455	Poland
456	Romania
457	Yugoslavia
458	Bosnia and Herzegovinia
459	Other Eastern Europe
460	Estonia
461	Latvia
462	Lithuania
463	Other Northern or Eastern Europe
465	USSR
498	Ukraine
499	Europe, ns
500	China
501	Japan
502	Korea
503	Taiwan
515	Philippines
517	Thailand
518	Vietnam
519	Other South East Asia
520	Nepal
521	India
522	Iran

523	Iraq
525	Pakistan
534	Israel/Palestine
535	Jordan
537	Lebanon
539	United Arab Emirates
540	Saudi Arabia
541	Syria
542	Turkey
543	Afghanistan
551	Other Western Asia
599	Asia, nec
600	Africa
610	Northern Africa
611	Egypt
619	Nigeria
620	Western Africa
621	Eastern Africa
622	Ethiopia
623	Kenya
694	South Africa (Union of)
699	Africa, nec
701	Australia
702	New Zealand
710	Pacific Islands (Australia and New Zealand Subregions, not specified, Oceania and at Sea: ACS)
900	Abroad (unknown) or at sea
988	Suppressed for data year 2022 for select cases

997	Unknown value
999	Missing

Variable: "MIGMET131"

Name:	MIGMET131
Label:	Metropolitan area of residence 1 year ago (2013 delineations)
Variable Text:	For respondents who lived in a different residence 1 year before the survey date, MIGMET131 identifies the metropolitan area where the respondent lived at that time if the prior residence was in an identifiable metropolitan area. 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. MIGMET131 identifies metro areas 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. The metro area delineations and codes used by MIGMET131 are consistent with those used by MIGMET135, which identifies the metro area of residence five years ago for decennial census samples. Note that the 00000 code applies to individuals who lived in the same residence 1 year ago as well as those whose previous residence was not in an identifiable metro area. Users who wish to distinguish these two conditions should use MIGRATE1 in conjunction with MIGMET131. Inexact Correspondence with Official Delineations IPUMS determines MIGMET131 codes based on Migration PUMAs (MIGPUMA1). In multi-year ACS/PRCS samples that span different Migration PUMA definitions, this variable is based on whichever Migration PUMA definition is associated with the respondent's survey year (as given by MULTYEAR). This occurs only in the 2022 5-year samples and in multi-year samples that include both 2011 and 2012 survey years. For more information about how Migration PUMA definitions vary within multi-year samples, see the MIGPUMA1 variable description. Because Migration PUMAs occasionally straddle official 2013 MSA boundaries, MIGMET131 cannot identify the exact set of households residing in each metro area. The protocol IPUMS uses for MIGMET131 is to identify the MSA in which the majority of each Migration PUMA's population resided. If MIGMET131 identifies a metro area for a given respondent, it indicates that, for the Migration PUMA in which the respondent previously resided, a majority of the population resided in the identified metro area. Match Errors and Code Suppression MIGMET131's code assignment protocol yields errors of omission (residents of a metro area who are not identified as residents) and errors of commission (non-residents who are identified as residents). Migration PUMAs often nest within MSA boundaries, resulting in small match errors. For many metro areas, however, especially smaller metro areas, the Migration 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). MIGMET131 reports no code for MSAs where the sum of match errors is 15% or more. For each reported MIGMET131 code, the MIGMET13ERR variable identifies the level of the sum of errors. Researchers may use MIGMET13ERR to impose a more restrictive

	error limit if desired. To compute match errors, IPUMS uses 2020 populations for 2022-onward ACS and PRCS samples and 2010 populations are used for 2012-2021 ACS and PRCS samples. For samples that use 2000 Migration PUMA definitions (ACS and PRCS samples through 2011), IPUMS estimates the populations of the areas of intersection between 2000 Migration PUMAs and 2013 MSAs by summing the populations of census blocks that had their geographic center in each area. For more detailed information about relationships between Migration PUMAs and MSAs and about MIGMET131 match errors, IPUMS provides these tables (in Excel spreadsheets): 2000 5% sample: Crosswalk Between 2013 MSAs and 2000 Migration PUMAs MIGMET135 Omission and Commission Errors by MSA 2005-2011 ACS and PRCS samples:
Concept:	Migration Variables -- PERSON
Start Position:	221
End Position:	225
Width:	5
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
00000	Not in universe or not in identifiable area
10420	Akron, OH
10580	Albany-Schenectady-Troy, NY
10740	Albuquerque, NM
10780	Alexandria, LA
10900	Allentown-Bethlehem-Easton, PA-NJ
11020	Altoona, PA
11100	Amarillo, TX

11260	Anchorage, AK
11460	Ann Arbor, MI
11500	Anniston-Oxford-Jacksonville, AL
11700	Asheville, NC
12020	Athens-Clarke County, GA
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
12980	Battle Creek, MI
13140	Beaumont-Port Arthur, TX
13220	Beckley, WV
13380	Bellingham, WA
13460	Bend-Redmond, OR
13740	Billings, MT
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
16820	Charlottesville, VA
16860	Chattanooga, TN-GA
16940	Cheyenne, WY
16980	Chicago-Naperville-Elgin, IL-IN-WI
17020	Chico, CA
17140	Cincinnati, OH-KY-IN
17300	Clarksville, TN-KY
17420	Cleveland, TN
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
18880	Crestview-Fort Walton Beach-Destin, FL
19100	Dallas-Fort Worth-Arlington, TX
19300	Daphne-Fairhope-Foley, AL
19340	Davenport-Moline-Rock Island, IA-IL
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
20020	Dothan, AL
20100	Dover, DE
20500	Durham-Chapel Hill, NC
20700	East Stroudsburg, PA
20740	Eau Claire, WI
20940	El Centro, CA
21060	Elizabethtown-Fort Knox, KY
21140	Elkhart-Goshen, IN
21340	El Paso, TX
21500	Erie, PA
21660	Eugene, OR
21780	Evansville, IN-KY
22140	Farmington, NM

22180	Fayetteville, NC
22220	Fayetteville-Springdale-Rogers, AR-MO
22380	Flagstaff, AZ
22420	Flint, MI
22500	Florence, SC
22520	Florence-Muscle Shoals, AL
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
24540	Greeley, CO
24660	Greensboro-High Point, NC
24780	Greenville, NC
24860	Greenville-Anderson-Mauldin, SC
25060	Gulfport-Biloxi-Pascagoula, MS
25220	Hammond, LA
25260	Hanford-Corcoran, CA
25420	Harrisburg-Carlisle, PA
25500	Harrisonburg, VA
25540	Hartford-West Hartford-East Hartford, CT
25620	Hattiesburg, MS

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
27340	Jacksonville, NC
27500	Janesville-Beloit, WI
27620	Jefferson City, MO
27740	Johnson City, TN
27780	Johnstown, PA
27860	Jonesboro, AR
27900	Joplin, MO
28020	Kalamazoo-Portage, MI
28100	Kankakee, IL
28140	Kansas City, MO-KS
28420	Kennewick-Richland, WA
28660	Killeen-Temple, TX
28700	Kingsport-Bristol-Bristol, TN-VA
28940	Knoxville, TN

29100	La Crosse-Onalaska, WI-MN
29180	Lafayette, LA
29200	Lafayette-West Lafayette, IN
29340	Lake Charles, LA
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
30020	Lawton, OK
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
31860	Mankato-North Mankato, MN
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
34580	Mount Vernon-Anacortes, WA
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
37460	Panama City, FL
37620	Parkersburg-Vienna, WV
37860	Pensacola-Ferry Pass-Brent, FL
37900	Peoria, IL
37980	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD
38060	Phoenix-Mesa-Scottsdale, AZ
38300	Pittsburgh, PA
38340	Pittsfield, MA
38660	Ponce, PR
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
41060	St. Cloud, MN
41100	St. George, UT
41140	St. Joseph, MO-KS
41180	St. Louis, MO-IL
41420	Salem, OR
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
44940	Sumter, SC
45060	Syracuse, NY
45220	Tallahassee, FL
45300	Tampa-St. Petersburg-Clearwater, FL
45460	Terre Haute, IN

45540	The Villages, FL
45780	Toledo, OH
45820	Topeka, KS
45940	Trenton, NJ
46060	Tucson, AZ
46140	Tulsa, OK
46220	Tuscaloosa, AL
46340	Tyler, TX
46520	Urban Honolulu, HI
46540	Utica-Rome, NY
46660	Valdosta, GA
46700	Vallejo-Fairfield, CA
47220	Vineland-Bridgeton, NJ
47260	Virginia Beach-Norfolk-Newport News, VA-NC
47300	Visalia-Porterville, CA
47380	Waco, TX
47580	Warner Robins, GA
47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
48140	Wausau, WI
48300	Wenatchee, WA
48620	Wichita, KS
48660	Wichita Falls, TX
48700	Williamsport, PA
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

Variable: "MIGMETRO1"

Name:	MIGMETRO1
Label:	Metropolitan status 1 year ago
Variable Text:	MIGMETRO1 indicates whether the respondent lived in a metropolitan area one year ago and, if so, whether they also resided within a central/principal city. A metropolitan 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. See METAREA for more information. For the 1950 sample, MIGMETRO1 distinguishes central city status only if the central city/cities and the remainder of the metropolitan area each had 100,000+ residents in 1980, using the 1980 central city definitions. For ACS and PRCS samples (2005 and later), IPUMS derives MIGMETRO1 codes based on Migration Public Use Microdata Areas (MIGPUMA1). If a respondent resided in a Migration PUMA that was only partially within a metropolitan area or central/principal city, MIGMETRO1 indicates a status of "indeterminable (mixed)." In ACS and PRCS samples, Migration PUMAs are identified only for respondents who lived in a different residence 1 year ago. All other respondents are coded as "N/A" in MIGMETRO1.
Concept:	Migration Variables -- PERSON
Start Position:	226
End Position:	226
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label

0	N/A
1	Not in metropolitan area
2	In metropolitan area: Central/principal city status indeterminable (mixed)
3	In metropolitan area: In central/principal city
4	In metropolitan area: Not in central/principal city
5	Abroad
9	Metropolitan status indeterminable (mixed)