

User Extract usa_00002.dat

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§ 1. Document Description

Citation

Title Statement	
Title:	Codebook for an IPUMS USA Data Extract
Subtitle:	DDI 2.5 metadata describing the extract file 'usa_00002.dat'
Identification Number:	ddi2-16d38250-6eb9-013d-62cd-02420a1c0304-usa_00002.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:	October 28, 2024
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_00002.dat
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Authoring Entity:	IPUMS
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Distribution Statement	
Contact Persons:	IPUMS
Affiliation:	University of Minnesota
URI:	https://ipums.org
Version Statement	
Date:	2024-10-28

Study Scope

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

	Technical Variables -- PERSON
	Demographic Variables -- PERSON
Summary Data Description	
Time Period:	2004
Country:	United States
Summary Data Description	
Time Period:	2005
Country:	United States
Summary Data Description	
Time Period:	2006
Country:	United States
Summary Data Description	
Time Period:	2007
Country:	United States
Summary Data Description	
Time Period:	2008
Country:	United States
Summary Data Description	
Time Period:	2009
Country:	United States
Summary Data Description	
Time Period:	2010
Country:	United States
Summary Data Description	
Time Period:	2011
Country:	United States
Summary Data Description	

Time Period:	2012
Country:	United States
Summary Data Description	
Time Period:	2013
Country:	United States
Summary Data Description	
Time Period:	2014
Country:	United States
Summary Data Description	
Time Period:	2015
Country:	United States
Summary Data Description	
Time Period:	2016
Country:	United States
Summary Data Description	
Time Period:	2017
Country:	United States
Summary Data Description	
Time Period:	2018
Country:	United States
Summary Data Description	
Time Period:	2019
Country:	United States
Summary Data Description	
Time Period:	2020
Country:	United States
Summary Data Description	

Time Period:	2021
Country:	United States
Summary Data Description	
Time Period:	2022
Country:	United States
Notes	
Note:	Additional notes on a sample that is part of this study: 2004 ACS Note: Does not include persons in group quarters. Density of the full data file: 0.42% Density of this extract: 0.4%
	Additional notes on a sample that is part of this study: 2005 ACS Note: Does not include persons in group quarters. Density of the full data file: 1.0% Density of this extract: 1.0%
	Additional notes on a sample that is part of this study: 2006 ACS Density of the full data file: 1.0% Density of this extract: 1.0%
	Additional notes on a sample that is part of this study: 2007 ACS Density of the full data file: 1.0% Density of this extract: 1.0%
	Additional notes on a sample that is part of this study: 2008 ACS Density of the full data file: 1.0% Density of this extract: 1.0%
	Additional notes on a sample that is part of this study: 2009 ACS Density of the full data file: 1.0% Density of this extract: 1.0%
	Additional notes on a sample that is part of this study: 2010 ACS Density of the full data file: 1.0% Density of this extract: 1.0%
	Additional notes on a sample that is part of this study: 2011 ACS Density of the full data file: 1.0% Density of this extract: 1.0%
	Additional notes on a sample that is part of this study: 2012 ACS Density of the full data file: 1.0% Density of this extract: 1.0%
	Additional notes on a sample that is part of this study: 2013 ACS Density of the full data file: 1.0% Density of this extract: 1.0%
	Additional notes on a sample that is part of this study: 2014 ACS Density of the full data file: 1.0% Density of this extract: 1.0%

	Additional notes on a sample that is part of this study: 2015 ACS Density of the full data file: 1.0% Density of this extract: 1.0%
	Additional notes on a sample that is part of this study: 2016 ACS Density of the full data file: 1.0% Density of this extract: 1.0%
	Additional notes on a sample that is part of this study: 2017 ACS Density of the full data file: 1.0% Density of this extract: 1.0%
	Additional notes on a sample that is part of this study: 2018 ACS Density of the full data file: 1.0% Density of this extract: 1.0%
	Additional notes on a sample that is part of this study: 2019 ACS Density of the full data file: 1.0% Density of this extract: 1.0%
	Additional notes on a sample that is part of this study: 2020 ACS Note: Uses experimental weights to correct for the effects of the COVID-19 pandemic on the 2020 ACS data collection Density of the full data file: 1.0% Density of this extract: 1.0%
	Additional notes on a sample that is part of this study: 2021 ACS Density of the full data file: 1.0% Density of this extract: 1.0%
	Additional notes on a sample that is part of this study: 2022 ACS Density of the full data file: 1.0% Density of this extract: 1.0%

Data Access - Use Statement

Confidentiality Declaration	
None	
Contact Persons:	IPUMS USA
Affiliation:	IPUMS
URI:	http://usa.ipums.org
Citation Requirement	
<p>Publications and research reports based on the IPUMS USA database must cite it appropriately. The citation should include the following:</p> <p>Steven Ruggles, Sarah Flood, Matthew Sobek, Daniel Backman, Annie Chen, Grace Cooper, Stephanie Richards, Renae Rodgers, and Megan Schouweiler. IPUMS USA: Version 15.0 [dataset]. Minneapolis, MN: IPUMS, 2024. https://doi.org/10.18128/D010.V15.0</p> <p>The licensing agreement for use of IPUMS USA data requires that users supply us with the title and full citation for any publications, research reports, or educational materials making use of the data or documentation. Please add your citation to the IPUMS bibliography at http://bibliography.ipums.org/.</p>	
Conditions	
<p>Users of IPUMS USA data must agree to abide by the conditions of use. A user's license is valid for one year and may be renewed. Users must agree to the following conditions:</p>	

- (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: Revision of 00001
	This extract is a revision of the user's previous extract, ID 24186565.

§ 3. File Description

File

File Name:	usa_00002.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

1. [YEAR](#) (Census year)
2. [SAMPLE](#) (IPUMS sample identifier)
3. [SERIAL](#) (Household serial number)
4. [CBSERIAL](#) (Original Census Bureau household serial number)
5. [HHWT](#) (Household weight)
6. [CLUSTER](#) (Household cluster for variance estimation)

7. [CPI99](#) (CPI-U adjustment factor to 1999 dollars)
8. [STATEFIP](#) (State (FIPS code))
9. [COUNTYFIP](#) (County (FIPS code, identifiable counties only))
10. [PUMA](#) (Public Use Microdata Area)
11. [DENSITY](#) (Population-weighted density of PUMA)
12. [METRO](#) (Metropolitan status (where determinable))
13. [PCTMETRO](#) (Percent of PUMA population living in metro area)
14. [METPOP10](#) (Average 2010 population of 2013 metro/micro areas in PUMA)
15. [CITY](#) (City (identifiable cities only))
16. [CITYPOP](#) (City population (identifiable cities only))
17. [STRATA](#) (Household strata for variance estimation)
18. [GQ](#) (Group quarters status)
19. [MORTGAGE](#) (Mortgage status)
20. [MORTAMT1](#) (First mortgage monthly payment)
21. [TAXINCL](#) (Mortgage payment includes property taxes)
22. [INSINCL](#) (Mortgage payment includes property insurance)
23. [PROPINSR](#) (Annual property insurance cost)
24. [PROPTX99](#) (Annual property taxes, 1990)
25. [RENT](#) (Monthly contract rent)
26. [RENTGRS](#) (Monthly gross rent)
27. [HHINCOME](#) (Total household income)
28. [VALUEH](#) (House value)
29. [KITCHEN](#) (Kitchen or cooking facilities)
30. [ROOMS](#) (Number of rooms)
31. [PLUMBING](#) (Plumbing facilities)
32. [BUILTYR2](#) (Age of structure, decade)
33. [UNITSSTR](#) (Units in structure)
34. [BEDROOMS](#) (Number of bedrooms)
35. [PERNUM](#) (Person number in sample unit)
36. [PERWT](#) (Person weight)
37. [SEX](#) (Sex)
38. [AGE](#) (Age)
39. [MARST](#) (Marital status)

Variable: "YEAR"

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

Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
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

Variable: "SAMPLE"

Name:	SAMPLE
Label:	IPUMS sample identifier
Variable Text:	<p>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:</p> <p>The first four digits are the year of the census/survey.</p> <p>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).</p> <p>The availability table for each variable indicates whether that variable is available in only certain samples for a given year. For further discussion of sample differences, see "Sample Designs."</p> <p>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.</p>
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	5
End Position:	10
Width:	6

Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
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:	<p>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.</p> <p>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.</p>
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	11
End Position:	18
Width:	8
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>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).</p> <p>SERIAL Specific Variable Codes</p>

Variable: "CBSERIAL"

Name:	CBSERIAL
Label:	Original Census Bureau household serial number

Variable Text:	<p>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.)</p> <p>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.</p>
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	19
End Position:	31
Width:	13
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>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).</p> <p>CBSERIAL Specific Variable Codes</p>

Variable: "HHWT"

Name:	HHWT
Label:	Household weight
Variable Text:	<p>HHWT indicates how many households in the U.S. population are represented by a given household in an IPUMS sample.</p> <p>It is generally a good idea to use HHWT when conducting a household-level analysis of any IPUMS sample. The use of HHWT is optional when analyzing one of the "flat" or unweighted IPUMS samples. Flat IPUMS samples include the 1% samples from 1850-1930, all samples from 1960, 1970, and 1980, the 1% unweighted samples from 1990 and 2000, the 10% 2010 sample, and any of the full count 100% census datasets. HHWT must be used to obtain nationally representative statistics for household-level analyses of any sample other than those.</p> <p>Users should also be sure to select one person (e.g., PERNUM = 1) to represent the entire household.</p> <p>For further explanation of the sample weights, see "Sample Designs" 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.</p>
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	32
End Position:	41
Width:	10

Variable Format:	numeric
Implied Decimal Places:	2
Coder Instructions:	<p>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).</p> <p>User Note: Users should also be sure to select one person (e.g., PERNUM = 1) to represent the entire household when using HHWT.</p> <p>HHWT Specific Variable Codes</p>

Variable: "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:	42
End Position:	54
Width:	13
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>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).</p> <p>CLUSTER Specific Variable Codes</p>

Variable: "CPI99"

Name:	CPI99
Label:	CPI-U adjustment factor to 1999 dollars
Variable Text:	CPI99 provides the CPI-U multiplier available from the Bureau of Labor Statistics to convert dollar figures to constant 1999 dollars. This corresponds to the dollar amounts in the 2000 census, which inquired about income in 1999. Multiplying dollar amounts by CPI99 (which is constant within years) will render them comparable across time and thus suitable for multivariate analysis.

	See the IPUMS inflation adjustment page for more information on how to use CPI99.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	55
End Position:	59
Width:	5
Variable Format:	numeric
Implied Decimal Places:	3
Coder Instructions:	<p>CodesCPI99 is a 5-digit numeric variable that provides the CPI-U multiplier available from the Bureau of Labor Statistics to convert dollar figures to constant 1999 dollars and has three implied decimals. For example, a CPI99 value of 15423 should be interpreted as 15.423. See the IPUMS inflation adjustment page for more information on how to use CPI99. CPI99 specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below if applicable by Census year (and data sample if specified).</p> <p>CPI99 Specific Variable Codes</p>

Variable: "STATEFIP"

Name:	STATEFIP
Label:	State (FIPS code)
Variable Text:	<p>STATEFIP reports the state in which the household was located, using the Federal Information Processing Standards (FIPS) coding scheme, which orders the states alphabetically.</p> <p>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.</p> <p>See "Geographic Coding and Comparability" for more information on the geographic detail available in particular samples.</p>
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	60
End Position:	61
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:	<p>IPUMS USA cannot identify most counties in recent samples.</p> <p>COUNTYFIP identifies the county where the household was enumerated, using the Federal Information Processing Standard (FIPS) coding scheme.</p> <p>COUNTYFIP codes are state-dependent; they must be combined with state codes (see STATEFIP or STATEICP) to distinguish counties located in different states.</p> <p>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.</p> <p>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.</p> <p>In 1950 and later samples, COUNTYFIP identifies a county if and only if:</p> <p>it was coterminous with a single SEA, county group, or PUMA; or</p> <p>it contained multiple SEAs, county groups, or PUMAs, none of which extended into other counties.</p> <p>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).</p> <p>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.</p> <p>Like STATEFIP, COUNTYFIP facilitates merging IPUMS data with data from other sources that use FIPS codes.</p>
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	62
End Position:	64
Width:	3
Variable Format:	numeric
Implied Decimal	0

Places:	
Coder Instructions:	<p>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.</p> <p>COUNTYFIP codes are state-dependent; they must be combined with state codes (see STATEFIP or STATEICP) to distinguish counties located in different states.</p> <p>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.</p> <p>COUNTYFIP-Specific Variable Code 000 = County not identifiable from public-use data (1950-onward)</p> <p>List of counties identified in 1950 and later samples: Identified Counties, 1950-Forward</p>

Variable: "PUMA"

Name:	PUMA
Label:	Public Use Microdata Area
Variable Text:	<p>PUMA identifies the Public Use Microdata Area (PUMA) where the housing unit was located. PUMAs are the smallest geographic units identified in Public Use Microdata Samples since 1990 for both the decennial censuses and the ACS/PRCS. To help maintain the confidentiality of respondents in public use microdata, every PUMA must, by design, have at least 100,000 residents at the time of the corresponding census.</p> <p>IPUMS has also created PUMAs for the 1960 5% sample, which each correspond approximately to one or more 2000 PUMAs using a minimum population threshold of 50,000.</p> <p>Note: PUMA codes are state-dependent. The PUMA codes for 1990 and later samples are unique only within each state, so a single code may identify different PUMAs in different states. To uniquely identify all PUMAs, it is necessary to combine the PUMA variable with a state identifier (STATEFIP or STATEICP). The IPUMS-defined 1960 PUMA codes are unique across all states and do not have this requirement.</p> <p>The Census Bureau updates PUMA definitions with each decennial census, so PUMA codes may or may not identify consistent areas over longer periods of time. See the Comparability section for information about which PUMAs are used in each sample. See the Codes section for information about each set of PUMA definitions.</p> <p>Note: PUMA definitions vary within some multi-year samples. In multi-year ACS samples that span a PUMA definition change, the identified PUMAs vary based on the survey year when each respondent was interviewed (as given by MULTYEAR). For example, in the 2010-2014 5-year ACS sample, the PUMAs identified for 2010 and 2011 respondents are 2000 PUMAs while the PUMAs identified for 2012-2014 respondents are 2010 PUMAs.</p> <p>In 1980 samples, "county groups" (CNTYGP98) are functionally similar to PUMAs with the same minimum population threshold of 100,000. In fact, "county group" is a misnomer because 1980 county groups, like PUMAs, typically subdivide large-population counties into smaller areas (though 1980 county groups still do not subdivide cities within counties as PUMAs do). In contrast, the county groups in 1970 samples (CNTYGP97) nearly all correspond to groups of one or more counties with a minimum population threshold of 250,000. In 1940 and 1950 samples, the identified geographic areas most like PUMAs are State Economic Areas (SEA).</p>
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	65
End Position:	69
Width:	5
Variable Format:	numeric
Implied Decimal	0

Places:	
Coder Instructions:	<p>CodesPUMA is a 5-digit numeric variable identifying the Public Use Microdata Area (PUMA) where the housing unit was located.</p> <p>In all samples but 1960, PUMA codes are state-dependent. To uniquely identify all PUMAs in 1990 or later samples, the codes must be read in combination with one of the STATE variables: STATEFIP or STATEICP.</p> <p>As explained in the Description and Comparability sections, PUMA definitions are updated every ten years and therefore vary across samples and within some multi-year samples. IPUMS provides maps, composition files, and boundary files describing each set of PUMA definitions through the links below.</p> <p>PUMA Resource Pages 2020 PUMAs: 2022-2031 ACS/PRCS 2010 PUMAs: 2010 Census and 2012-2021 ACS/PRCS 2000 PUMAs: 2000 Census and 2005-2011 ACS/PRCS 1990 PUMAs: 1990 5% State and 1% Metro samples 1990 PUMAs crossing state lines: 1% Metro sample 1960 PUMAs and Mini-PUMAs: 1960 5% sample</p>

Variable: "DENSITY"

Name:	DENSITY
Label:	Population-weighted density of PUMA
Variable Text:	<p>DENSITY reports the average local population density among residents of each Public Use Microdata Area (PUMA) in persons per square mile. Specifically, DENSITY gives the population-weighted geometric mean of the population densities of census tracts in each PUMA.</p> <p>DENSITY uses tract population densities from the nearest decennial census. In 2000 samples, DENSITY uses 2000 census tract densities. In 2005-2021 ACS and 2010 decennial census samples, DENSITY uses 2010 densities. In 2022-onward ACS samples, DENSITY uses 2020 densities.</p> <p>DENSITY reports a population-weighted average density rather than the density of the whole PUMA (total PUMA population divided by PUMA area) because the population-weighted density better represents the typical local density among PUMA residents. For example, in a PUMA in southern Florida, most of the population may reside in dense developments near the coast, but if most of the PUMA's area is comprised of unpopulated interior wetlands, the whole PUMA's density would be much lower than the high urban density where most PUMA residents live. This PUMA's average tract density, weighted by tract populations (so each PUMA resident's local density is given equal weight), would be appropriately high, corresponding with a typical PUMA resident's local context.</p> <p>Using a geometric mean corresponds to measuring the average density on a logarithmic scale, which is suitable because population densities 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 densities of 10 and 100 is about as significant for the character of a place as any other factor-of-10 difference (e.g., 1,000 and 10,000), and it is clearly more significant than an equal absolute difference of 90 at high densities (e.g., 10,010 and 10,100).</p> <p>The specific steps to compute DENSITY are 1) multiply each tract's population by the logarithm of its density (population divided by land area), 2) sum these products for all tracts in each PUMA, 3) divide the sum for each PUMA by the total PUMA population, and 4) exponentiate the results to return to a linear scaling of population densities. (In the first step, if a PUMA boundary subdivides a tract, we use the whole tract's density, but we limit the population weight to the portion that also resides in the PUMA.)</p> <p>For a detailed explanation and demonstration of the DENSITY measure (as well as the METPOP00 and METPOP10 variables), see:</p> <p>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.</p>
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	70
End Position:	76

Width:	7
Variable Format:	numeric
Implied Decimal Places:	1
Coder Instructions:	Codes DENSITY is a 7-digit numeric variable with 1 implied decimal. The units are persons per square mile.

Variable: "METRO"

Name:	METRO
Label:	Metropolitan status (where determinable)
Variable Text:	<p>METRO indicates whether the household resided within a metropolitan area and, for households in metropolitan areas, whether the household resided within or outside of a central/principal city.</p> <p>In many public-use microdata samples, metropolitan and central/principal-city status are not directly identified. In such cases, IPUMS derives METRO codes based on other available geographic information, e.g., county groups (CNTYGP97 and CNTYGP98) or Public Use Microdata Areas (PUMA). If a county group or PUMA lies only partially within metropolitan areas or central/principal cities, then METRO indicates that the status is "indeterminable (mixed)."</p>
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	77
End Position:	77
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
Categories	

Value	Label
0	Metropolitan status indeterminable (mixed)
1	Not in metropolitan area
2	In metropolitan area: In central/principal city
3	In metropolitan area: Not in central/principal city
4	In metropolitan area: Central/principal city status indeterminable (mixed)

Variable: "PCTMETRO"

Name:	PCTMETRO
Label:	Percent of PUMA population living in metro area
Variable Text:	PCTMETRO reports the percentage of the population of a household's Public Use Microdata Area (PUMA) that falls within a metro area (METRO).
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	78
End Position:	82
Width:	5
Variable Format:	numeric
Implied Decimal Places:	2
Coder Instructions:	Codes PCTMETRO is a 5-digit numeric variable with 2 implied decimals.

Variable: "METPOP10"

Name:	METPOP10
Label:	Average 2010 population of 2013 metro/micro areas in PUMA
Variable Text:	<p>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.</p> <p>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.)</p> <p>Using a geometric mean corresponds to measuring the average population on a logarithmic scale, which is suitable</p>

	<p>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).</p> <p>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.</p> <p>For a detailed explanation and demonstration of the METPOP10 measure (as well as the DENSITY variable), see:</p> <p>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.</p>
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	83
End Position:	90
Width:	8
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	Codes METPOP10 is an 8-digit numeric variable.

Variable: "CITY"

Name:	CITY
Label:	City (identifiable cities only)
Variable Text:	<p>CITY identifies the city of residence for households located in identifiable cities. The Comparability section provides a discussion of factors affecting which cities are identified and how well they are represented in each sample.</p> <p>The identified cities are generally consistent with U.S. Census "place" definitions. For an explanation and history of the concept, see Chapter 9 in the Census Bureau's Geographic Areas Reference Manual.</p>
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	91
End Position:	94
Width:	4
Variable Format:	numeric

Implied Decimal Places:	0
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Categories

Value	Label
0000	Not in identifiable city (or size group)
0001	Aberdeen, SD
0002	Aberdeen, WA
0003	Abilene, TX
0004	Ada, OK
0005	Adams, MA
0006	Adrian, MI
0007	Abington, PA
0010	Akron, OH
0030	Alameda, CA
0050	Albany, NY
0051	Albany, GA
0052	Albert Lea, MN
0070	Albuquerque, NM
0090	Alexandria, VA
0091	Alexandria, LA
0100	Alhambra, CA
0110	Allegheny, PA
0120	Aliquippa, PA
0130	Allentown, PA
0131	Alliance, OH
0132	Alpena, MI
0140	Alton, IL
0150	Altoona, PA
0160	Amarillo, TX

0161	Ambridge, PA
0162	Ames, IA
0163	Amesbury, MA
0170	Amsterdam, NY
0171	Anaconda, MT
0190	Anaheim, CA
0210	Anchorage, AK
0230	Anderson, IN
0231	Anderson, SC
0250	Andover, MA
0270	Ann Arbor, MI
0271	Annapolis, MD
0272	Anniston, AL
0273	Ansonia, CT
0275	Antioch, CA
0280	Appleton, WI
0281	Ardmore, OK
0282	Argenta, AR
0283	Arkansas, KS
0284	Arden-Arcade, CA
0290	Arlington, TX
0310	Arlington, VA
0311	Arlington, MA
0312	Arnold, PA
0313	Asbury Park, NJ
0330	Asheville, NC
0331	Ashland, OH
0340	Ashland, KY
0341	Ashland, WI

0342	Ashtabula, OH
0343	Astoria, OR
0344	Atchison, KS
0345	Athens, GA
0346	Athol, MA
0347	Athens-Clarke County, GA
0350	Atlanta, GA
0370	Atlantic City, NJ
0371	Attleboro, MA
0390	Auburn, NY
0391	Auburn, ME
0410	Augusta, GA
0411	Augusta-Richmond County, GA
0430	Augusta, ME
0450	Aurora, CO
0470	Aurora, IL
0490	Austin, TX
0491	Austin, MN
0510	Bakersfield, CA
0530	Baltimore, MD
0550	Bangor, ME
0551	Barberton, OH
0552	Barre, VT
0553	Bartlesville, OK
0554	Batavia, NY
0570	Bath, ME
0590	Baton Rouge, LA
0610	Battle Creek, MI
0630	Bay City, MI

0640	Bayamon, PR
0650	Bayonne, NJ
0651	Beacon, NY
0652	Beatrice, NE
0660	Belleville, IL
0670	Beaumont, TX
0671	Beaver Falls, PA
0672	Bedford, IN
0673	Bellaire, OH
0680	Bellevue, WA
0690	Bellingham, WA
0695	Belvedere, CA
0700	Belleville, NJ
0701	Bellevue, PA
0702	Belmont, OH
0703	Belmont, MA
0704	Beloit, WI
0705	Bennington, VT
0706	Benton Harbor, MI
0710	Berkeley, CA
0711	Berlin, NH
0712	Berwick, PA
0720	Berwyn, IL
0721	Bessemer, AL
0730	Bethlehem, PA
0740	Biddeford, ME
0741	Big Spring, TX
0742	Billings, MT
0743	Biloxi, MS

0750	Binghamton, NY
0760	Beverly, MA
0761	Beverly Hills, CA
0770	Birmingham, AL
0771	Birmingham, CT
0772	Bismarck, ND
0780	Bloomfield, NJ
0790	Bloomington, IL
0791	Bloomington, IN
0792	Blue Island, IL
0793	Bluefield, WV
0794	Blytheville, AR
0795	Bogalusa, LA
0800	Boise, ID
0801	Boone, IA
0810	Boston, MA
0811	Boulder, CO
0812	Bowling Green, KY
0813	Braddock, PA
0814	Braden, WA
0815	Bradford, PA
0816	Brainerd, MN
0817	Braintree, MA
0818	Brawley, CA
0819	Bremerton, WA
0830	Bridgeport, CT
0831	Bridgeton, NJ
0832	Bristol, CT
0833	Bristol, PA

0834	Bristol, VA
0835	Bristol, TN
0837	Bristol, RI
0850	Brockton, MA
0851	Brookfield, IL
0870	Brookline, MA
0880	Brownsville, TX
0881	Brownwood, TX
0882	Brunswick, GA
0883	Bucyrus, OH
0890	Buffalo, NY
0900	Burlington, IA
0905	Burlington, VT
0906	Burlington, NJ
0907	Bushkill, PA
0910	Butte, MT
0911	Butler, PA
0920	Burbank, CA
0921	Burlingame, CA
0926	Cairo, IL
0927	Calumet City, IL
0930	Cambridge, MA
0931	Cambridge, OH
0950	Camden, NJ
0951	Campbell, OH
0952	Canonsburg, PA
0970	Camden, NY
0990	Canton, OH
0991	Canton, IL

0992	Cape Girardeau, MO
0993	Carbondale, PA
0994	Carlisle, PA
0995	Carnegie, PA
0996	Carrick, PA
0997	Carteret, NJ
0998	Carthage, MO
0999	Casper, WY
1000	Cape Coral, FL
1010	Cedar Rapids, IA
1020	Central Falls, RI
1021	Centralia, IL
1023	Chambersburg, PA
1024	Champaign, IL
1025	Chanute, KS
1026	Charleroi, PA
1027	Chandler, AZ
1030	Charlestown, MA
1050	Charleston, SC
1060	Carolina, PR
1070	Charleston, WV
1090	Charlotte, NC
1091	Charlottesville, VA
1110	Chattanooga, TN
1130	Chelsea, MA
1140	Cheltenham, PA
1150	Chesapeake, VA
1170	Chester, PA
1171	Cheyenne, WY

1190	Chicago, IL
1191	Chicago Heights, IL
1192	Chickasha, OK
1210	Chicopee, MA
1230	Chillicothe, OH
1250	Chula Vista, CA
1270	Cicero, IL
1290	Cincinnati, OH
1291	Clairton, PA
1292	Claremont, NH
1310	Clarksburg, WV
1311	Clarksdale, MS
1312	Cleburne, TX
1330	Cleveland, OH
1340	Cleveland Heights, OH
1341	Cliffside Park, NJ
1350	Clifton, NJ
1351	Clinton, IN
1370	Clinton, IA
1371	Clinton, MA
1372	Coatesville, PA
1373	Coffeyville, KS
1374	Cohoes, NY
1375	Collingswood, NJ
1390	Colorado Springs, CO
1410	Columbia, SC
1411	Columbia, PA
1412	Columbia, MO
1414	Columbia CDP, MD

1420	Columbia City, IN
1430	Columbus, GA
1450	Columbus, OH
1451	Columbus, MS
1452	Compton, CA
1470	Concord, CA
1490	Concord, NH
1491	Concord, NC
1492	Connellsville, PA
1493	Connersville, IN
1494	Conshohocken, PA
1495	Coraopolis, PA
1496	Corning, NY
1500	Corona, CA
1510	Council Bluffs, IA
1520	Corpus Christi, TX
1521	Corsicana, TX
1522	Cortland, NY
1523	Coshocton, OH
1530	Covington, KY
1540	Costa Mesa, CA
1545	Cranford, NJ
1550	Cranston, RI
1551	Crawfordsville, IN
1552	Cripple Creek, CO
1553	Cudahy, WI
1570	Cumberland, MD
1571	Cumberland, RI
1572	Cuyahoga Falls, OH

1590	Dallas, TX
1591	Danbury, CT
1592	Daly City, CA
1610	Danvers, MA
1630	Danville, IL
1631	Danville, VA
1650	Davenport, IA
1670	Dayton, OH
1671	Daytona Beach, FL
1680	Dearborn, MI
1690	Decatur, IL
1691	Decatur, AL
1692	Decatur, GA
1693	Dedham, MA
1694	Del Rio, TX
1695	Denison, TX
1710	Denver, CO
1711	Derby, CT
1713	Derry, PA
1730	Des Moines, IA
1750	Detroit, MI
1751	Dickson City, PA
1752	Dodge, KS
1753	Donora, PA
1754	Dormont, PA
1755	Dothan, AL
1770	Dorchester, MA
1790	Dover, NH
1791	Dover, NJ

1792	Du Bois, PA
1800	Downey, CA
1810	Dubuque, IA
1830	Duluth, MN
1831	Dunkirk, NY
1832	Dunmore, PA
1833	Duquesne, PA
1834	Dundalk, MD
1850	Durham, NC
1860	
1870	East Chicago, IN
1890	East Cleveland, OH
1891	East Hartford, CT
1892	East Liverpool, OH
1893	East Moline, IL
1910	East Los Angeles, CA
1930	East Orange, NJ
1931	East Providence, RI
1940	East Saginaw, MI
1950	East St. Louis, IL
1951	East Youngstown, OH
1952	Easthampton, MA
1970	Easton, PA
1971	Eau Claire, WI
1972	Ecorse, MI
1973	El Dorado, KS
1974	El Dorado, AR
1990	El Monte, CA
2010	El Paso, TX

2030	Elgin, IL
2040	Elyria, OH
2050	Elizabeth, NJ
2051	Elizabeth City, NC
2055	Elk Grove, CA
2060	Elkhart, IN
2061	Ellwood City, PA
2062	Elmhurst, IL
2070	Elmira, NY
2071	Elmwood Park, IL
2072	Elwood, IN
2073	Emporia, KS
2074	Endicott, NY
2075	Enfield, CT
2076	Englewood, NJ
2080	Enid, OK
2090	Erie, PA
2091	Escanaba, MI
2092	Euclid, OH
2110	Escondido, CA
2130	Eugene, OR
2131	Eureka, CA
2150	Evanston, IL
2170	Evansville, IN
2190	Everett, MA
2210	Everett, WA
2211	Fairfield, AL
2212	Fairfield, CT
2213	Fairhaven, MA

2214	Fairmont, WV
2220	Fargo, ND
2221	Faribault, MN
2222	Farrell, PA
2230	Fall River, MA
2240	Fayetteville, NC
2241	Ferndale, MI
2242	Findlay, OH
2250	Fitchburg, MA
2260	Fontana, CA
2270	Flint, MI
2271	Floral Park, NY
2273	Florence, AL
2274	Florence, SC
2275	Flushing, NY
2280	Fond du Lac, WI
2281	Forest Park, IL
2290	Fort Lauderdale, FL
2300	Fort Collins, CO
2301	Fort Dodge, IA
2302	Fort Madison, IA
2303	Fort Scott, KS
2310	Fort Smith, AR
2311	Fort Thomas, KY
2330	Fort Wayne, IN
2350	Fort Worth, TX
2351	Fostoria, OH
2352	Framingham, MA
2353	Frankfort, IN

2354	Frankfort, KY
2355	Franklin, PA
2356	Frederick, MD
2357	Freeport, NY
2358	Freeport, IL
2359	Fremont, OH
2360	Fremont, NE
2370	Fresno, CA
2390	Fullerton, CA
2391	Fulton, NY
2392	Gadsden, AL
2393	Galena, KS
2394	Gainesville, FL
2400	Galesburg, IL
2410	Galveston, TX
2411	Gardner, MA
2430	Garden Grove, CA
2435	Gardena, CA
2440	Garfield, NJ
2441	Garfield Heights, OH
2450	Garland, TX
2470	Gary, IN
2471	Gastonia, NC
2472	Geneva, NY
2473	Glen Cove, NY
2489	Glendale, AZ
2490	Glendale, CA
2491	Glens Falls, NY
2510	Gloucester, MA

2511	Gloucester, NJ
2512	Gloversville, NY
2513	Goldsboro, NC
2514	Goshen, IN
2515	Grand Forks, ND
2516	Grand Island, NE
2517	Grand Junction, CO
2520	Granite City, IL
2530	Grand Rapids, MI
2531	Grandville, MI
2540	Great Falls, MT
2541	Greeley, CO
2550	Green Bay, WI
2551	Greenfield, MA
2570	Greensboro, NC
2571	Greensburg, PA
2572	Greenville, MS
2573	Greenville, SC
2574	Greenville, TX
2575	Greenwich, CT
2576	Greenwood, MS
2577	Greenwood, SC
2578	Griffin, GA
2579	Grosse Pointe Park, MI
2580	Guynabo, PR
2581	Groton, CT
2582	Gulfport, MS
2583	Guthrie, OK
2584	Hackensack, NJ

2590	Hagerstown, MD
2591	Hamden, CT
2610	Hamilton, OH
2630	Hammond, IN
2650	Hampton, VA
2670	Hamtramck Village, MI
2680	Hannibal, MO
2681	Hanover, PA
2682	Harlingen, TX
2683	Hanover township, Luzerne county, PA
2690	Harrisburg, PA
2691	Harrisburg, IL
2692	Harrison, NJ
2693	Harrison, PA
2710	Hartford, CT
2711	Harvey, IL
2712	Hastings, NE
2713	Hattiesburg, MS
2725	Haverford, PA
2730	Haverhill, MA
2731	Hawthorne, NJ
2740	Hayward, CA
2750	Hazleton, PA
2751	Helena, MT
2752	Hempstead, NY
2753	Henderson, KY
2754	Herkimer, NY
2755	Herrin, IL
2756	Hibbing, MN

2757	Henderson, NV
2770	Hialeah, FL
2780	High Point, NC
2781	Highland Park, IL
2790	Highland Park, MI
2791	Hilo, HI
2792	Hillside, NJ
2810	Hoboken, NJ
2811	Holland, MI
2830	Hollywood, FL
2850	Holyoke, MA
2851	Homestead, PA
2870	Honolulu, HI
2871	Hopewell, VA
2872	Hopkinsville, KY
2873	Hoquiam, WA
2874	Hornell, NY
2875	Hot Springs, AR
2890	Houston, TX
2891	Hudson, NY
2892	Huntington, IN
2910	Huntington, WV
2930	Huntington Beach, CA
2950	Huntsville, AL
2951	Huron, SD
2960	Hutchinson, KS
2961	Hyde Park, MA
2962	Ilion, NY
2963	Independence, KS

2970	Independence, MO
2990	Indianapolis, IN
3010	Inglewood, CA
3011	Iowa City, IA
3012	Iron Mountain, MI
3013	Ironton, OH
3014	Ironwood, MI
3015	Irondequoit, NY
3020	Irvine, CA
3030	Irving, TX
3050	Irvington, NJ
3051	Ishpeming, MI
3052	Ithaca, NY
3070	Jackson, MI
3071	Jackson, MN
3090	Jackson, MS
3091	Jackson, TN
3110	Jacksonville, FL
3111	Jacksonville, IL
3130	Jamestown, NY
3131	Janesville, WI
3132	Jeannette, PA
3133	Jefferson City, MO
3134	Jeffersonville, IN
3150	Jersey City, NJ
3151	Johnson City, NY
3160	Johnson City, TN
3161	Johnstown, NY
3170	Johnstown, PA

3190	Joliet, IL
3191	Jonesboro, AR
3210	Joplin, MO
3230	Kalamazoo, MI
3231	Kankakee, IL
3250	Kansas City, KS
3260	Kansas City, MO
3270	Kearny, NJ
3271	Keene, NH
3272	Kenmore, NY
3273	Kenmore, OH
3290	Kenosha, WI
3291	Keokuk, IA
3292	Kewanee, IL
3293	Key West, FL
3294	Kingsport, TN
3300	Kent, WA
3310	Kingston, NY
3311	Kingston, PA
3312	Kinston, NC
3313	Klamath Falls, OR
3330	Knoxville, TN
3350	Kokomo, IN
3370	La Crosse, WI
3380	Lafayette, IN
3390	Lafayette, LA
3391	La Grange, IL
3392	La Grange, GA
3393	La Porte, IN

3394	La Salle, IL
3395	Lackawanna, NY
3396	Laconia, NH
3397	Historical Lafayette, LA
3400	Lake Charles, LA
3405	Lakeland, FL
3410	Lakewood, CO
3430	Lakewood, OH
3440	Lancaster, CA
3450	Lancaster, PA
3451	Lancaster, OH
3470	Lansing, MI
3471	Lansingburgh, NY
3480	Laredo, TX
3481	Latrobe, PA
3482	Laurel, MS
3490	Las Vegas, NV
3510	Lawrence, MA
3511	Lawrence, KS
3512	Lawton, OK
3513	Leadville, CO
3520	Leavenworth, KS
3521	Lebanon, PA
3522	Leominster, MA
3530	Lehigh, PA
3550	Lewiston, ME
3551	Lewistown, PA
3560	Lewisville, TX
3570	Lexington, KY

3590	Lexington-Fayette, KY
3610	Lima, OH
3630	Lincoln, NE
3631	Lincoln, IL
3632	Lincoln Park, MI
3633	Lincoln, RI
3634	Linden, NJ
3635	Little Falls, NY
3638	Lodi, NJ
3639	Logansport, IN
3650	Little Rock, AR
3670	Livonia, MI
3680	Lockport, NY
3690	Long Beach, CA
3691	Long Branch, NJ
3692	Long Island City, NY
3693	Longview, WA
3710	Lorain, OH
3730	Los Angeles, CA
3750	Louisville, KY
3765	Lower Merion, PA
3770	Lowell, MA
3771	Lubbock, TX
3772	Lynbrook, NY
3790	Lynchburg, VA
3800	Lyndhurst, NJ
3810	Lynn, MA
3830	Macon, GA
3850	Madison, IN

3870	Madison, WI
3871	Mahanoy City, PA
3890	Malden, MA
3891	Mamaroneck, NY
3910	Manchester, NH
3911	Manchester, CT
3912	Manhattan, KS
3913	Manistee, MI
3914	Manitowoc, WI
3915	Mankato, MN
3929	Maplewood, NJ
3930	Mansfield, OH
3931	Maplewood, MO
3932	Marietta, OH
3933	Marinette, WI
3934	Marion, IN
3940	Maywood, IL
3950	Marion, OH
3951	Marlborough, MA
3952	Marquette, MI
3953	Marshall, TX
3954	Marshalltown, IA
3955	Martins Ferry, OH
3956	Martinsburg, WV
3957	Mason City, IA
3958	Massena, NY
3959	Massillon, OH
3960	McAllen, TX
3961	Mattoon, IL

3962	Mcalester, OK
3963	Mccomb, MS
3964	Mckees Rocks, PA
3970	McKeesport, PA
3971	Meadville, PA
3990	Medford, MA
3991	Medford, OR
3992	Melrose, MA
3993	Melrose Park, IL
4010	Memphis, TN
4011	Menominee, MI
4030	Meriden, CT
4040	Meridian, MS
4041	Methuen, MA
4050	Mesa, AZ
4070	Mesquite, TX
4090	Metairie, LA
4110	Miami, FL
4120	Michigan City, IN
4121	Middlesboro, KY
4122	Middletown, CT
4123	Middletown, NY
4124	Middletown, OH
4125	Milford, CT
4126	Milford, MA
4127	Millville, NJ
4128	Milton, MA
4130	Milwaukee, WI
4150	Minneapolis, MN

4151	Minot, ND
4160	Mishawaka, IN
4161	Missoula, MT
4162	Mitchell, SD
4163	Moberly, MO
4170	Mobile, AL
4190	Modesto, CA
4210	Moline, IL
4211	Monessen, PA
4212	Monroe, MI
4213	Monroe, LA
4214	Monrovia, CA
4230	Montclair, NJ
4250	Montgomery, AL
4251	Morgantown, WV
4252	Morristown, NJ
4253	Moundsville, WV
4254	Mount Arlington, NJ
4255	Mount Carmel, PA
4256	Mount Clemens, MI
4260	Mount Lebanon, PA
4270	Moreno Valley, CA
4290	Mount Vernon, NY
4291	Mount Vernon, IL
4310	Muncie, IN
4311	Munhall, PA
4312	Murphysboro, IL
4313	Muscatine, IA
4330	Muskegon, MI

4331	Muskegon Heights, MI
4350	Muskogee, OK
4351	Nanticoke, PA
4370	Nantucket, MA
4390	Nashua, NH
4410	Nashville-Davidson, TN
4411	Nashville, TN
4413	Natchez, MS
4414	Natick, MA
4415	Naugatuck, CT
4416	Needham, MA
4420	Neptune, NJ
4430	New Albany, IN
4450	New Bedford, MA
4451	New Bern, NC
4452	New Brighton, NY
4470	New Britain, CT
4490	New Brunswick, NJ
4510	New Castle, PA
4511	New Castle, IN
4530	New Haven, CT
4550	New London, CT
4570	New Orleans, LA
4571	New Philadelphia, OH
4590	New Rochelle, NY
4610	New York, NY
4611	Brooklyn (only in census years before 1900)
4612	Williamsburgh, NY
4630	Newark, NJ

4650	Newark, OH
4670	Newburgh, NY
4690	Newburyport, MA
4710	Newport, KY
4730	Newport, RI
4750	Newport News, VA
4770	Newton, MA
4771	Newton, IA
4772	Newton, KS
4790	Niagara Falls, NY
4791	Niles, MI
4792	Niles, OH
4810	Norfolk, VA
4811	Norfolk, NE
4820	North Las Vegas, NV
4830	Norristown Borough, PA
4831	North Adams, MA
4832	North Attleborough, MA
4833	North Bennington, VT
4834	North Braddock, PA
4835	North Branford, CT
4836	North Haven, CT
4837	North Little Rock, AR
4838	North Platte, NE
4839	North Providence, RI
4840	Northampton, MA
4841	North Tonawanda, NY
4842	North Yakima, WA
4843	Northbridge, MA

4845	North Bergen, NJ
4860	Norwalk, CA
4870	Norwalk, CT
4890	Norwich, CT
4900	Norwood, OH
4901	Norwood, MA
4902	Nutley, NJ
4905	Oak Park, IL
4910	Oak Park Village, IL
4930	Oakland, CA
4950	Oceanside, CA
4970	Ogden, UT
4971	Ogdensburg, NY
4972	Oil City, PA
4990	Oklahoma City, OK
4991	Okmulgee, OK
4992	Old Bennington, VT
4993	Old Forge, PA
4994	Olean, NY
4995	Olympia, WA
4996	Olyphant, PA
5010	Omaha, NE
5011	Oneida, NY
5012	Oneonta, NY
5030	Ontario, CA
5040	Orange, CA
5050	Orange, NJ
5051	Orange, CT
5070	Orlando, FL

5090	Oshkosh, WI
5091	Oskaloosa, IA
5092	Ossining, NY
5110	Oswego, NY
5111	Ottawa, IL
5112	Ottumwa, IA
5113	Owensboro, KY
5114	Owosso, MI
5116	Painesville, OH
5117	Palestine, TX
5118	Palo Alto, CA
5119	Pampa, TX
5121	Paris, TX
5122	Park Ridge, IL
5123	Parkersburg, WV
5124	Parma, OH
5125	Parsons, KS
5130	Oxnard, CA
5140	Palmdale, CA
5150	Pasadena, CA
5170	Pasadena, TX
5180	Paducah, KY
5190	Passaic, NJ
5210	Paterson, NJ
5230	Pawtucket, RI
5231	Peabody, MA
5232	Peekskill, NY
5233	Pekin, IL
5240	Pembroke Pines, FL

5250	Pensacola, FL
5255	Pensauken, NJ
5269	Peoria, AZ
5270	Peoria, IL
5271	Peoria Heights, IL
5290	Perth Amboy, NJ
5291	Peru, IN
5310	Petersburg, VA
5311	Phenix City, AL
5330	Philadelphia, PA
5331	Kensington
5332	Moyamensing
5333	Northern Liberties
5334	Southwark
5335	Spring Garden
5341	Phillipsburg, NJ
5350	Phoenix, AZ
5351	Phoenixville, PA
5352	Pine Bluff, AR
5353	Piqua, OH
5354	Pittsburg, KS
5370	Pittsburgh, PA
5390	Pittsfield, MA
5391	Pittston, PA
5409	Plains, PA
5410	Plainfield, NJ
5411	Plattsburg, NY
5412	Pleasantville, NJ
5413	Plymouth, PA

5414	Plymouth, MA
5415	Pocatello, ID
5430	Plano, TX
5450	Pomona, CA
5451	Ponca City, OK
5460	Ponce, PR
5470	Pontiac, MI
5471	Port Angeles, WA
5480	Port Arthur, TX
5481	Port Chester, NY
5490	Port Huron, MI
5491	Port Jervis, NY
5500	Port St. Lucie, FL
5510	Portland, ME
5511	Portland, IL
5530	Portland, OR
5550	Portsmouth, NH
5570	Portsmouth, OH
5590	Portsmouth, VA
5591	Pottstown, PA
5610	Pottsville, PA
5630	Poughkeepsie, NY
5650	Providence, RI
5660	Provo, UT
5670	Pueblo, CO
5671	Punxsutawney, PA
5690	Quincy, IL
5710	Quincy, MA
5730	Racine, WI

5731	Rahway, NJ
5750	Raleigh, NC
5751	Ranger, TX
5752	Rapid City, SD
5770	Rancho Cucamonga, CA
5790	Reading, PA
5791	Red Bank, NJ
5792	Redlands, CA
5810	Reno, NV
5811	Rensselaer, NY
5830	Revere, MA
5850	Richmond, IN
5870	Richmond, VA
5871	Richmond, CA
5872	Ridgefield Park, NJ
5873	Ridgewood, NJ
5874	River Rouge, MI
5890	Riverside, CA
5910	Roanoke, VA
5930	Rochester, NY
5931	Rochester, NH
5932	Rochester, MN
5933	Rock Hill, SC
5950	Rock Island, IL
5970	Rockford, IL
5971	Rockland, ME
5972	Rockton, IL
5973	Rockville Centre, NY
5974	Rocky Mount, NC

5990	Rome, NY
5991	Rome, GA
5992	Roosevelt, NJ
5993	Roselle, NJ
5994	Roswell, NM
5995	Roseville, CA
5996	Rondout, NY
6010	Roxbury, MA
6011	Royal Oak, MI
6012	Rumford Falls, ME
6013	Rutherford, NJ
6014	Rutland, VT
6030	Sacramento, CA
6050	Saginaw, MI
6070	Saint Joseph, MO
6090	Saint Louis, MO
6110	Saint Paul, MN
6130	Saint Petersburg, FL
6150	Salem, MA
6170	Salem, OR
6171	Salem, OH
6172	Salina, KS
6190	Salinas, CA
6191	Salisbury, NC
6192	Salisbury, MD
6210	Salt Lake City, UT
6211	San Angelo, TX
6230	San Antonio, TX
6231	San Benito, TX

6250	San Bernardino, CA
6260	San Buenaventura (Ventura), CA
6270	San Diego, CA
6280	Sandusky, OH
6281	Sanford, FL
6282	Sanford, ME
6290	San Francisco, CA
6300	San Juan, PR
6310	San Jose, CA
6311	San Leandro, CA
6312	San Mateo, CA
6320	Santa Barbara, CA
6321	Santa Cruz, CA
6322	Santa Fe, NM
6326	Sandy Springs, GA
6330	Santa Ana, CA
6335	Santa Clara, CA
6340	Santa Clarita, CA
6350	Santa Rosa, CA
6351	Sapulpa, OK
6352	Saratoga Springs, NY
6353	Saugus, MA
6354	Sault Ste. Marie, MI
6360	Santa Monica, CA
6370	Savannah, GA
6390	Schenectedy, NY
6410	Scranton, PA
6430	Seattle, WA
6431	Sedalia, MO

6432	Selma, AL
6433	Seminole, OK
6434	Shaker Heights, OH
6435	Shamokin, PA
6437	Sharpsville, PA
6438	Shawnee, OK
6440	Sharon, PA
6450	Sheboygan, WI
6451	Shelby, NC
6452	Shelbyville, IN
6453	Shelton, CT
6470	Shenandoah Borough, PA
6471	Sherman, TX
6472	Shorewood, WI
6490	Shreveport, LA
6500	Simi Valley, CA
6510	Sioux City, IA
6530	Sioux Falls, SD
6550	Smithfield, RI (1850)
6570	Somerville, MA
6590	South Bend, IN
6591	South Bethlehem, PA
6592	South Boise, ID
6593	South Gate, CA
6594	South Milwaukee, WI
6595	South Norwalk, CT
6610	South Omaha, NE
6611	South Orange, NJ
6612	South Pasadena, CA

6613	South Pittsburgh, PA
6614	South Portland, ME
6615	South River, NJ
6616	South St. Paul, MN
6617	Southbridge, MA
6620	Spartanburg, SC
6630	Spokane, WA
6640	Spring Valley, NV
6650	Springfield, IL
6670	Springfield, MA
6690	Springfield, MO
6691	St. Augustine, FL
6692	St. Charles, MO
6693	St. Cloud, MN
6710	Springfield, OH
6730	Stamford, CT
6731	Statesville, NC
6732	Staunton, VA
6733	Steelton, PA
6734	Sterling, IL
6750	Sterling Heights, MI
6770	Steubenville, OH
6771	Stevens Point, WI
6772	Stillwater, MN
6789	Stowe, PA
6790	Stockton, CA
6791	Stoneham, MA
6792	Stonington, CT
6793	Stratford, CT

6794	Streator, IL
6795	Struthers, OH
6796	Suffolk, VA
6797	Summit, NJ
6798	Sumter, SC
6799	Sunbury, PA
6810	Sunnyvale, CA
6830	Superior, WI
6831	Swampscott, MA
6832	Sweetwater, TX
6833	Swissvale, PA
6850	Syracuse, NY
6870	Tacoma, WA
6871	Tallahassee, FL
6872	Tamaqua, PA
6890	Tampa, FL
6910	Taunton, MA
6911	Taylor, PA
6912	Temple, TX
6913	Teaneck, NJ
6930	Tempe, AZ
6950	Terre Haute, IN
6951	Texarkana, TX/AR
6952	Thomasville, GA
6953	Thomasville, NC
6954	Tiffin, OH
6960	Thousand Oaks, CA
6970	Toledo, OH
6971	Tonawanda, NY

6990	Topeka, KS
6991	Torrington, CT
6992	Traverse City, MI
7000	Torrance, CA
7010	Trenton, NJ
7011	Trinidad, CO
7030	Troy, NY
7050	Tucson, AZ
7070	Tulsa, OK
7071	Turtle Creek, PA
7072	Tuscaloosa, AL
7073	Two Rivers, WI
7074	Tyler, TX
7079	Union, NJ
7080	Union City, NJ
7081	Uniontown, PA
7082	University City, MO
7083	Urbana, IL
7084	Upper Darby, PA
7090	Utica, NY
7091	Valdosta, GA
7093	Valley Stream, NY
7100	Vancouver, WA
7110	Vallejo, CA
7111	Vandergrift, PA
7112	Venice, CA
7120	Vicksburg, MS
7121	Vincennes, IN
7122	Virginia, MN

7123	Virginia City, NV
7130	Virginia Beach, VA
7140	Visalia, CA
7150	Waco, TX
7151	Wakefield, MA
7152	Walla Walla, WA
7153	Wallingford, CT
7170	Waltham, MA
7180	Warren, MI
7190	Warren, OH
7191	Warren, PA
7210	Warwick Town, RI
7230	Washington, DC
7231	Georgetown, DC
7241	Washington, PA
7242	Washington, VA
7250	Waterbury, CT
7270	Waterloo, IA
7290	Waterloo, NY
7310	Watertown, NY
7311	Watertown, WI
7312	Watertown, SD
7313	Watertown, MA
7314	Waterville, ME
7315	Watervliet, NY
7316	Waukegan, IL
7317	Waukesha, WI
7318	Wausau, WI
7319	Wauwatosa, WI

7320	West Covina, CA
7321	Waycross, GA
7322	Waynesboro, PA
7323	Webb City, MO
7324	Webster Groves, MO
7325	Webster, MA
7326	Wellesley, MA
7327	Wenatchee, WA
7328	Weehawken, NJ
7329	West Bay City, MI
7330	West Hoboken, NJ
7331	West Bethlehem, PA
7332	West Chester, PA
7333	West Frankfort, IL
7334	West Hartford, CT
7335	West Haven, CT
7340	West Allis, WI
7350	West New York, NJ
7351	West Orange, NJ
7352	West Palm Beach, FL
7353	West Springfield, MA
7360	West Valley City, UT
7370	West Troy, NY
7371	West Warwick, RI
7372	Westbrook, ME
7373	Westerly, RI
7374	Westfield, MA
7375	Westfield, NJ
7376	Wewoka, OK

7377	Weymouth, MA
7390	Wheeling, WV
7400	White Plains, NY
7401	Whiting, IN
7402	Whittier, CA
7410	Wichita, KS
7430	Wichita Falls, TX
7450	Wilkes-Barre, PA
7460	Wilkinsburg, PA
7470	Williamsport, PA
7471	Willimantic, CT
7472	Wilmette, IL
7490	Wilmington, DE
7510	Wilmington, NC
7511	Wilson, NC
7512	Winchester, VA
7513	Winchester, MA
7514	Windham, CT
7515	Winnetka, IL
7516	Winona, MN
7530	Winston-Salem, NC
7531	Winthrop, MA
7532	Woburn, MA
7533	Woodlawn, PA
7534	Woodmont, CT
7535	Woodbridge, NJ
7550	Woonsocket, RI
7551	Wooster, OH
7570	Worcester, MA

7571	Wyandotte, MI
7572	Xenia, OH
7573	Yakima, WA
7590	Yonkers, NY
7610	York, PA
7630	Youngstown, OH
7631	Ypsilanti, MI
7650	Zanesville, OH

Variable: "CITYPOP"

Name:	CITYPOP
Label:	City population (identifiable cities only)
Variable Text:	<p>CITYPOP reports the population, in hundreds, for all identifiable cities.</p> <p>For Decennial Census samples, CITYPOP reports the counts collected in that Decennial Census.</p> <p>For the 2005 ACS sample, CITYPOP reports populations estimates derived for the 2005 ACS.</p> <p>For ACS samples from 2006-2011, CITYPOP reports population estimates derived from the 2006 ACS.</p> <p>For the 2012-onward ACS, CITYPOP reports population estimates derived from the ACS of that year.</p>
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	95
End Position:	101
Width:	7
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>CodesCITYPOP is a 5-digit numeric variable that reports the population, in hundreds, for all identifiable cities. For instance, a city having a population of 1,234,500 will have a CITYPOP value of 12345. For all samples prior to 1940 and the 1940 100% dataset, CITYPOP reports the population for all incorporated municipalities. For the 1850-1880 100% data sets, 1940 to 2000 and in the American Community Survey samples of 2005-onward, CITYPOP reports the population for all cities and areas that can be identified in the variable CITY.</p> <p>City populations are derived from the published American Community Survey Total Population tables accessed via the Census Bureau's online data dissemination platform. The tables are downloaded at the Place summary level and matched with the IPUMS-constructed PUMA Match Summary by Large Place crosswalk (available on the CITY comparability tab) to match the city populations with the correct city codes.</p> <p>CITYPOP 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</p>

	<p>(and data sample if specified).</p> <p>CITYPOP Specific Variable Codes 00000 = City not identified or unincorporated place 99999 = Missing</p>
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Variable: "STRATA"

Name:	STRATA
Label:	Household strata for variance estimation
Variable Text:	<p>STRATA is designed for use with CLUSTER in Taylor series linear approximation for correction of complex sample design characteristics.</p> <p>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.</p> <p>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 .</p>
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	102
End Position:	113
Width:	12
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>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).</p> <p>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.</p> <p>STRATA Specific Variable Codes</p>

Variable: "GQ"

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

	<p>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.</p> <p>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.</p>
Concept:	Group Quarters Variables -- HOUSEHOLD
Start Position:	114
End Position:	114
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: "MORTGAGE"

Name:	MORTGAGE
Label:	Mortgage status
Variable Text:	MORTGAGE indicates whether an owner-occupied housing unit was owned free and clear or was encumbered by a mortgage, loan, or other type of debt. (See also OWNERSHP.)
Concept:	Economic Characteristic Variables -- HOUSEHOLD

Start Position:	115
End Position:	115
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0	N/A
1	No, owned free and clear
2	Check mark on manuscript (probably yes)
3	Yes, mortgaged/ deed of trust or similar debt
4	Yes, contract to purchase

Variable: "MORTAMT1"

Name:	MORTAMT1
Label:	First mortgage monthly payment
Variable Text:	<p>MORTAMT1 reports the household's monthly first mortgage payment obligations, if any. It may include such extras as property taxes and insurance; other variables (TAXINCL, INSINCL) reveal whether these items were part of the mortgage payment. Amounts are given even if payments were delinquent or paid by someone outside the household. If respondents indicated that they had a second mortgage but not a first mortgage, the Census Bureau altered their response to say that they did have a first mortgage, with the amount specified in MORTAMT1.</p> <p>The universe for 2000 samples, the ACS and the PRCS samples rely on a "yes" response in the variable MORTGAGE.</p> <p>Amounts are expressed in contemporary dollars, and users studying change over time must adjust for inflation (See INCTOT for Consumer Price Index adjustment factors). The exception is the ACS/PRCS multi-year files, where all dollar amounts have been standardized to dollars as valued in the final year of data included in the file (e.g., 2007 dollars for the 2005-2007 3-year file). Additionally, more detail may be available than exists in the original ACS samples.</p>
Concept:	Economic Characteristic Variables -- HOUSEHOLD
Start Position:	116
End Position:	120
Width:	5

Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>CodesMORTAMT1 is a 5-digit numeric code which reports the household's monthly first mortgage payment obligations if any. It may also include additional related obligations such as property taxes and insurance; other variables (TAXINCL, INSINCL) reveal whether these items were part of the mortgage payment. Amounts are given even if payments were delinquent or paid by someone outside the household. If respondents indicated that they had a second mortgage but not a first mortgage, the Census Bureau altered their response to say that they did have a first mortgage, with the amount specified in MORTAMT1. MORTAMT1 specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below by Census year (and data sample if specified).</p> <p>User Note: Amounts are expressed in contemporary dollars, and users studying change over time must adjust for inflation (See Description). 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)</p> <p>MORTAMT1 Specific Variable Codes 00000 = N/A 00001 = No regular payment (1990, 2000, 2000-2002 ACS)</p> <pre>* .indent { text-indent: 10px; } * .lrgindent { text-indent: 90px; }</pre> <p>MORTAMT1</p> <p>Census Top Code</p> <p>1990 \$2,000*</p> <p>2000 \$3,000**</p> <p>ACS (2000) \$3,915**</p> <p>ACS (2001) \$4,100**</p> <p>ACS (2002) \$4,038**</p> <p>ACS (2003-onward) 99.5th Percentile in State**</p> <p>PRCS (2005-onward) 99.5th Percentile in State**</p>

Variable: "TAXINCL "

Name:	TAXINCL								
Label:	Mortgage payment includes property taxes								
Variable Text:	TAXINCL indicates whether the household's monthly mortgage payment amount, as reported in MORTOTAL for 1980 and in MORTAMT1 for the 1990-2000 censuses, the ACS, and the PRCS included state, local, and/or other real estate taxes.								
Concept:	Economic Characteristic Variables -- HOUSEHOLD								
Start Position:	121								
End Position:	121								
Width:	1								
Variable Format:	numeric								
Implied Decimal Places:	0								
Categories									
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>N/A</td></tr> <tr> <td>1</td><td>No</td></tr> <tr> <td>2</td><td>Yes</td></tr> </tbody> </table>		Value	Label	0	N/A	1	No	2	Yes
Value	Label								
0	N/A								
1	No								
2	Yes								

Variable: "INSINCL"

Name:	INSINCL
Label:	Mortgage payment includes property insurance
Variable Text:	INSINCL indicates whether the household's monthly mortgage payment amounts, as reported in MORTOTAL for 1980 and in MORTAMT1 for the 1990-2000 censuses, the ACS and the PRCS, covered property (e.g., fire, hazard, flood) insurance premiums. Liability premiums were included only if they were paid with the other premiums and could not be separated.
Concept:	Economic Characteristic Variables -- HOUSEHOLD
Start Position:	122
End Position:	122
Width:	1

Variable Format:	numeric								
Implied Decimal Places:	0								
Categories									
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>N/A</td></tr> <tr> <td>1</td><td>No</td></tr> <tr> <td>2</td><td>Yes, payment includes insurance premiums</td></tr> </tbody> </table>		Value	Label	0	N/A	1	No	2	Yes, payment includes insurance premiums
Value	Label								
0	N/A								
1	No								
2	Yes, payment includes insurance premiums								

Variable: "PROPINSR"

Name:	PROPINSR
Label:	Annual property insurance cost
Variable Text:	<p>PROPINSR reports the household's annual property (fire, hazard, flood) insurance costs. In 1990, respondents were told to report the full amount, even if payments were delinquent or paid by someone outside the household. They were not to include unpaid obligations from previous years. These detailed instructions were not part of the questionnaire for the 2000 census, the ACS or the PRCS.</p> <p>Amounts are expressed in contemporary dollars, and users studying change over time must adjust for inflation. See INCTOT for Consumer Price Index adjustment factors. The exception is the ACS/PRCS multi-year files, where all dollar amounts have been standardized to dollars as valued in the final year of data included in the file (e.g., 2007 dollars for the 2005-2007 3-year file). Additionally, more detail may be available than exists in the original ACS samples.</p> <p>User Note: ACS respondents are surveyed throughout the year, and amounts do not reflect calendar year dollars. While the Census Bureau provides an adjustment factor (available in ADJUST), this is an imperfect solution. See the ACS income variables note for further details.</p>
Concept:	Economic Characteristic Variables -- HOUSEHOLD
Start Position:	123
End Position:	126
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesPROPINSR is a 4-digit numeric code which reports the household's annual property (fire, hazard, and flood) insurance costs. In 1990, respondents were told to report the full amount, even if payments were delinquent or paid by someone outside the household. They were not to include unpaid obligations from previous years. These detailed instructions were not part of the questionnaire for the 2000 census, the ACS or the PRCS. PROPINSR 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). 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)

PROPINSR Specific Variable Codes

0000 = N/A

0001 = \$0

9999 = IPUMS Top Code

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

```
*.lrgindent {  
text-indent: 90px;  
}
```

PROPINSR

Sample
Top Code

1990
\$3,100*

2000
\$2,500**

ACS (2000-2001)
\$3,000**

ACS (2002)
\$3,368**

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

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

Variable: "PROPTX99"

Name:	PROPTX99
Label:	Annual property taxes, 1990
Variable Text:	PROPTX99 reports the household's total real estate tax costs (state, local, and other) for the previous year. In 1990, respondents were told to report the full amount, even if payments were included in their mortgage payment, were delinquent, or were paid by someone outside the household. They were not to include unpaid obligations from previous years. These detailed instructions were not part of the questionnaire for the 2000 census and the ACS and the PRCS.
Concept:	Economic Characteristic Variables -- HOUSEHOLD
Start Position:	127

End Position:	128
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
00	N/A (GQ/vacant/not owned or being bought/not a one-family h
01	None
02	\$1-49 (\$2-49 in 1990 PR Samples)
03	\$ 50 - 99
04	\$ 100 - 149
05	\$ 150 - 199
06	\$ 200 - 249
07	\$ 250 - 299
08	\$ 300 - 349
09	\$ 350 - 399
10	\$ 400 - 449
11	\$ 450 - 499
12	\$ 500 - 549
13	\$ 550 - 599
14	\$ 600 - 649
15	\$ 650 - 699
16	\$ 700 - 749
17	\$ 750 - 799
18	\$ 800 - 849
19	\$ 850 - 899

20	\$ 900 - 949
21	\$ 950 - 999
22	\$ 1,000 - 1,099
23	\$ 1,100 - 1,199
24	\$ 1,200 - 1,299
25	\$ 1,300 - 1,399
26	\$ 1,400 - 1,499
27	\$ 1,500 - 1,599
28	\$ 1,600 - 1,699
29	\$ 1,700 - 1,799
30	\$ 1,800 - 1,899
31	\$ 1,900 - 1,999
32	\$ 2,000 - 2,099
33	\$2100-2199 (\$2199+ 1990 PR Samples)
34	\$ 2,200 - 2,299
35	\$ 2,300 - 2,399
36	\$ 2,400 - 2,499
37	\$ 2,500 - 2,599
38	\$ 2,600 - 2,699
39	\$ 2,700 - 2,799
40	\$ 2,800 - 2,899
41	\$ 2,900 - 2,999
42	\$ 3,000 - 3,099
43	\$ 3,100 - 3,199
44	\$ 3,200 - 3,299
45	\$ 3,300 - 3,399
46	\$ 3,400 - 3,499
47	\$ 3,500 - 3,599
48	\$ 3,600 - 3,699

49	\$ 3,700 - 3,799
50	\$ 3,800 - 3,899
51	\$ 3,900 - 3,999
52	\$ 4,000 - 4,099
53	\$ 4,100 - 4,199
54	\$ 4,200 - 4,299
55	\$ 4,300 - 4,399
56	\$ 4,400 - 4,499
57	\$4500 (1990 U.S. Samples)
58	\$4500-4599 (\$4501+ 1990 U.S. Samples)
59	\$4600 - 4699
60	\$4700 - 4799
61	\$4800 - 4899
62	\$4900 - 4999
63	\$5000 - 5499
64	\$5500 - 5999
65	\$6000 - 6999
66	\$7000 - 7999
67	\$8000-8999 (\$8000-9099 in 2000)
68	\$9000-9999 (\$9100+ in 2000)
69	\$10,000+

Variable: "RENT"

Name:	RENT
Label:	Monthly contract rent
Variable Text:	<p>RENT reports the amount of the household's monthly contract rent payment. For vacant units (included beginning in 1970), RENT reports the amount for which landlord expected to rent the unit. This amount includes utilities, fuels, etc. only if they were included in the rent contract. Respondents were to report the full contract amount, even if payments were delinquent or made by someone outside the household. See also RENTGRS.</p> <p>Amounts are expressed in contemporary dollars, and users studying change over time must adjust for inflation. See INCTOT for Consumer Price Index adjustment factors. The exception is the ACS/PRCS multi-year files, where all dollar amounts have been standardized to dollars as valued in the final year of data included in the file (e.g., 2007 dollars for the 2005-2007 3-year file). Additionally, more detail may be available than exists in the original ACS samples.</p>

	User Note: The traditional unit of land area in Puerto Rico is the cuerda. The cuerda is equal to about 3930 square meters, 4700 square yards, or 0.971 acres. Because the cuerda and the acre are so close in size, they are often treated informally as being equal. Mainlanders sometimes call the cuerda the "Spanish Acre." The IPUMS has preserved the units for the mainland U.S. as acres and for Puerto Rico as cuerdas.
Concept:	Economic Characteristic Variables -- HOUSEHOLD
Start Position:	129
End Position:	132
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0000	N/A
0001	No cash rent (1980-1990)
0015	Less than \$30 (1980 Puerto Rico Samples)
0025	\$1-50
0010	\$1-19
0002	
0003	
0004	
0005	
0006	
0007	
0008	
0009	
0011	
0012	
0013	

0014	
0016	
0017	
0018	
0019	
0020	
0021	
0022	
0023	
0024	
0026	
0027	
0028	
0029	
0035	\$30-39
0030	
0031	
0032	
0033	
0034	
0036	
0037	
0038	
0039	
0045	\$40-49
0040	
0041	
0042	
0043	

0044	
0046	
0047	
0048	
0049	
0055	\$50-59
0050	
0051	
0052	
0053	
0054	
0056	
0057	
0058	
0059	
0065	\$60-69
0060	
0061	
0062	
0063	
0064	
0066	
0067	
0068	
0069	
0075	\$70-79
0070	
0071	
0072	

0073	
0074	
0076	
0077	
0078	
0079	
0085	\$80-89
0090	\$80-99 (1960 1%)
0080	
0081	
0082	
0083	
0084	
0086	
0087	
0088	
0089	
0091	
0092	
0093	
0094	
0095	
0096	
0097	
0098	
0099	
0110	\$100-119 (1960 1%)
0100	
0101	

0102	
0103	
0104	
0105	
0106	
0107	
0108	
0109	
0115	\$110-119
0125	\$120-129
0135	\$120-149 (1960 1%)
0145	\$140-149
0155	\$150-159
0165	\$160-169
0175	\$150-199 (1960 1%)
0185	\$180-189
0195	\$190-199
0212	\$200-224
0237	\$225-249
0275	\$250-299 (Puerto Rico)
0262	\$250-274
0287	\$275-299
0325	\$300-349
0375	\$350-399
0450	\$400-499 (\$400+ Puerto Rico)
0500	\$500+
0200	\$200+ (1960 1%)
0112	\$100-124
0137	\$125-149

0162	\$150-174
0187	\$175-199
0282	\$275-299
0312	\$300-324
0337	\$325-349
0362	\$350-374
0387	\$375-399
0412	\$400-424
0437	\$425-449
0462	\$450-474
0487	\$475-499
0525	\$500-549 (Puerto Rico)
0512	\$500-524
0537	\$525-549
0575	\$550-599
0625	\$600-649
0675	\$650-699
0725	\$700-749
0875	\$750-999
1000	\$1,000+
8888	1960s cases to be allocated
9997	
9998	
9999	No cash rent (1940)
-001	

Variable: "RENTGRS"

Name:	RENTGRS
Label:	Monthly gross rent

Variable Text:	<p>RENTGRS reports the gross monthly rental cost of the housing unit, including contract rent plus additional costs for utilities (water, electricity, gas) and fuels (oil, coal, kerosene, wood, etc.). The census PUMS for each year constructed this variable by adding the amounts reported for contract rent, utility costs, and fuel costs. RENTGRS amounts should be more comparable across renting households than RENT (Contract rent) amounts, which may or may not include utilities and fuels. See RENT for more discussion of contract rent.</p> <p>Amounts are expressed in contemporary dollars, and users studying change over time must adjust for inflation (See INCTOT for Consumer Price Index adjustment factors). The exception is the ACS/PRCS multi-year files, where all dollar amounts have been standardized to dollars as valued in the final year of data included in the file (e.g., 2007 dollars for the 2005-2007 3-year file). Additionally, more detail may be available than exists in the original ACS samples.</p>
Concept:	Economic Characteristic Variables -- HOUSEHOLD
Start Position:	133
End Position:	137
Width:	5
Variable Format:	numeric
Implied Decimal Places:	0
Categories	

Value	Label
00000	N/A
00010	\$1-19
00025	\$20-29
00035	\$30-39
00045	\$40-49
00055	\$50-59
00065	\$60-69
00075	\$70-79
00090	\$80-99
00110	\$100-119
00135	\$120-149
00175	\$150-199
00200	\$200+

Variable: "HHINCOME"

Name:	HHINCOME
Label:	Total household income
Variable Text:	<p>HHINCOME reports the total money income of all household members age 15+ during the previous year. The amount should equal the sum of all household members' individual incomes, as recorded in the person-record variable INCTOT. The persons included were those present in the household at the time of the census or survey. People who lived in the household during the previous year but who were no longer present at census time are not included, and members who did not live in the household during the previous year but who had joined the household by the time of the census or survey, are included. For the census, the reference period is the previous calendar year; for the ACS and the PRCS, it is the previous 12 months.</p> <p>Note that household income differs from family income, which is reported in FTOTINC. The family income variable only reports the incomes of household members related to the head, while HHINCOME includes the incomes of all household members.</p> <p>Amounts are expressed in contemporary dollars, and users studying change over time must adjust for inflation (See INCTOT for Consumer Price Index adjustment factors). The exception is the ACS/PRCS multi-year files, where all dollar amounts have been standardized to dollars as valued in the final year of data included in the file (e.g., 2007 dollars for the 2005-2007 3-year file). Additionally, more detail may be available than exists in the original ACS samples.</p> <p>User Note: ACS respondents are surveyed throughout the year, and amounts do not reflect calendar year dollars. While the Census Bureau provides an adjustment factor (available in ADJUST), this is an imperfect solution. See the ACS income variables note for further details.</p>
Concept:	Economic Characteristic Variables -- HOUSEHOLD

Start Position:	138
End Position:	144
Width:	7
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>CodesHHINCOME is a 7-digit numeric code which reports the total money income of all household members age 15+ during the previous year. The amount should equal the sum of all household members' individual incomes, as recorded in the person-record variable INCTOT. The persons included were those present in the household at the time of the census or survey. People who lived in the household during the previous year but who were no longer present at census time are not included, and members who did not live in the household during the previous year but who had joined the household by the time of the census or survey, are included. For the census, the reference period is the previous calendar year; for the ACS and the PRCS, it is the previous 12 months. Note that household income differs from family income, which is reported in FTOTINC. The family income variable only reports the incomes of household members related to the head, while HHINCOME includes the incomes of all household members. HHINCOME specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below by Census year (and data sample if specified).</p> <p>User Note: Amounts are expressed in contemporary dollars, and users studying change over time must adjust for inflation (See Description).</p> <p>HHINCOME Specific Variable Codes 9999999 = N/A</p> <pre>*.indent { text-indent: 10px; } *.lrgindent { text-indent: 90px; }</pre> <p>HHINCOME</p> <p>Census Bottom Code Top Code</p> <p>1980 (US) -\$9,995 \$75,000</p> <p>1980 (PR) - \$50,000</p> <p>1990 (US) \$0 By State*</p> <p>1990 (PR) -\$59,999 -</p> <p>2000 (US) -\$19,998</p>

	- 2000 (PR) - - ACS -\$19,998 - PRCS - -
--	-----------------------------------------------------------------------------

Variable: "VALUEH"

Name:	VALUEH
Label:	House value
Variable Text:	<p>VALUEH reports the value of housing units in contemporary dollars. For 1930, 1940, and from 2008 onward, VALUEH is a continuous variable. The other years report the midpoint of an interval; see codes and frequencies for intervals.</p> <p>User Note: Universe shifts and changing methods of determining value complicate use of this variable for comparisons across years. Furthermore, dollar amounts were intervalled differently for each year, and the top codes changed. Users must adjust for the effects of inflation; see INCTOT for Consumer Price Index adjustment factors.</p> <p>User Note: The traditional unit of land area in Puerto Rico is the cuerda. The cuerda is equal to about 3930 square meters, 4700 square yards, or 0.971 acres. Because the cuerda and the acre are so close to being equal, they are often treated informally as being equal. Mainlanders sometimes call the unit the "Spanish Acre." The IPUMS has preserved the units for the mainland U.S. as acres and Puerto Rico as cuerdas.</p>
Concept:	Economic Characteristic Variables -- HOUSEHOLD
Start Position:	145
End Position:	151
Width:	7
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0000000	\$0 (1940)
0000250	Less than \$500

0000500	Less than \$999
0001000	Less than \$2,000
0001500	\$2,000-\$1,999
0002500	Less than \$5,000
0003500	\$3,000-\$3,999
0004000	\$3,000-\$4,999
0004500	\$4,000-\$4,999
0005000	Less than \$10,000
0006250	\$5,000 - 7,499
0008750	\$7,500 - 9,999
0012500	\$10,000 - 14,999
0011250	\$10,000 - 12,499
0013750	\$12,500 - 14,999
0017500	\$15,000 - 19,999
0016250	\$15,000 - 17,499
0018750	\$17,500 - 19,999
0025000	\$20,000-\$29,999
0022500	\$20,000 - 24,999
0021250	\$20,000 - 22,499
0023750	\$22,500 - 24,999
0030000	\$25,000 - 34,999
0026250	\$25,000 - 27,499
0027500	\$25,000 - 29,999
0028750	\$27,500 - 29,999
0032500	\$30,000 - 34,999
0031250	\$30,000-\$32,499
0033750	\$32,500-\$34,999
0035000	\$35,000+
0042500	\$35,000 - 49,999

0037500	\$35,000 - 39,999
0036250	\$35,000-\$37,499
0038750	\$37,500-\$39,999
0045000	\$40,000 - 49,999
0042499	\$40,000 - 44,999
0047500	\$45,000 - 49,999
0050000	\$50,000+
0055000	\$50,000 - 59,999
0052500	\$50,000 - 54,999
0057500	\$55,000 - 59,999
0065000	\$60,000 - 69,999
0062500	\$60,000 - 64,999
0067500	\$65,000 - 69,999
0075000	\$70,000 - 79,999
0072500	\$70,000 - 74,999
0077500	\$75,000 - 79,999
0087500	\$75,000-\$99,999
0085000	\$80,000 - 89,999
0095000	\$90,000 - 99,999
0100000	\$100,000+
0112500	\$100,000 - 124,999
0137500	\$125,000 - 149,999
0175000	\$150,000 - 199,999
0162500	\$150,000 - 174,999
0187500	\$175,000 - 199,999
0200000	\$200,000+
0225000	\$200,000 - 249,999
0275000	\$250,000 - 299,999
0350000	\$300,000 - 399,999

0400000	\$400,000+
0450000	\$400,000 - 499,999
0625000	\$500,000 - 749,999
0875000	\$750,000 - 999,999
1000000	\$1,000,000+
9999998	Missing
9999999	N/A

Variable: "KITCHEN"

Name:	KITCHEN
Label:	Kitchen or cooking facilities
Variable Text:	KITCHEN indicates whether the housing unit contained kitchen facilities.
Concept:	Dwelling Characteristic Variables -- HOUSEHOLD
Start Position:	152
End Position:	152
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0	N/A
1	No
2	No, or shared use
3	Yes, shared use
4	Yes (shared or exclusive use)
5	Yes, exclusive use

Variable: "ROOMS"

Name:	ROOMS
Label:	Number of rooms
Variable Text:	ROOMS reports the number of whole rooms used for living purposes that are contained in the housing unit.
Concept:	Dwelling Characteristic Variables -- HOUSEHOLD
Start Position:	153
End Position:	154
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
00	N/A
01	1 room
02	2
03	3
04	4
05	5
06	6
07	7
08	8
09	9 (9+, 1960-2007)
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
30	30

Variable: "PLUMBING"

Name:	PLUMBING
Label:	Plumbing facilities
Variable Text:	<p>PLUMBING indicates whether the housing unit contained complete plumbing facilities. For the available 1960 through 1980 samples, it also indicates whether the unit had partial facilities. For 1980, it indicates whether these plumbing facilities were shared with other households.</p> <p>For 1960 and 1970, "complete plumbing facilities" meant piped hot and cold water (running hot and cold water in 1960), a flush toilet, and a bathtub or shower, all within the structure and used only by the occupants of that housing unit. The 1980 definition was the same, except the facilities had to be within the housing unit (as opposed to "structure" in 1960 and 1970), and units with complete plumbing shared with other households were identified separately. The definition in the 1990 U.S. census, the 2000 U.S. and Puerto Rican Censuses, the 2000-onward ACS and the 2005-onward PRCS were the same as for 1980, except there was no inquiry about whether the facilities were shared.</p> <p>Users may also want to consult the variables TOILET and TOILET2, which indicate the presence of a flush toilet within the structure and the location and type of toilet facilities available for use by residents, respectively. Additionally, SHOWER provides information on the presence of a permanently installed bathtub or shower. TOILET, TOILET2, and SHOWER are available for the 1960 U.S. Census, the 1970 U.S. and Puerto Rican Censuses and the 1980-1990 Puerto Rican Censuses.</p>
Concept:	Dwelling Characteristic Variables -- HOUSEHOLD
Start Position:	155
End Position:	156
Width:	2

Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
00	N/A
10	Without complete plumbing
11	Lacking only hot water
12	Lacking other or all plumbing facilities
13	Has some facilities
14	Has no facilities
20	With complete plumbing
21	Used only by household
22	Shared with others

Variable: "BUILTYR2"

Name:	BUILTYR2
Label:	Age of structure, decade
Variable Text:	<p>BUILTYR2 reports the decade in which the structure was built.</p> <p>This variable is particularly susceptible to response errors and non-reporting since respondents often relied on their memory or estimation to arrive at an answer.</p>
Concept:	Dwelling Characteristic Variables -- HOUSEHOLD
Start Position:	157
End Position:	158
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
00	N/A
01	1939 or earlier
02	1940-1949
03	1950-1959
04	1960-1969
05	1970-1979
06	1980-1989
07	1990-1994 (1990-1999 in the 2005-onward ACS and the PRCS)
08	1995-1999 (1995-1998 in the 2000-2002 ACS)
09	2000-2004 (1999-2002 in the 2000-2002 ACS, 2000-2009 in the 2021-onward ACS and PRCS)
10	2005 (2005 or later in datasets containing 2005, 2006, or 2007 ACS/PRCS data)
11	2006
12	2007
13	2008
14	2009
15	2010 (2010-2019 in the 2021-onward ACS and PRCS)
16	2011
17	2012
18	2013
19	2014
20	2015
21	2016
22	2017
23	2018
24	2019
25	2020
26	2021

27	2022
----	------

Variable: "UNITSSTR"

Name:	UNITSSTR
Label:	Units in structure
Variable Text:	<p>UNITSSTR reports the number of housing units (both occupied and vacant) in the structure containing the household. Stores and office space in the same building are not included in the count. Detached one-unit structures have open spaces on all four sides, or are joined to only sheds or garages. Attached one-unit structures are joined to another house or building by a dividing wall that goes from ground to roof.</p> <p>In 1960, not all households received this question, and only 80 percent of cases in the IPUMS include the question. Such cases accurately represent proportional distributions but not correct absolute numbers for the total population. See SAMP1960 for instructions on making appropriate corrections to derive absolute numbers for the total population.</p>
Concept:	Dwelling Characteristic Variables -- HOUSEHOLD
Start Position:	159
End Position:	160
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
00	N/A
01	Mobile home or trailer
02	Boat, tent, van, other
03	1-family house, detached
04	1-family house, attached
05	2-family building
06	3-4 family building
07	5-9 family building
08	10-19 family building

09	20-49 family building
10	50+ family building

Variable: "BEDROOMS"

Name:	BEDROOMS
Label:	Number of bedrooms
Variable Text:	<p>BEDROOMS reports the number of bedrooms within the housing unit.</p> <p>In 1960, not all households received this question, and only 20 percent of cases in the IPUMS include the question. Such cases accurately represent proportional distributions but not correct absolute numbers for the total population. See SAMP1960 for instructions on making appropriate corrections to derive absolute numbers for the total population.</p> <p>The Census Bureau released revised data for the 2008 and 2006-8 multiyear ACS in November 2010. The original releases erroneously assigned values of zero bedrooms for some missing values instead of imputing values for the number of bedrooms. Please seeACS Errata #54 and #64 for more information about the errors and the revisions. The revised releases correct this error. BEDROOMS reports these revised values.</p> <p>We provide the original values in BEDROOMSORIG so that users can analyze the differences in the revisions or replicate previous analyses. However, we recommend that users analyze the revised variable BEDROOMS in their research.</p> <p>User Note: After removing the "not applicable" category (coded 00), to get the actual number of bedrooms, users must subtract 1 from the value of BEDROOMS.</p>
Concept:	Dwelling Characteristic Variables -- HOUSEHOLD
Start Position:	161
End Position:	162
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
00	N/A
01	No bedrooms
02	1
03	2

04	3
05	4 (1970-2000, 2000-2007 ACS/PRCS)
06	5+ (1970-2000, 2000-2007 ACS/PRCS)
07	6
08	7
09	8
10	9
11	10
12	11
13	12
14	13
15	14
16	15
17	16
18	17
19	18
20	19
21	20
22	21

Variable: "PERNUM"

Name:	PERNUM
Label:	Person number in sample unit
Variable Text:	PERNUM numbers all persons within each household consecutively in the order in which they appear on the original census or survey form. When combined with SAMPLE and SERIAL, PERNUM uniquely identifies each person within the IPUMS.
Concept:	Technical Variables -- PERSON
Start Position:	163
End Position:	166
Width:	4

Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>Codes</p> <p>PERNUM is a 4-digit numeric variable which numbers all persons within each household consecutively in the order in which they appear on the original census or survey form. PERNUM specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below if applicable by Census year (and data sample if specified).</p>

Variable: "PERWT"

Name:	PERWT
Label:	Person weight
Variable Text:	<p>PERWT indicates how many persons in the U.S. population are represented by a given person in an IPUMS sample.</p> <p>It is generally a good idea to use PERWT when conducting a person-level analysis of any IPUMS sample. The use of PERWT is optional when analyzing one of the "flat" or unweighted IPUMS samples. Flat IPUMS samples include the 1% samples from 1850-1930, all samples from 1960, 1970, and 1980, the 1% unweighted samples from 1990 and 2000, the 10% 2010 sample, and any of the full count 100% census datasets. PERWT must be used to obtain nationally representative statistics for person-level analyses of any sample other than those.</p> <p>For further explanation of the sample weights, see "Sample Designs" 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.</p>
Concept:	Technical Variables -- PERSON
Start Position:	167
End Position:	176
Width:	10
Variable Format:	numeric
Implied Decimal Places:	2
Coder Instructions:	<p>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).</p> <p>PERWT Specific Variable Codes</p>

Variable: "SEX"

Name:	SEX
Label:	Sex

Variable Text:	SEX reports whether the person was male or female.								
Concept:	Demographic Variables -- PERSON								
Start Position:	177								
End Position:	177								
Width:	1								
Variable Format:	numeric								
Implied Decimal Places:	0								
Categories									
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>1</td><td>Male</td></tr> <tr> <td>2</td><td>Female</td></tr> <tr> <td>9</td><td>Missing/blank</td></tr> </tbody> </table>		Value	Label	1	Male	2	Female	9	Missing/blank
Value	Label								
1	Male								
2	Female								
9	Missing/blank								

Variable: "AGE"

Name:	AGE		
Label:	Age		
Variable Text:	<p>AGE reports the person's age in years as of the last birthday.</p> <p>Please see the Comparability section regarding a known Universe issue with AGE and AGEORIG which effects EMPSTAT and LABFORCE for the 2004 ACS Sample.</p>		
Concept:	Demographic Variables -- PERSON		
Start Position:	178		
End Position:	180		
Width:	3		
Variable Format:	numeric		
Implied Decimal Places:	0		
Categories			
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> </tbody> </table>		Value	Label
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: "MARST"

Name:	MARST
Label:	Marital status
Variable Text:	MARST gives each person's current marital status.
Concept:	Demographic Variables -- PERSON
Start Position:	181

End Position:	181
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