



User Extract usa_00001.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_00001.dat'
Identification Number:	ddi2-25544b30-23c9-0136-dbf5-005056a35405-usa_00001.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:	July 13, 2021
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_00001.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:	2021-07-13

Study Scope

Subject Information	
Topic Classification:	Technical Variables -- HOUSEHOLD

	Geographic Variables -- HOUSEHOLD
	Group Quarters Variables -- HOUSEHOLD
	Dwelling Characteristic Variables -- HOUSEHOLD
	Appliances, Mechanical, Other Variables -- HOUSEHOLD
	Household Composition Variables -- HOUSEHOLD
	Technical Variables -- HOUSEHOLD
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
Notes	
Note:	Additional notes on a sample that is part of this study: 2005-2007, ACS 3-year Density of the full data file: 3.0% Density of this extract: 0.0%
	Additional notes on a sample that is part of this study: 2006-2008, ACS 3-year Density of the full data file: 3.0% Density of this extract: 0.0%

	Additional notes on a sample that is part of this study: 2005-2009, ACS 5-year Density of the full data file: 5.0% Density of this extract: 0.0%
	Additional notes on a sample that is part of this study: 2006-2010, ACS 5-year Density of the full data file: 5.0% Density of this extract: 0.0%
	Additional notes on a sample that is part of this study: 2007-2011, ACS 5-year Density of the full data file: 5.0% Density of this extract: 0.0%
	Additional notes on a sample that is part of this study: 2008-2012, ACS 5-year Density of the full data file: 5.0% Density of this extract: 0.0%
	Additional notes on a sample that is part of this study: 2009-2013, ACS 5-year Density of the full data file: 5.0% Density of this extract: 0.0%
	Additional notes on a sample that is part of this study: 2010-2014, ACS 5-year Density of the full data file: 5.0% Density of this extract: 0.0%
	Additional notes on a sample that is part of this study: 2011-2015, ACS 5-year Density of the full data file: 5.0% Density of this extract: 0.0%
	Additional notes on a sample that is part of this study: 2012-2016, ACS 5-year Density of the full data file: 5.0% Density of this extract: 0.0%
	Additional notes on a sample that is part of this study: 2013-2017, ACS 5-year Density of the full data file: 5.0% Density of this extract: 0.0%
	Additional notes on a sample that is part of this study: 2014-2018, ACS 5-year Density of the full data file: 5.0% Density of this extract: 0.0%
	Additional notes on a sample that is part of this study: 2015-2019, ACS 5-year Density of the full data file: 5.0% Density of this extract: 0.0%

Data Access - Use Statement

Confidentiality Declaration	
None	
Contact Persons:	IPUMS-USA
Affiliation:	IPUMS

URI:

<http://usa.ipums.org>

Citation Requirement

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

Steven Ruggles, Sarah Flood, Sophia Foster, Ronald Goeken, Jose Pacas, Megan Schouweiler and Matthew Sobek. IPUMS USA: Version 11.0 [dataset]. Minneapolis, MN: IPUMS, 2021.
<https://doi.org/10.18128/D010.V11.0>

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/>.

Conditions

Users of IPUMS-USA data must agree to abide by the conditions of use. A user's license is valid for one year and may be renewed. Users must agree to the following conditions:

- (1) No fees may be charged for use or distribution of the data.
- (2) Cite IPUMS appropriately. For information on proper citation, refer to the citation requirement section of this DDI document.
- (3) Tell us about any work you do using the IPUMS. Publications, research reports, or presentations making use of IPUMS-USA should be added to our Bibliography. Continued funding for the IPUMS depends on our ability to show our sponsor agencies that researchers are using the data for productive purposes.
- (4) The IPUMS cannot be used for genealogical research
- (5) It is difficult to use the IPUMS to study small geographic areas. In the IPUMS census samples for years 1940-present, no places having a population of fewer than 100,000 persons can be identified.
- (6) Use it for GOOD -- never for EVIL.
- (7) Please notify ipums@umn.edu regarding errors in the data or documentation.

Disclaimer

The user of the data acknowledges that the original collector of the data, the authorized distributor of the data, and the relevant funding agency bear no responsibility for use of the data or for interpretations or inferences based upon such uses.

Study Notes

Notes	
Note:	User-provided description: Understand characteristics of household composition in King County, Washington.

§ 3. File Description

File

File Name:	usa_00001.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. [MULTYEAR](#) (Actual year of survey, multi-year ACS/PRCS)
3. [SAMPLE](#) (IPUMS sample identifier)
4. [SERIAL](#) (Household serial number)
5. [CBSERIAL](#) (Original Census Bureau household serial number)
6. [NUMPREC](#) (Number of person records following)
7. [SUBSAMP](#) (Subsample number)
8. [HHWT](#) (Household weight)
9. [HHTYPE](#) (Household Type)
10. [CBHHTYPE](#) (Census bureau household type (with cohabiting))
11. [REPWT](#) (Household replicate weights [80 variables])
12. [CLUSTER](#) (Household cluster for variance estimation)
13. [CPI99](#) (CPI-U adjustment factor to 1999 dollars)
14. [REGION](#) (Census region and division)
15. [STATEICP](#) (State (ICPSR code))
16. [STATEFIP](#) (State (FIPS code))
17. [COUNTYFIP](#) (County (FIPS code))
18. [METRO](#) (Metropolitan status)
19. [METAREA](#) (Metropolitan area [general version])
20. [METAREAD](#) (Metropolitan area [detailed version])
21. [CITY](#) (City)
22. [PUMA](#) (Public Use Microdata Area)
23. [STRATA](#) (Household strata for variance estimation)
24. [GQ](#) (Group quarters status)
25. [GQTYPE](#) (Group quarters type [general version])
26. [GQTYPED](#) (Group quarters type [detailed version])
27. [LINGISOL](#) (Linguistic isolation)
28. [VACANCY](#) (Vacancy status)
29. [ROOMS](#) (Number of rooms)
30. [BUILTYR2](#) (Age of structure, decade)
31. [UNITSSTR](#) (Units in structure)

32. BEDROOMS (Number of bedrooms)
33. CINETHH (Access to internet)
34. CILAPTOP (Laptop, desktop, or notebook computer)
35. CIDATAPLN (Cellular data plan for a smartphone or other mobile device)
36. CIHISPEED (Broadband (high speed) Internet service such as cable, fiber optic, or DSL service)
37. CISAT (Satellite internet service)
38. CIDIAL (Dial-up service)
39. CIOTH SVC (Other internet service)
40. COUPLETYPE (Householder couple type)
41. SSMC (Same-sex married couple)
42. NFAMS (Number of families in household)
43. NSUBFAM (Number of subfamilies in household)
44. NCOUPLES (Number of couples in household)
45. NMOTHERS (Number of mothers in household)
46. NFATHERS (Number of fathers in household)
47. MULTGEN (Multigenerational household [general version])
48. MULTGEND (Multigenerational household [detailed version])
49. CBNSUBFAM (Number of subfamilies in household (original Census Bureau classification))
50. REPWT1 (Household replicate weight 1)
51. REPWT2 (Household replicate weight 2)
52. REPWT3 (Household replicate weight 3)
53. REPWT4 (Household replicate weight 4)
54. REPWT5 (Household replicate weight 5)
55. REPWT6 (Household replicate weight 6)
56. REPWT7 (Household replicate weight 7)
57. REPWT8 (Household replicate weight 8)
58. REPWT9 (Household replicate weight 9)
59. REPWT10 (Household replicate weight 10)
60. REPWT11 (Household replicate weight 11)
61. REPWT12 (Household replicate weight 12)
62. REPWT13 (Household replicate weight 13)
63. REPWT14 (Household replicate weight 14)
64. REPWT15 (Household replicate weight 15)
65. REPWT16 (Household replicate weight 16)
66. REPWT17 (Household replicate weight 17)
67. REPWT18 (Household replicate weight 18)
68. REPWT19 (Household replicate weight 19)
69. REPWT20 (Household replicate weight 20)
70. REPWT21 (Household replicate weight 21)
71. REPWT22 (Household replicate weight 22)
72. REPWT23 (Household replicate weight 23)
73. REPWT24 (Household replicate weight 24)
74. REPWT25 (Household replicate weight 25)
75. REPWT26 (Household replicate weight 26)
76. REPWT27 (Household replicate weight 27)
77. REPWT28 (Household replicate weight 28)
78. REPWT29 (Household replicate weight 29)

79. [REPWT30](#) (Household replicate weight 30)
80. [REPWT31](#) (Household replicate weight 31)
81. [REPWT32](#) (Household replicate weight 32)
82. [REPWT33](#) (Household replicate weight 33)
83. [REPWT34](#) (Household replicate weight 34)
84. [REPWT35](#) (Household replicate weight 35)
85. [REPWT36](#) (Household replicate weight 36)
86. [REPWT37](#) (Household replicate weight 37)
87. [REPWT38](#) (Household replicate weight 38)
88. [REPWT39](#) (Household replicate weight 39)
89. [REPWT40](#) (Household replicate weight 40)
90. [REPWT41](#) (Household replicate weight 41)
91. [REPWT42](#) (Household replicate weight 42)
92. [REPWT43](#) (Household replicate weight 43)
93. [REPWT44](#) (Household replicate weight 44)
94. [REPWT45](#) (Household replicate weight 45)
95. [REPWT46](#) (Household replicate weight 46)
96. [REPWT47](#) (Household replicate weight 47)
97. [REPWT48](#) (Household replicate weight 48)
98. [REPWT49](#) (Household replicate weight 49)
99. [REPWT50](#) (Household replicate weight 50)
100. [REPWT51](#) (Household replicate weight 51)
101. [REPWT52](#) (Household replicate weight 52)
102. [REPWT53](#) (Household replicate weight 53)
103. [REPWT54](#) (Household replicate weight 54)
104. [REPWT55](#) (Household replicate weight 55)
105. [REPWT56](#) (Household replicate weight 56)
106. [REPWT57](#) (Household replicate weight 57)
107. [REPWT58](#) (Household replicate weight 58)
108. [REPWT59](#) (Household replicate weight 59)
109. [REPWT60](#) (Household replicate weight 60)
110. [REPWT61](#) (Household replicate weight 61)
111. [REPWT62](#) (Household replicate weight 62)
112. [REPWT63](#) (Household replicate weight 63)
113. [REPWT64](#) (Household replicate weight 64)
114. [REPWT65](#) (Household replicate weight 65)
115. [REPWT66](#) (Household replicate weight 66)
116. [REPWT67](#) (Household replicate weight 67)
117. [REPWT68](#) (Household replicate weight 68)
118. [REPWT69](#) (Household replicate weight 69)
119. [REPWT70](#) (Household replicate weight 70)
120. [REPWT71](#) (Household replicate weight 71)
121. [REPWT72](#) (Household replicate weight 72)
122. [REPWT73](#) (Household replicate weight 73)
123. [REPWT74](#) (Household replicate weight 74)
124. [REPWT75](#) (Household replicate weight 75)
125. [REPWT76](#) (Household replicate weight 76)

- 126. [REPWT77](#) (Household replicate weight 77)
- 127. [REPWT78](#) (Household replicate weight 78)
- 128. [REPWT79](#) (Household replicate weight 79)
- 129. [REPWT80](#) (Household replicate weight 80)

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
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Variable: "MULTYEAR"

Name:	MULTYEAR
Label:	Actual year of survey, multi-year ACS/PRCS
Variable Text:	<p>MULTYEAR identifies the actual year of survey in multi-year ACS/PRCS samples.</p> <p>For example, the 3-year ACS and PRCS data files each include cases from three single-year files. For these multi-year samples, the YEAR variable identifies the last year of data (2007 for the 2005-2007 3-year data; 2008 for the 2006-2008 data; and so on). MULTYEAR gives the single-year sample from which the case was drawn (2005, 2006, or 2007 for the 2005-2007 3-year data; 2006, 2007, or 2008 for the 2006-2008 3-year data; and so on).</p>
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	5
End Position:	8
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>CodesThis variable is valid only for multi-year ACS and PRCS samples. MULTYEAR is a 4-digit numeric variable which reports the actual year of survey in multi-year ACS/PRCS samples. MULTYEAR specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below if applicable by Census year (and data sample if specified).</p>

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>

The next two digits identify the sample within the year. For most censuses, IPUMS has multiple datasets which were constructed using different sampling techniques (i.e. size/demographic of the sample population, geographic coverage level or location, or duration of the sampling period for the ACS/PRCS samples).

The availability table for each variable indicates whether that variable is available in only certain samples for a given year. For further discussion of sample differences, see "Sample Designs".

Note: SAMPLE replaces DATANUM. Though the last two digits in SAMPLE do not correlate exactly with the now-deprecated DATANUM, the variable serves the same purpose of assigning a unique id to all cases that belong to the same dataset.

Concept:	Technical Variables -- HOUSEHOLD
Start Position:	9
End Position:	14
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
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%
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:	15
End Position:	22
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:	23
End Position:	35
Width:	13
Variable Format:	numeric

Format:	
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: "NUMPREC"

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

Variable: "SUBSAMP"

Name:	SUBSAMP
Label:	Subsample number
Variable Text:	SUBSAMP allocates each household to one of 100 subsample replicates, randomly numbered from 0 to 99. Each subsample is nationally representative and preserves all stratification of the sample from which it is drawn. Users who need a representative subset of a sample should use SUBSAMP to select their cases. For example, to randomly extract 10 percent of the cases from a sample, select any 10 of the 100 subsamples.

SUBSAMP is a useful tool for carrying out the "subsample replicate" method of standard error estimation. This method involves dividing an IPUMS sample into 100 random subsamples and generating 100 subsample estimates for a given statistic. With these 100 "subsample replicate" estimates, researchers can measure a statistic's variation across all of the subsamples. Due to Census sample designs this method yields a more precise estimate of the standard error of a sample statistic than would be achieved through the application of a theoretical standard error formula. Additional precision in estimating standard errors is generally obtained through the use of replicate weights (see REPWT).

SUBSAMP is also used to estimate design factors for selected variables in each IPUMS file from 1880 to 1980 (the Census Bureau provided design factors for the samples from 1990 onward). Design factors allow researchers to account for the sample design effects of clustering and stratification on standard error estimates. For information about the characteristics of the complete samples for each year, from which these subsamples are drawn, see "Sample Designs" and "Sampling Error."

Concept:	Technical Variables -- HOUSEHOLD
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Start Position:	38
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End Position:	39
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Width:	2
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Variable Format:	numeric
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Implied Decimal Places:	0
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Categories

Value	Label
00	First 1% subsample
01	2nd 1% subsample
02	2
03	3
04	4
05	5
06	6
07	7
08	8

09	9
10	10
11	11
12	12
13	13
14	14
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99	99

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:	40
End	49

Position:	
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.</p> <p>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: "HHTYPE"

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

Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
Categories	
Value	Label
0	N/A
1	Married-couple family household
2	Male householder, no wife present
3	Female householder, no husband present
4	Male householder, living alone
5	Male householder, not living alone
6	Female householder, living alone
7	Female householder, not living alone
9	HHTYPE could not be determined

Variable: "CBHHTYPE"

Name:	CBHHTYPE
Label:	Census bureau household type (with cohabiting)
Variable Text:	<p>CBHHTYPE is the household type variable provided by the Census that classifies all households based on the relationship type of the householder(s). Notably, it includes cohabiting couple households and households with the presence of own children under the age of 18. In the future, IPUMS plans to make this variable available for all samples.</p> <p>Users can also use HHTYPE, which is an IPUMS-constructed variable that mirrors the household type variable created by the Census Bureau in the 2000 ACS sample.</p>
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	51
End	52

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

Categories

Value	Label
00	N/A (GQ/vacant)
01	Married couple household with own children <18
02	Married couple household, NO own children <18
03	Cohabiting couple household with own children <18
04	Cohabiting couple household, NO own children <18
05	Female householder, no spouse/partner present, Living alone
06	Female householder, no spouse/partner present, with own children <18
07	Female householder, no spouse/partner present, with relatives, NO own children <18
08	Female householder, no spouse/partner present, only nonrelatives present
09	Male householder, no spouse/partner present, Living alone
10	Male householder, no spouse/partner present, with own children <18
11	Male householder, no spouse/partner present, with relatives, NO own children <18
12	Male householder, no spouse/partner present, only nonrelatives present

Variable: "REPWT"

Name:	REPWT
Label:	Household replicate weights [80 variables]
Variable Text:	REPWT provides 80 separate household-level weights that allow users to generate empirically derived standard errors. Person-level replicate weights are available in REPWTP.

More information about replicate weights is available on the IPUMS-USA replicate weights FAQ page, in the 2005 ACS PUMS Accuracy Statement, and in this Census Bureau document written for the Current Population Survey.

Calculating the standard error of an estimate enables the construction of a confidence interval around the sample estimate of interest and may also be used in hypothesis testing. In theory, the standard error of an estimate measures the variation of a statistic across multiple samples of a given population. Researchers can use replicate weights to mirror this theoretical approach when only sample data is available, and the resulting standard errors have a higher degree of precision than standard asymptotic standard errors.

The 2005-onward ACS and PRCS samples contain eighty replicate weights at the household level (variables named REPWT1 through REPWT80) and eighty at the person level (variables named REPWTP1 through REPWTP80). The Census Bureau produced these weights by using what is known as the successive difference replication (SDR) method. This involves repeated implementations of the initial (full-sample) weighting algorithm, such that full information about the ACS and PRCS samples are available in the replicate weights. Nevertheless, users should use these replicate weights only for generating variance estimates, not for obtaining unique parameter estimates.

User Note: The successive difference replication approach (SDR) is different from other methods for creating replicate weights such as balanced repeated replication (BRR) and jackknife estimation, and standard statistical software packages have no built-in method to handle them. However, Stata's jackknife standard error program can be adapted to calculate replicate standard errors for CPS data; see the IPUMS-USA replicate weights FAQ page for details.

Additionally, it is possible for replicate weights to take negative values for certain cases; again, users should use these weights only for variance estimation purposes and not to obtain independent estimates.

Concept:	Technical Variables -- HOUSEHOLD
Start Position:	53
End Position:	53
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>CodesWhen REPWT is selected for data extraction, 80 replicate weights, REPWT1-REPWT80 are included in the data extract. REPWT1-REPWT80 are 4-digit numeric variables used to empirically derive standard errors. Selecting replicate weights will dramatically increase the size and processing time of extracts; users should request them only if they plan to use them. REPWT 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>REPWT 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:	54
End Position:	66
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:	<p>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.</p> <p>See the IPUMS inflation adjustment page for more information on how to use CPI99.</p>
Concept:	Technical Variables -- HOUSEHOLD
Start	67

Position:	
End Position:	71
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: "REGION"

Name:	REGION
Label:	Census region and division
Variable Text:	<p>REGION identifies the region and division where the housing unit was located. Unless otherwise noted in the comparability discussion, states, or territories that later became states, are recoded into the following 1990 regional and divisional classification system:</p> <p>1. Northeast Region New England Division: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont</p> <p>Middle Atlantic Division: New Jersey, New York, Pennsylvania</p> <p>2. Midwest (formerly North Central) Region East North Central Division: Illinois, Indiana, Michigan, Ohio, Wisconsin</p> <p>West North Central Division: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota</p> <p>3. South Region South Atlantic Division: Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia</p> <p>East South Central Division: Alabama, Kentucky, Mississippi, Tennessee</p> <p>West South Central Division: Arkansas, Louisiana, Oklahoma/Indian Territory, Texas</p> <p>4. West Region Mountain Division: Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, Wyoming</p> <p>Pacific Division: Alaska, California, Hawaii, Oregon, Washington</p> <p>9. State Unknown 1900-1910: overseas military reservations are not identified by state.</p>

	1980-1990: to protect confidentiality, state cannot be identified for PUMAs or county groups that cross state boundaries.
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	72
End Position:	73
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
11	New England Division
12	Middle Atlantic Division
13	Mixed Northeast Divisions (1970 Metro)
21	East North Central Div.
22	West North Central Div.
23	Mixed Midwest Divisions (1970 Metro)
31	South Atlantic Division
32	East South Central Div.
33	West South Central Div.
34	Mixed Southern Divisions (1970 Metro)
41	Mountain Division
42	Pacific Division
43	Mixed Western Divisions (1970 Metro)
91	Military/Military reservations

92	PUMA boundaries cross state lines-1% sample
97	State not identified
99	Not identified

Variable: "STATEICP"

Name:	STATEICP
Label:	State (ICPSR code)
Variable Text:	<p>STATEICP identifies the state in which the housing unit was located, using the coding scheme developed by the Inter-University Consortium for Political and Social Research (ICPSR). The ICPSR scheme orders states first by geographic division and then alphabetically within each division. Note that the ICPSR geographic divisions do not correspond exactly with the census regions used in the IPUMS variable REGION.</p> <p>State or territory names represent that state or territory's contemporary political boundaries for a given year. Users should familiarize themselves with any historical changes in these boundaries that might affect their research. (Go here for year-by-year maps of states and territories in the U.S.) IPUMS assigns current state codes to territories that later became states; for example, Arizona Territory in 1880 and 1900 is given the Arizona state code (61). In 1880, Dakota Territory counties are split between areas that ultimately became North and South Dakota.</p>
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	74
End Position:	75
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
Categories	

Value	Label
01	Connecticut
02	Maine

03	Massachusetts
04	New Hampshire
05	Rhode Island
06	Vermont
11	Delaware
12	New Jersey
13	New York
14	Pennsylvania
21	Illinois
22	Indiana
23	Michigan
24	Ohio
25	Wisconsin
31	Iowa
32	Kansas
33	Minnesota
34	Missouri
35	Nebraska
36	North Dakota
37	South Dakota
40	Virginia
41	Alabama
42	Arkansas
43	Florida
44	Georgia
45	Louisiana
46	Mississippi

47	North Carolina
48	South Carolina
49	Texas
51	Kentucky
52	Maryland
53	Oklahoma
54	Tennessee
56	West Virginia
61	Arizona
62	Colorado
63	Idaho
64	Montana
65	Nevada
66	New Mexico
67	Utah
68	Wyoming
71	California
72	Oregon
73	Washington
81	Alaska
82	Hawaii
83	Puerto Rico
96	State groupings (1980 Urban/rural sample)
97	Military/Mil. Reservations
98	District of Columbia
99	State not identified

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:	76
End Position:	77
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

Notes

Note:	Case selection: 53 Washington
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Variable: "COUNTYFIP"

Name:	COUNTYFIP
Label:	County (FIPS code)
Variable Text:	<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>Like STATEFIP, COUNTYFIP facilitates merging IPUMS data with data from other sources that use FIPS codes.</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>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>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>COUNTYFIP identifies a county if and only if:</p> <ul style="list-style-type: none"> it was coterminous with a single SEA, county group, or PUMA; or it contained multiple SEAs, county groups, or PUMAs, none of which extended into other counties. <p>Listing of counties identified: Identified Counties, 1950-Forward For municipios, the Puerto Rican statistical equivalent of U.S. counties, see PRCOUNTA (alphabetic version) and PRCOUNTY (numeric version).</p>
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	78
End Position:	80

Width:	3
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>Codes COUNTYFIP 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>*Counties are not identified in public-use microdata from 1950 onwards, so IPUMS instead identifies counties, where possible, from other low-level geographic identifiers.</p> <p>Listing of counties identified in IPUMS USA samples, including FIPS and ICPSR codes: Identified Counties, 1950-Forward</p>

Variable: "METRO"

Name:	METRO
Label:	Metropolitan status
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:	81
End Position:	81
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: "METAREA"

Name:	METAREA
Label:	Metropolitan area [general version]
Variable Text:	<p>A metropolitan area, or metro area, is a region consisting of a large urban core together with surrounding communities that have a high degree of economic and social integration with the urban core. For residents of metro areas, METAREA identifies the metro area of residence, contingent on varying delineations of metro areas across time and on variations in available geographic information and in confidentiality restrictions among samples.</p> <p>Note: METAREA is not available for 2012-onward ACS and PRCS samples. To obtain metro area codes for these samples, see the MET2013 variable.</p> <p>Metropolitan Area Delineations Since 1950, the Bureau of the Budget (later renamed the Office of Management and Budget, or OMB), has produced and continually updated standard delineations of metropolitan areas for the U.S., defining each area as a county or a set of contiguous counties, or, for New England prior to 2003, as a set of cities or towns. In IPUMS samples for 1950 and later, the areas identified by METAREA generally correspond to contemporary OMB delineations, as were also used by the Census Bureau. For ACS samples through 2011, METAREA uses the 1999 OMB delineations, as were used for Census 2000 tabulations.</p> <p>To delineate metro areas in pre-1950 samples, the general approach (used first by the creators of the 1940 PUMS and then by IPUMS for earlier samples) is to apply the 1950 OMB standards to historical statistics. One deviation from the 1950 standards is that all pre-1950 delineations are county-based, even in New England.</p> <p>See the Comparability section for details on how delineations have changed over time and how confidentiality restrictions have affected METAREA's correspondence with standard delineations. For a listing of the counties associated with each metro area in each sample</p>

year, see the County Composition tables. For a complete record of OMB standards and changes since 1950, see the Census Bureau's historical delineations page.

User Caution: Incompletely Identified Metropolitan Areas

In the 1980 5% sample and all later samples, the populations of many metro areas are only partially identified by METAREA codes, and in many cases, the unidentified portion is considerably large. Users should consult the Incompletely Identified Metropolitan Areas page, which lists the percent of each metro area's population that resided in excluded areas for each sample.

The reason for incomplete coverage is that the source data for these samples include no specific information about metro areas. The most detailed geographic information available is for 1980 county groups or for 1990 or 2000 PUMAs, areas which occasionally straddle official metro area boundaries. If any portion of a straddling area's population resided outside a single metro area, the METAREA variable uses a conservative assignment strategy and identifies no metro area for all residents of the straddling area.

Users should not assume that the identified portion of a partly identified metro area is a representative sample of the entire metro area. In fact, because the unidentified population is located in areas that straddle the metro area boundaries, the identified population will often skew toward core populations and omit outlying communities. Also, weighted population counts for incompletely identified metro areas will be low by amounts ranging from 1 to 69% (since the unidentified individuals will not be counted as living in the metro area).

The METAREA Code System

METAREA codes are based primarily on the 4-digit OMB codes of 1990 metropolitan areas but with adjustments to reflect hierarchical relationships among metro areas across time. For any group of metro areas that were at any time defined to be components of a single metro area together, the 4-digit METAREA codes were adjusted to use the same first 3 digits. E.g., the METAREA code for Fort Worth, TX, is 1921, which indicates that the area was, in some sample, included as part of the Dallas-Fort Worth, TX, metro area, which has a code of 1920. Similarly, in cases where the 1990 OMB codes of disjoint areas share the same first 3 digits, the METAREA codes were adjusted to be distinct through 3 digits. This system enables users to obtain relatively consistent samples for "top-level" metro areas across time by grouping records according to the first 3 METAREA digits.

However, when IPUMS assigned METAREA codes for the 2000 and ACS samples, the codes were not adjusted to reflect any new splits or mergers. E.g., between 1990 and 1999, the OMB delineations merged the Odessa and Midland, TX, metro areas (with codes of 5800 and 5040) into a single area (with a code of 5800). Maintaining the hierarchical structure of METAREA codes would have required changing some existing 1990-based codes (e.g., changing the Midland code from 5040 to 5801), but in order to maintain static codes for prior users of METAREA, no codes were changed. Therefore, the first 3 digits of METAREA codes do not consistently represent top-level groups for the 2000 and ACS samples.

The METAREA Label System

METAREA labels are generally based on the OMB names of 1990 metropolitan areas or on the standard names of other older areas that do not appear in the 1990 delineations. A METAREA label may include the names of any major central cities that were ever included in the identified area, including some cities that are associated with a different code in some samples. E.g., the METAREA code 1920 has a label of "Dallas-Fort Worth, TX," but in most samples, records for Fort Worth have a code of 1921 and not 1920.

This system ensures that the first label in each 3-digit METAREA group will properly describe the full extent of the general 3-digit code group, but it also causes ambiguities for the detailed 4-digit codes. In samples where a city name appears in the labels for 2 different codes, users should assume that the city is associated only with the higher-numbered code.

Alternative for Pre-1950 Samples: Metropolitan Districts

Prior to the introduction of the OMB's standard metropolitan areas in 1950, the Census Bureau had defined and tabulated statistics for metropolitan districts, which differ from metropolitan areas primarily in their use of minor civil divisions (cities, towns, etc.) as building blocks instead of counties. The METDIST variable identifies metropolitan districts for pre-1950 samples using criteria similar to those used by the Census in 1940. One advantage of METDIST relative to METAREA is that METDIST was constructed for the 1940 sample after

	confidence requirements were lifted for 1940 and is therefore more complete than METAREA for that year.
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Concept:	Geographic Variables -- HOUSEHOLD
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Start Position:	82
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End Position:	84
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Width:	3
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Variable Format:	numeric
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Implied Decimal Places:	0
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Categories

Value	Label
000	Not identifiable or not in an MSA
004	Abilene, TX
006	Aguadilla, PR
008	Akron, OH
012	Albany, GA
016	Albany-Schenectady-Troy, NY
020	Albuquerque, NM
022	Alexandria, LA
024	Allentown-Bethlehem-Easton, PA/NJ
028	Altoona, PA
032	Amarillo, TX
038	Anchorage, AK
040	Anderson, IN
044	Ann Arbor, MI

045	Anniston, AL
046	Appleton-Oshkosh-Neenah, WI
047	Arecibo, PR
048	Asheville, NC
050	Athens, GA
052	Atlanta, GA
056	Atlantic City, NJ
058	Auburn-Opekika, AL
060	Augusta-Aiken, GA/SC
064	Austin, TX
068	Bakersfield, CA
072	Baltimore, MD
073	Bangor, ME
074	Barnstable-Yarmouth, MA
076	Baton Rouge, LA
078	Battle Creek, MI
084	Beaumont-Port Arthur-Orange, TX
086	Bellingham, WA
087	Benton Harbor, MI
088	Billings, MT
092	Biloxi-Gulfport, MS
096	Binghamton, NY
100	Birmingham, AL
102	Bloomington, IN
104	Bloomington-Normal, IL
108	Boise City, ID

112	Boston, MA/NH
114	Bradenton, FL
115	Bremerton, WA
116	Bridgeport, CT
120	Brockton, MA
124	Brownsville-Harlingen-San Benito, TX
126	Bryan-College Station, TX
128	Buffalo-Niagara Falls, NY
130	Burlington, NC
131	Burlington, VT
132	Canton, OH
133	Caguas, PR
135	Casper, WY
136	Cedar Rapids, IA
140	Champaign-Urbana-Rantoul, IL
144	Charleston-N. Charleston, SC
148	Charleston, WV
152	Charlotte-Gastonia-Rock Hill, NC/SC
154	Charlottesville, VA
156	Chattanooga, TN/GA
158	Cheyenne, WY
160	Chicago, IL
162	Chico, CA
164	Cincinnati-Hamilton, OH/KY/IN
166	Clarksville- Hopkinsville, TN/KY
168	Cleveland, OH
172	Colorado Springs, CO

174	Columbia, MO
176	Columbia, SC
180	Columbus, GA/AL
184	Columbus, OH
188	Corpus Christi, TX
190	Cumberland, MD/WV
192	Dallas-Fort Worth, TX
193	Danbury, CT
195	Danville, VA
196	Davenport, IA - Rock Island-Moline, IL
200	Dayton-Springfield, OH
202	Daytona Beach, FL
203	Decatur, AL
204	Decatur, IL
208	Denver-Boulder, CO
212	Des Moines, IA
216	Detroit, MI
218	Dothan, AL
219	Dover, DE
220	Dubuque, IA
224	Duluth-Superior, MN/WI
228	Dutchess Co., NY
229	Eau Claire, WI
231	El Paso, TX
232	Elkhart-Goshen, IN
233	Elmira, NY

234	Enid, OK
236	Erie, PA
240	Eugene-Springfield, OR
244	Evansville, IN/KY
252	Fargo-Morehead, ND/MN
256	Fayetteville, NC
258	Fayetteville-Springdale, AR
260	Fitchburg-Leominster, MA
262	Flagstaff, AZ/UT
264	Flint, MI
265	Florence, AL
266	Florence, SC
267	Fort Collins-Loveland, CO
268	Fort Lauderdale-Hollywood-Pompano Beach, FL
270	Fort Myers-Cape Coral, FL
271	Fort Pierce, FL
272	Fort Smith, AR/OK
275	Fort Walton Beach, FL
276	Fort Wayne, IN
284	Fresno, CA
288	Gadsden, AL
290	Gainesville, FL
292	Galveston-Texas City, TX
297	Glens Falls, NY
298	Goldsboro, NC
299	Grand Forks, ND
300	Grand Rapids, MI

301	Grand Junction, CO
304	Great Falls, MT
306	Greeley, CO
308	Green Bay, WI
312	Greensboro-Winston Salem-High Point, NC
315	Greenville, NC
316	Greenville-Spartenburg-Anderson, SC
318	Hagerstown, MD
320	Hamilton-Middleton, OH
324	Harrisburg-Lebanon--Carlisle, PA
328	Hartford-Bristol-Middleton- New Britain, CT
329	Hickory-Morganton, NC
330	Hattiesburg, MS
332	Honolulu, HI
335	Houma-Thibodoux, LA
336	Houston-Brazoria, TX
340	Huntington-Ashland, WV/KY/OH
344	Huntsville, AL
348	Indianapolis, IN
350	Iowa City, IA
352	Jackson, MI
356	Jackson, MS
358	Jackson, TN
359	Jacksonville, FL
360	Jacksonville, NC
361	Jamestown-Dunkirk, NY

362	Janesville-Beloit, WI
366	Johnson City-Kingsport--Bristol, TN/VA
368	Johnstown, PA
371	Joplin, MO
372	Kalamazoo-Portage, MI
374	Kankakee, IL
376	Kansas City, MO/KS
380	Kenosha, WI
381	Kileen-Temple, TX
384	Knoxville, TN
385	Kokomo, IN
387	LaCrosse, WI
388	Lafayette, LA
392	Lafayette-W. Lafayette, IN
396	Lake Charles, LA
398	Lakeland-Winterhaven, FL
400	Lancaster, PA
404	Lansing-E. Lansing, MI
408	Laredo, TX
410	Las Cruces, NM
412	Las Vegas, NV
415	Lawrence, KS
420	Lawton, OK
424	Lewiston-Auburn, ME
428	Lexington-Fayette, KY
432	Lima, OH
436	Lincoln, NE

440	Little Rock-N. Little Rock, AR
441	Long Branch-Asbury Park, NJ
442	Longview-Marshall, TX
444	Lorain-Elyria, OH
448	Los Angeles-Long Beach, CA
452	Louisville, KY/IN
460	Lubbock, TX
464	Lynchburg, VA
468	Macon-Warner Robins, GA
472	Madison, WI
476	Manchester, NH
480	Mansfield, OH
484	Mayaguez, PR
488	McAllen-Edinburg-Pharr-Mission, TX
489	Medford, OR
490	Melbourne-Titusville-Cocoa-Palm Bay, FL
492	Memphis, TN/AR/MS
494	Merced, CA
500	Miami-Hialeah, FL
504	Midland, TX
508	Milwaukee, WI
512	Minneapolis-St. Paul, MN
514	Missoula, MT
516	Mobile, AL
517	Modesto, CA
519	Monmouth-Ocean, NJ

520	Monroe, LA
524	Montgomery, AL
528	Muncie, IN
532	Muskegon-Norton Shores-Muskegon Heights, MI
533	Myrtle Beach, SC
534	Naples, FL
535	Nashua, NH
536	Nashville, TN
540	New Bedford, MA
546	New Brunswick-Perth Amboy-Sayreville, NJ
548	New Haven-Meriden, CT
552	New London-Norwich, CT/RI
556	New Orleans, LA
560	New York, NY-Northeastern NJ
564	Newark, OH
566	Newburgh-Middletown, NY
572	Norfolk-VA Beach--Newport News, VA
576	Norwalk, CT
579	Ocala, FL
580	Odessa, TX
588	Oklahoma City, OK
591	Olympia, WA
592	Omaha, NE/IA
595	Orange, NY
596	Orlando, FL
599	Owensboro, KY
601	Panama City, FL

602	Parkersburg-Marietta, WV/OH
603	Pascagoula-Moss Point, MS
608	Pensacola, FL
612	Peoria, IL
616	Philadelphia, PA/NJ
620	Phoenix, AZ
628	Pittsburgh, PA
632	Pittsfield, MA
636	Ponce, PR
640	Portland, ME
644	Portland, OR/WA
645	Portsmouth-Dover--Rochester, NH/ME
646	Poughkeepsie, NY
648	Providence-Fall River-Pawtucket, MA/RI
652	Provo-Orem, UT
656	Pueblo, CO
658	Punta Gorda, FL
660	Racine, WI
664	Raleigh-Durham, NC
666	Rapid City, SD
668	Reading, PA
669	Redding, CA
672	Reno, NV
674	Richland-Kennewick-Pasco, WA
676	Richmond-Petersburg, VA
678	Riverside-San Bernardino, CA

680	Roanoke, VA
682	Rochester, MN
684	Rochester, NY
688	Rockford, IL
689	Rocky Mount, NC
692	Sacramento, CA
696	Saginaw-Bay City-Midland, MI
698	St. Cloud, MN
700	St. Joseph, MO
704	St. Louis, MO/IL
708	Salem, OR
712	Salinas-Sea Side-Monterey, CA
714	Salisbury-Concord, NC
716	Salt Lake City-Ogden, UT
720	San Angelo, TX
724	San Antonio, TX
732	San Diego, CA
736	San Francisco-Oakland-Vallejo, CA
740	San Jose, CA
744	San Juan-Bayamon, PR
746	San Luis Obispo-Atascadero-P. Robles, CA
747	Santa Barbara-Santa Maria-Lompoc, CA
748	Santa Cruz, CA
749	Santa Fe, NM
750	Santa Rosa-Petaluma, CA
751	Sarasota, FL
752	Savannah, GA

756	Scranton-Wilkes-Barre, PA
760	Seattle-Everett, WA
761	Sharon, PA
762	Sheboygan, WI
764	Sherman-Davidson, TX
768	Shreveport, LA
772	Sioux City, IA/NE
776	Sioux Falls, SD
780	South Bend-Mishawaka, IN
784	Spokane, WA
788	Springfield, IL
792	Springfield, MO
800	Springfield-Holyoke-Chicopee, MA
804	Stamford, CT
805	State College, PA
808	Steubenville-Weirton, OH/WV
812	Stockton, CA
814	Sumter, SC
816	Syracuse, NY
820	Tacoma, WA
824	Tallahassee, FL
828	Tampa-St. Petersburg-Clearwater, FL
832	Terre Haute, IN
836	Texarkana, TX/AR
840	Toledo, OH/MI
844	Topeka, KS

848	Trenton, NJ
852	Tucson, AZ
856	Tulsa, OK
860	Tuscaloosa, AL
864	Tyler, TX
868	Utica-Rome, NY
873	Ventura-Oxnard-Simi Valley, CA
875	Victoria, TX
876	Vineland-Milville-Bridgetown, NJ
878	Visalia-Tulare-Porterville, CA
880	Waco, TX
884	Washington, DC/MD/VA
888	Waterbury, CT
892	Waterloo-Cedar Falls, IA
894	Wausau, WI
896	West Palm Beach-Boca Raton-Delray Beach, FL
900	Wheeling, WV/OH
904	Wichita, KS
908	Wichita Falls, TX
914	Williamsport, PA
916	Wilmington, DE/NJ/MD
920	Wilmington, NC
924	Worcester, MA
926	Yakima, WA
927	Yolo, CA
928	York, PA
932	Youngstown-Warren, OH/PA

934	Yuba City, CA
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936	Yuma, AZ
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Variable: "METAREAD"

Name:	METAREAD
Label:	Metropolitan area [detailed version]
Variable Text:	<p>A metropolitan area, or metro area, is a region consisting of a large urban core together with surrounding communities that have a high degree of economic and social integration with the urban core. For residents of metro areas, METAREA identifies the metro area of residence, contingent on varying delineations of metro areas across time and on variations in available geographic information and in confidentiality restrictions among samples.</p> <p>Note: METAREA is not available for 2012-onward ACS and PRCS samples. To obtain metro area codes for these samples, see the MET2013 variable.</p> <p>Metropolitan Area Delineations</p> <p>Since 1950, the Bureau of the Budget (later renamed the Office of Management and Budget, or OMB), has produced and continually updated standard delineations of metropolitan areas for the U.S., defining each area as a county or a set of contiguous counties, or, for New England prior to 2003, as a set of cities or towns. In IPUMS samples for 1950 and later, the areas identified by METAREA generally correspond to contemporary OMB delineations, as were also used by the Census Bureau. For ACS samples through 2011, METAREA uses the 1999 OMB delineations, as were used for Census 2000 tabulations.</p> <p>To delineate metro areas in pre-1950 samples, the general approach (used first by the creators of the 1940 PUMS and then by IPUMS for earlier samples) is to apply the 1950 OMB standards to historical statistics. One deviation from the 1950 standards is that all pre-1950 delineations are county-based, even in New England.</p> <p>See the Comparability section for details on how delineations have changed over time and how confidentiality restrictions have affected METAREA's correspondence with standard delineations. For a listing of the counties associated with each metro area in each sample year, see the County Composition tables. For a complete record of OMB standards and changes since 1950, see the Census Bureau's historical delineations page.</p> <p>User Caution: Incompletely Identified Metropolitan Areas</p> <p>In the 1980 5% sample and all later samples, the populations of many metro areas are only partially identified by METAREA codes, and in many cases, the unidentified portion is considerably large. Users should consult the Incompletely Identified Metropolitan Areas page, which lists the percent of each metro area's population that resided in excluded areas for each sample.</p> <p>The reason for incomplete coverage is that the source data for these samples include no specific information about metro areas. The most detailed geographic information available is for 1980 county groups or for 1990 or 2000 PUMAs, areas which occasionally straddle official metro area boundaries. If any portion of a straddling area's population resided outside a single metro area, the METAREA variable uses a conservative assignment strategy and identifies no metro area for all residents of the straddling area.</p> <p>Users should not assume that the identified portion of a partly identified metro area is a representative sample of the entire metro area. In fact, because the unidentified population is located in areas that straddle the metro area boundaries, the identified population will often skew toward core populations and omit outlying communities. Also, weighted population counts for incompletely identified metro areas will be low by amounts ranging from 1 to 69% (since the unidentified individuals will not be counted as living in the metro area).</p>

The METAREA Code System

METAREA codes are based primarily on the 4-digit OMB codes of 1990 metropolitan areas but with adjustments to reflect hierarchical relationships among metro areas across time. For any group of metro areas that were at any time defined to be components of a single metro area together, the 4-digit METAREA codes were adjusted to use the same first 3 digits. E.g., the METAREA code for Fort Worth, TX, is 1921, which indicates that the area was, in some sample, included as part of the Dallas-Fort Worth, TX, metro area, which has a code of 1920. Similarly, in cases where the 1990 OMB codes of disjoint areas share the same first 3 digits, the METAREA codes were adjusted to be distinct through 3 digits. This system enables users to obtain relatively consistent samples for "top-level" metro areas across time by grouping records according to the first 3 METAREA digits.

However, when IPUMS assigned METAREA codes for the 2000 and ACS samples, the codes were not adjusted to reflect any new splits or mergers. E.g., between 1990 and 1999, the OMB delineations merged the Odessa and Midland, TX, metro areas (with codes of 5800 and 5040) into a single area (with a code of 5800). Maintaining the hierarchical structure of METAREA codes would have required changing some existing 1990-based codes (e.g., changing the Midland code from 5040 to 5801), but in order to maintain static codes for prior users of METAREA, no codes were changed. Therefore, the first 3 digits of METAREA codes do not consistently represent top-level groups for the 2000 and ACS samples.

The METAREA Label System

METAREA labels are generally based on the OMB names of 1990 metropolitan areas or on the standard names of other older areas that do not appear in the 1990 delineations. A METAREA label may include the names of any major central cities that were ever included in the identified area, including some cities that are associated with a different code in some samples. E.g., the METAREA code 1920 has a label of "Dallas-Fort Worth, TX," but in most samples, records for Fort Worth have a code of 1921 and not 1920.

This system ensures that the first label in each 3-digit METAREA group will properly describe the full extent of the general 3-digit code group, but it also causes ambiguities for the detailed 4-digit codes. In samples where a city name appears in the labels for 2 different codes, users should assume that the city is associated only with the higher-numbered code.

Alternative for Pre-1950 Samples: Metropolitan Districts

Prior to the introduction of the OMB's standard metropolitan areas in 1950, the Census Bureau had defined and tabulated statistics for metropolitan districts, which differ from metropolitan areas primarily in their use of minor civil divisions (cities, towns, etc.) as building blocks instead of counties. The METDIST variable identifies metropolitan districts for pre-1950 samples using criteria similar to those used by the Census in 1940. One advantage of METDIST relative to METAREA is that METDIST was constructed for the 1940 sample after confidentiality requirements were lifted for 1940 and is therefore more complete than METAREA for that year.

Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	85
End Position:	88
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0000	Not identifiable or not in an MSA
0040	Abilene, TX
0060	Aguadilla, PR
0080	Akron, OH
0120	Albany, GA
0160	Albany-Schenectady-Troy, NY
0200	Albuquerque, NM
0220	Alexandria, LA
0240	Allentown-Bethlehem-Easton, PA/NJ
0280	Altoona, PA
0320	Amarillo, TX
0380	Anchorage, AK
0400	Anderson, IN
0440	Ann Arbor, MI
0450	Anniston, AL
0460	Appleton-Oshkosh-Neenah, WI
0470	Arecibo, PR
0480	Asheville, NC
0500	Athens, GA
0520	Atlanta, GA
0560	Atlantic City, NJ
0580	Auburn-Opelika, AL
0600	Augusta-Aiken, GA/SC

0640	Austin, TX
0680	Bakersfield, CA
0720	Baltimore, MD
0730	Bangor, ME
0740	Barnstable-Yarmouth, MA
0760	Baton Rouge, LA
0780	Battle Creek, MI
0840	Beaumont-Port Arthur-Orange, TX
0860	Bellingham, WA
0870	Benton Harbor, MI
0880	Billings, MT
0920	Biloxi-Gulfport, MS
0960	Binghamton, NY
1000	Birmingham, AL
1010	Bismarck, ND
1020	Bloomington, IN
1040	Bloomington-Normal, IL
1080	Boise City, ID
1120	Boston, MA
1121	Lawrence-Haverhill, MA/NH
1122	Lowell, MA/NH
1123	Salem-Gloucester, MA
1140	Bradenton, FL
1150	Bremerton, WA
1160	Bridgeport, CT
1200	Brockton, MA
1240	Brownsville-Harlingen-San Benito, TX

1260	Bryan-College Station, TX
1280	Buffalo-Niagara Falls, NY
1281	Niagara Falls, NY
1300	Burlington, NC
1310	Burlington, VT
1320	Canton, OH
1330	Caguas, PR
1350	Casper, WY
1360	Cedar Rapids, IA
1400	Champaign-Urbana-Rantoul, IL
1440	Charleston-N. Charleston, SC
1480	Charleston, WV
1520	Charlotte-Gastonia-Rock Hill, SC
1521	Rock Hill, SC
1540	Charlottesville, VA
1560	Chattanooga, TN/GA
1580	Cheyenne, WY
1600	Chicago-Gary-Lake, IL
1601	Aurora-Elgin, IL
1602	Gary-Hammond-East Chicago, IN
1603	Joliet, IL
1604	Lake County, IL
1620	Chico, CA
1640	Cincinnati, OH/KY/IN
1660	Clarksville-Hopkinsville, TN/KY
1680	Cleveland, OH

1720	Colorado Springs, CO
1740	Columbia, MO
1760	Columbia, SC
1800	Columbus, GA/AL
1840	Columbus, OH
1880	Corpus Christi, TX
1900	Cumberland, MD/WV
1920	Dallas-Fort Worth, TX
1921	Fort Worth-Arlington, TX
1930	Danbury, CT
1950	Danville, VA
1960	Davenport, IA - Rock Island-Moline, IL
2000	Dayton-Springfield, OH
2001	Springfield, OH
2020	Daytona Beach, FL
2030	Decatur, AL
2040	Decatur, IL
2080	Denver-Boulder-Longmont, CO
2081	Boulder-Longmont, CO
2120	Des Moines, IA
2121	Polk, IA
2160	Detroit, MI
2180	Dothan, AL
2190	Dover, DE
2200	Dubuque, IA
2240	Duluth-Superior, MN/WI
2281	Dutchess Co., NY

2290	Eau Claire, WI
2310	El Paso, TX
2320	Elkhart-Goshen, IN
2330	Elmira, NY
2340	Enid, OK
2360	Erie, PA
2400	Eugene-Springfield, OR
2440	Evansville, IN/KY
2520	Fargo-Morehead, ND/MN
2560	Fayetteville, NC
2580	Fayetteville-Springdale, AR
2600	Fitchburg-Leominster, MA
2620	Flagstaff, AZ/UT
2640	Flint, MI
2650	Florence, AL
2660	Florence, SC
2670	Fort Collins-Loveland, CO
2680	Fort Lauderdale-Hollywood-Pompano Beach, FL
2700	Fort Myers-Cape Coral, FL
2710	Fort Pierce, FL
2720	Fort Smith, AR/OK
2750	Fort Walton Beach, FL
2760	Fort Wayne, IN
2840	Fresno, CA
2880	Gadsden, AL
2900	Gainesville, FL

2920	Galveston-Texas City, TX
2970	Glens Falls, NY
2980	Goldsboro, NC
2990	Grand Forks, ND/MN
3000	Grand Rapids, MI
3010	Grand Junction, CO
3040	Great Falls, MT
3060	Greeley, CO
3080	Green Bay, WI
3120	Greensboro-Winston Salem-High Point, NC
3121	Winston-Salem, NC
3150	Greenville, NC
3160	Greenville-Spartenburg-Anderson, SC
3161	Anderson, SC
3180	Hagerstown, MD
3200	Hamilton-Middleton, OH
3240	Harrisburg-Lebanon-Carlisle, PA
3280	Hartford-Bristol-Middleton-New Britain, CT
3281	Bristol, CT
3282	Middletown, CT
3283	New Britain, CT
3290	Hickory-Morganton, NC
3300	Hattiesburg, MS
3320	Honolulu, HI
3350	Houma-Thibodoux, LA
3360	Houston-Brazoria, TX
3361	Brazoria, TX

3400	Huntington-Ashland, WV/KY/OH
3440	Huntsville, AL
3480	Indianapolis, IN
3500	Iowa City, IA
3520	Jackson, MI
3560	Jackson, MS
3580	Jackson, TN
3590	Jacksonville, FL
3600	Jacksonville, NC
3610	Jamestown-Dunkirk, NY
3620	Janesville-Beloit, WI
3660	Johnson City-Kingsport-Bristol, TN/VA
3680	Johnstown, PA
3710	Joplin, MO
3720	Kalamazoo-Portage, MI
3740	Kankakee, IL
3760	Kansas City, MO/KS
3800	Kenosha, WI
3810	Kileen-Temple, TX
3840	Knoxville, TN
3850	Kokomo, IN
3870	LaCrosse, WI
3880	Lafayette, LA
3920	Lafayette-W. Lafayette, IN
3960	Lake Charles, LA
3980	Lakeland-Winterhaven, FL

4000	Lancaster, PA
4040	Lansing-E. Lansing, MI
4080	Laredo, TX
4100	Las Cruces, NM
4120	Las Vegas, NV
4150	Lawrence, KS
4200	Lawton, OK
4240	Lewiston-Auburn, ME
4280	Lexington-Fayette, KY
4320	Lima, OH
4360	Lincoln, NE
4400	Little Rock-N. Little Rock, AR
4410	Long Branch-Asbury Park, NJ
4420	Longview-Marshall, TX
4440	Lorain-Elyria, OH
4480	Los Angeles-Long Beach, CA
4481	Anaheim-Santa Ana-Garden Grove, CA
4482	Orange County, CA
4520	Louisville, KY/IN
4600	Lubbock, TX
4640	Lynchburg, VA
4680	Macon-Warner Robins, GA
4720	Madison, WI
4760	Manchester, NH
4800	Mansfield, OH
4840	Mayaguez, PR
4880	McAllen-Edinburg-Pharr-Mission, TX

4890	Medford, OR
4900	Melbourne-Titusville-Cocoa-Palm Bay, FL
4920	Memphis, TN/AR/MS
4940	Merced, CA
5000	Miami-Hialeah, FL
5040	Midland, TX
5080	Milwaukee, WI
5120	Minneapolis-St. Paul, MN
5140	Missoula, MT
5160	Mobile, AL
5170	Modesto, CA
5190	Monmouth-Ocean, NJ
5200	Monroe, LA
5240	Montgomery, AL
5280	Muncie, IN
5320	Muskegon-Norton Shores-Muskegon Heights, MI
5330	Myrtle Beach, SC
5340	Naples, FL
5350	Nashua, NH
5360	Nashville, TN
5400	New Bedford, MA
5460	New Brunswick-Perth Amboy-Sayreville, NJ
5480	New Haven-Meriden, CT
5481	Meriden
5482	New Haven, CT
5520	New London-Norwich, CT/RI

5560	New Orleans, LA
5600	New York, NY-Northeastern NJ
5601	Nassau Co, NY
5602	Bergen-Passaic, NJ
5603	Jersey City, NJ
5604	Middlesex-Somerset-Hunterdon, NJ
5605	Newark, NJ
5640	Newark, OH
5660	Newburgh-Middletown, NY
5720	Norfolk-VA Beach-Newport News, VA
5721	Newport News-Hampton
5722	Norfolk- VA Beach-Portsmouth
5760	Norwalk, CT
5790	Ocala, FL
5800	Odessa, TX
5880	Oklahoma City, OK
5910	Olympia, WA
5920	Omaha, NE/IA
5950	Orange, NY
5960	Orlando, FL
5990	Owensboro, KY
6010	Panama City, FL
6020	Parkersburg-Marietta,WV/OH
6030	Pascagoula-Moss Point, MS
6080	Pensacola, FL
6120	Peoria, IL
6160	Philadelphia, PA/NJ

6200	Phoenix, AZ
6240	Pine Bluff, AR
6280	Pittsburgh-Beaver Valley, PA
6281	Beaver County, PA
6320	Pittsfield, MA
6360	Ponce, PR
6400	Portland, ME
6440	Portland-Vancouver, OR
6441	Vancouver, WA
6450	Portsmouth-Dover-Rochester, NH/ME
6460	Poughkeepsie, NY
6480	Providence-Fall River-Pawtucket, MA/RI
6481	Fall River, MA/RI
6482	Pawtucket-Woonsocket-Attleboro, RI/MA
6520	Provo-Orem, UT
6560	Pueblo, CO
6580	Punta Gorda, FL
6600	Racine, WI
6640	Raleigh-Durham, NC
6641	Durham, NC
6660	Rapid City, SD
6680	Reading, PA
6690	Redding, CA
6720	Reno, NV
6740	Richland-Kennewick-Pasco, WA
6760	Richmond-Petersburg, VA

6761	Petersburg-Colonial Heights, VA
6780	Riverside-San Bernardino, CA
6781	San Bernardino, CA
6800	Roanoke, VA
6820	Rochester, MN
6840	Rochester, NY
6880	Rockford, IL
6895	Rocky Mount, NC
6920	Sacramento, CA
6960	Saginaw-Bay City-Midland, MI
6961	Bay City, MI
6980	St. Cloud, MN
7000	St. Joseph, MO
7040	St. Louis, MO/IL
7080	Salem, OR
7120	Salinas-Sea Side-Monterey, CA
7140	Salisbury-Concord, NC
7160	Salt Lake City-Ogden, UT
7161	Ogden
7200	San Angelo, TX
7240	San Antonio, TX
7320	San Diego, CA
7360	San Francisco-Oakland-Vallejo, CA
7361	Oakland, CA
7362	Vallejo-Fairfield-Napa, CA
7400	San Jose, CA
7440	San Juan-Bayamon, PR

7460	San Luis Obispo-Atascadero-P. Robles, CA
7470	Santa Barbara-Santa Maria-Lompoc, CA
7480	Santa Cruz, CA
7490	Santa Fe, NM
7500	Santa Rosa-Petaluma, CA
7510	Sarasota, FL
7520	Savannah, GA
7560	Scranton-Wilkes-Barre, PA
7561	Wilkes-Barre-Hazleton, PA
7600	Seattle-Everett, WA
7610	Sharon, PA
7620	Sheboygan, WI
7640	Sherman-Denison, TX
7680	Shreveport, LA
7720	Sioux City, IA/NE
7760	Sioux Falls, SD
7800	South Bend-Mishawaka, IN
7840	Spokane, WA
7880	Springfield, IL
7920	Springfield, MO
8000	Springfield-Holyoke-Chicopee, MA
8040	Stamford, CT
8050	State College, PA
8080	Steubenville-Weirton, OH/WV
8120	Stockton, CA
8140	Sumter, SC

8160	Syracuse, NY
8200	Tacoma, WA
8240	Tallahassee, FL
8280	Tampa-St. Petersburg-Clearwater, FL
8320	Terre Haute, IN
8360	Texarkana, TX/AR
8400	Toledo, OH/MI
8440	Topeka, KS
8480	Trenton, NJ
8520	Tucson, AZ
8560	Tulsa, OK
8600	Tuscaloosa, AL
8640	Tyler, TX
8680	Utica-Rome, NY
8730	Ventura-Oxnard-Simi Valley, CA
8750	Victoria, TX
8760	Vineland-Milville-Bridgetown, NJ
8780	Visalia-Tulare-Porterville, CA
8800	Waco, TX
8840	Washington, DC/MD/VA
8880	Waterbury, CT
8920	Waterloo-Cedar Falls, IA
8940	Wausau, WI
8960	West Palm Beach-Boca Raton-Delray Beach, FL
9000	Wheeling, WV/OH
9040	Wichita, KS
9080	Wichita Falls, TX

9140	Williamsport, PA
9160	Wilmington, DE/NJ/MD
9200	Wilmington, NC
9240	Worcester, MA
9260	Yakima, WA
9270	Yolo, CA
9280	York, PA
9320	Youngstown-Warren, OH/PA
9340	Yuba City, CA
9360	Yuma, AZ

Variable: "CITY"

Name:	CITY
Label:	City
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 cities identified by CITY 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:	89
End Position:	92
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0

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
1400	Cohoes, NY
1410	Columbia, SC
1411	Columbia, PA
1412	Columbia, MO
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
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
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
3540	Lebanon, 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)
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
4850	North Providence, RI
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
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
6220	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
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
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
7092	Vallejo, CA
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
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
7451	Wilkinsburg, 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: "PUMA"

Name:	PUMA
Label:	Public Use Microdata Area
Variable Text:	<p>PUMA identifies the Public Use Microdata Area (PUMA) where the housing unit was located. In the 1990 State sample, PUMAs generally follow the boundaries of county groups, single counties, or census-defined "places". If these areas exceed 200,000 residents, they are divided into as many PUMAs of 100,000+ residents as possible. None of the 1990 State sample PUMAs cross state lines. For the 1990 Metro sample, PUMAs generally follow the boundaries of whole central cities, Metropolitan Statistical Areas, Primary Metropolitan Statistical Areas, or non-metropolitan places (See METAREA for definitions of these terms). If these areas exceed 200,000 residents, they are divided into as many PUMAs of 100,000+ residents as possible. 1990 Metro sample PUMAs sometimes cross state lines; when they do, STATEFIP and STATEICP codes are not available for households in those PUMAs. PUMAs in the 2000 census, 2010 census, and the 2005-onward ACS/PRCS also consist of 100,000+ residents, and they do not cross state lines.</p> <p>Note that PUMA is state-dependent. The codes must be read in combination with one of the STATE variables (STATEFIP or STATEICP). PUMAs are categorized by type (e.g., metropolitan, mixed metro/nonmetro, non-metropolitan) in the variable PUMATYPE. PUMA is similar to the county group variables, CNTYGP97 (1970) and CNTYGP98 (1980), and the State Economic Area variable (SEA) for 1940 and 1950.</p> <p>Note Regarding Multi-Year Samples: The Census Bureau redraws PUMA boundaries every 10 years based on population information gathered from the most recent decennial census. ACS samples incorporate the new PUMAs within a few years of the Decennial Census. See the comparability statement to see which PUMAs are used in each sample. In Multi-Year ACS files, PUMA boundaries depend on the original year the respondent was interviewed (see MULTYEAR). For example in the 2010-2012 3-year ACS sample, respondents from 2010 and 2011 correspond to the Census 2000 based PUMAs, while respondents from 2012 correspond to the Census 2010 based PUMAs.</p>
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	93
End Position:	97
Width:	5
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesPUMA is a 5-digit numeric variable identifying the Public Use Microdata Area (PUMA) where the housing unit was located. PUMAs are categorized by type (e.g., metropolitan, mixed metro/nonmetro, non-metropolitan) in the variable PUMATYPE. PUMA is similar to the county group variables, CNTYGP97 (1970) and CNTYGP98 (1980), and the State Economic Area variable (SEA) for 1940 and 1950. PUMA specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A),

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

User Note: PUMAs are drawn and coded differently for the 1990 State and Metro samples. In the 1990 State sample, PUMAs generally follow the boundaries of groups of counties, single counties, or census-defined "places". If such areas exceed 200,000 residents, they are divided into as many PUMAs of 100,000+ residents as possible. None of the 1990 State sample PUMAs cross state lines. In the 1990 Metro sample, PUMAs generally follow the boundaries of whole central cities, Metropolitan Statistical Areas, Primary Metropolitan Statistical Areas, or non-metropolitan places (See METAREA for definitions of these terms). If these areas exceed 200,000 residents, they are divided into as many PUMAs of 100,000+ residents as possible. 1990 Metro sample PUMAs sometimes cross state lines; when they do, STATEFIP and STATEICP codes are not available for households in those PUMAs. PUMAs in the 2000 census, 2010 census, and the 2005-onward ACS/PRCS also consist of 100,000+ residents, and they do not cross state lines.

User Note: PUMA is state-dependent, therefore the codes must be read in combination with one of the STATE variables: STATEFIP or STATEICP.

PUMA Specific Variable Codes

See links for details regarding PUMA codes:

Census 2010 based PUMA map and Boundary files

Census 2000 based PUMA and Super-PUMA Maps, Boundary files and Detailed Composition

1990 PUMA Maps, Boundary files and Detailed Composition

1990 PUMAs crossing state lines, 1 percent Metro sample

User Note: In the 2006-2011 ACS, persons living in Louisiana PUMAs 01801, 01802, and 01905 were all coded as living in Louisiana PUMA 77777. This is because these three PUMAs no longer had sufficient population to be included as separate entities due the effects of hurricane Katrina.

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:	98
End Position:	109
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 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:	110
End Position:	110
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: "GQTYPE"

Name:	GQTYPE
Label:	Group quarters type [general version]
Variable Text:	GQTYPE reports the type of group quarters within which a group-quarters member resided. With this variable, users can distinguish between institutions and non-institutional group quarters, identify broad categories of institutions (e.g., mental institutions versus correctional institutions), and, for some years, isolate very specific types of group quarters (e.g., old soldiers' home).
Concept:	Group Quarters Variables -- HOUSEHOLD
Start Position:	111
End Position:	111
Width:	1
Variable Format:	numeric

Implied Decimal Places:	0
Categories	
Value	Label
0	NA (non-group quarters households)
1	Institution (1990, 2000, ACS/PRCS)
2	Correctional institutions
3	Mental institutions
4	Institutions for the elderly, handicapped, and poor
5	Non-institutional GQ
6	Military
7	College dormitory
8	Rooming house
9	Other non-institutional GQ and unknown

Variable: "GQTYPED"

Name:	GQTYPED
Label:	Group quarters type [detailed version]
Variable Text:	GQTYPE reports the type of group quarters within which a group-quarters member resided. With this variable, users can distinguish between institutions and non-institutional group quarters, identify broad categories of institutions (e.g., mental institutions versus correctional institutions), and, for some years, isolate very specific types of group quarters (e.g., old soldiers' home).
Concept:	Group Quarters Variables -- HOUSEHOLD
Start Position:	112
End Position:	114
Width:	3

Variable Format:	numeric
Implied Decimal Places:	0
Categories	
Value	Label
000	NA (non-group quarters households)
010	Family group, someone related to head
020	Unrelated individuals, no one related to head
100	Institution (1990, 2000, ACS/PRCS)
200	Correctional institution
210	Federal/state correctional
211	Prison
212	Penitentiary
213	Military prison
220	Local correctional
221	Jail
230	School juvenile delinquents
240	Reformatory
250	Camp or chain gang
260	House of correction
300	Mental institutions
400	Institutions for the elderly, handicapped, and poor
410	Homes for elderly
411	Aged, dependent home
412	Nursing/convalescent home

413	Old soldiers' home
420	Other Instits (Not Aged)
421	Other Institution nec
430	Homes neglected/depend children
431	Orphan school
432	Orphans' home, asylum
440	Other instits for children
441	Children's home, asylum
450	Homes physically handicapped
451	Deaf, blind school
452	Deaf, blind, epilepsy
460	Mentally handicapped home
461	School for feeblemind
470	TB and chronic disease hospital
471	Chronic hospitals
472	Sanatoria
480	Poor houses and farms
481	Poor house, almshouse
482	Poor farm, workhouse
491	Maternity homes for unmarried mothers
492	Homes for widows, single, fallen women
493	Detention homes
494	Misc asylums
495	Home, other dependent
496	Institution combination or unknown
500	Non-institutional group quarters
501	Family formerly in institutional group quarters

502	Unrelated individual residing with family formerly in institutional group quarters
600	Military
601	U.S. army installation
602	Navy, marine installation
603	Navy ships
604	Air service
700	College dormitory
701	Military service academies
800	Rooming house
801	Hotel
802	House, lodging apartments
803	YMCA, YWCA
804	Club
900	Other Non-Institut GQ
901	Other Non-Institut GQ
910	Schools
911	Boarding schools
912	Academy, institute
913	Industrial training
914	Indian school
920	Hospitals
921	Hospital, charity
922	Infirmary
923	Maternity hospital
924	Children's hospital
931	Church, Abbey

932	Convent
933	Monastery
934	Mission
935	Seminary
936	Religious commune
937	Other religious
940	Work sites
941	Construction, except rr
942	Lumber
943	Mining
944	Railroad
945	Farms, ranches
946	Ships, boats
947	Other industrial
948	Other worksites
950	Nurses home, dorm
955	Passenger ships
960	Other group quarters
997	Unknown
999	Fragment (boarders and lodgers, 1900)

Variable: "LINGISOL"

Name:	LINGISOL
Label:	Linguistic isolation
Variable Text:	LINGISOL identifies "linguistically isolated households." These are households in which either no person age 14+ speaks only English at home, or no person age 14+ who speaks a language other than English at home speaks English "Very well" (see SPEAKENG). This definition was applied to both the U.S. and Puerto Rican censuses as well as the ACS and PRCS. All members of such a household are considered linguistically isolated, even though children under 14 who speak only English may live there.

Concept:	Dwelling Characteristic Variables -- HOUSEHOLD								
Start Position:	115								
End Position:	115								
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 (group quarters/vacant)</td> </tr> <tr> <td>1</td> <td>Not linguistically isolated</td> </tr> <tr> <td>2</td> <td>Linguistically isolated</td> </tr> </tbody> </table>		Value	Label	0	N/A (group quarters/vacant)	1	Not linguistically isolated	2	Linguistically isolated
Value	Label								
0	N/A (group quarters/vacant)								
1	Not linguistically isolated								
2	Linguistically isolated								

Variable: "VACANCY"

Name:	VACANCY
Label:	Vacancy status
Variable Text:	<p>VACANCY identifies vacant housing units and reports the reason for the vacancy (e.g., for rent, for sale, used only seasonally). To be counted as "vacant," a unit has to be in livable condition and intended for residential use. For newly-constructed units, all exterior windows and doors must be installed, and usable floors must be in place. Dilapidated, condemned, and nonresidential buildings are thus excluded. Mobile homes and trailers (in 1970 and 1980) were counted only if they were intended for occupancy where they stood (i.e., they were not still in a factory or retailer's sales lot). Enumerators obtained vacancy information from landlords, owners, neighbors, or anyone else who might have known about the unit's status; in 1970, they could rely on personal inspection.</p> <p>User Caution: By default, the extraction system rectangularizes the data: that is, it puts household information on the person records and does not retain the households as separate records. As a result, rectangular files will not contain vacant units, since there are no persons corresponding to these units. Researchers wishing to retain vacant units should instead choose a hierarchical file format when creating their extract.</p>
Concept:	Dwelling Characteristic Variables -- HOUSEHOLD

Start Position:	116
End Position:	116
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0	N/A
1	For rent or sale
2	For sale only
3	Rented or sold but not (yet) occupied
4	For seasonal, recreational or other occasional use
5	For occasional use
6	For seasonal use
7	For migrant farm workers
8	For seasonal use or migratory
9	Other vacant

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:	117
End Position:	118
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: "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:	119
End Position:	120
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)
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
16	2011
17	2012
18	2013
19	2014
20	2015
21	2016
22	2017
23	2018
24	2019

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:	121
End Position:	122
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 see ACS 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:	123
End Position:	124
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: "CINETHH"

Name:	CINETHH										
Label:	Access to internet										
Variable Text:	CINETHH reports whether any member of the household accesses the Internet. Here, "access" refers to whether or not someone in the household uses or connects to the Internet, regardless of whether or not they pay for the service.										
Concept:	Appliances, Mechanical, Other Variables -- HOUSEHOLD										
Start Position:	125										
End Position:	125										
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 (GQ)</td> </tr> <tr> <td>1</td> <td>Yes, with a subscription to an Internet Service</td> </tr> <tr> <td>2</td> <td>Yes, without a subscription to an Internet Service</td> </tr> <tr> <td>3</td> <td>No Internet access at this house, apartment, or mobile home</td> </tr> </tbody> </table>		Value	Label	0	N/A (GQ)	1	Yes, with a subscription to an Internet Service	2	Yes, without a subscription to an Internet Service	3	No Internet access at this house, apartment, or mobile home
Value	Label										
0	N/A (GQ)										
1	Yes, with a subscription to an Internet Service										
2	Yes, without a subscription to an Internet Service										
3	No Internet access at this house, apartment, or mobile home										

Variable: "CILAPTOP"

Name:	CILAPTOP
Label:	Laptop, desktop, or notebook computer
Variable Text:	<p>CILAPTOP reports whether the respondent or any member of their household owned or used a desktop, laptop, netbook, or notebook computer. This excludes GPS devices with only limited computed capabilities, for example: household appliances.</p> <p>User Note: The ACS 2016 introduced changes to the questions regarding computer use and Internet access. See the comparability section and questionnaire text for more information.</p>

Concept:	Appliances, Mechanical, Other Variables -- HOUSEHOLD
Start Position:	126
End Position:	126
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0	N/A (GQ)
1	Yes
2	No

Variable: "CIDATAPLN"

Name:	CIDATAPLN
Label:	Cellular data plan for a smartphone or other mobile device
Variable Text:	CIDATAPLN reports whether the respondent or any member of their household subscribed to the Internet using a cellular data plan for a smartphone or other mobile device. User Note: The ACS 2016 introduced changes to the questions regarding computer use and Internet access. See the comparability section and questionnaire text for more information.
Concept:	Appliances, Mechanical, Other Variables -- HOUSEHOLD
Start Position:	127
End Position:	127
Width:	1
Variable Format:	numeric

Format:	
Implied Decimal Places:	0
Categories	
Value	Label
0	N/A (GQ)
1	Yes
2	No

Variable: "CIHISPEED"

Name:	CIHISPEED
Label:	Broadband (high speed) Internet service such as cable, fiber optic, or DSL service
Variable Text:	CIHISPEED reports whether the respondent or any member of their household subscribed to the Internet using broadband (high speed) Internet service such as cable, fiber optic, or DSL service. User Note: The ACS 2016 introduced changes to the questions regarding computer use and Internet access. See the comparability section and questionnaire text for more information. Additional information provided by the Census Bureau regarding these question alterations are available in the report: ACS Content Test Shows Need to Update Terminology
Concept:	Appliances, Mechanical, Other Variables -- HOUSEHOLD
Start Position:	128
End Position:	129
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
Categories	

Value	Label
00	N/A (GQ)
10	Yes (Cable modem, fiber optic or DSL service)
11	Cable modem only
12	Fiber optic only
13	DSL service only
14	Cable modem + Fiber optic
15	Cable modem + DSL service
16	Fiber optic + DSL service
17	Cable modem, Fiber optic and DSL service
20	No

Variable: "CISAT"

Name:	CISAT
Label:	Satellite internet service
Variable Text:	<p>CISAT reports whether the respondent or any member of their household subscribed to the Internet using a satellite internet service plan.</p> <p>User Note: The ACS 2016 introduced changes to the questions regarding computer use and Internet access. See the comparability section and questionnaire text for more information.</p>
Concept:	Appliances, Mechanical, Other Variables -- HOUSEHOLD
Start Position:	130
End Position:	130
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0	N/A (GQ)
1	Yes
2	No

Variable: "CIDIAL"

Name:	CIDIAL
Label:	Dial-up service
Variable Text:	<p>CIDIAL reports whether the respondent or any member of their household subscribed to the Internet using a dial-up service plan.</p> <p>User Note: The ACS 2016 introduced changes to the questions regarding computer use and Internet access. See the comparability section and questionnaire text for more information.</p>
Concept:	Appliances, Mechanical, Other Variables -- HOUSEHOLD
Start Position:	131
End Position:	131
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0	N/A (GQ)
1	Yes
2	No

Variable: "CIOTHSVC"

Name:	CIOTHSVC								
Label:	Other internet service								
Variable Text:	<p>CIOTHSVC reports whether the respondent or any member of their household subscribed to the Internet using some other service.</p> <p>User Note: The ACS 2016 introduced changes to the questions regarding computer use and Internet access. See the comparability section and questionnaire text for more information.</p>								
Concept:	Appliances, Mechanical, Other Variables -- HOUSEHOLD								
Start Position:	132								
End Position:	132								
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 (GQ)</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </tbody> </table>		Value	Label	0	N/A (GQ)	1	Yes	2	No
Value	Label								
0	N/A (GQ)								
1	Yes								
2	No								

Variable: "COUPLETYPE"

Name:	COUPLETYPE
Label:	Householder couple type
Variable Text:	COUPLETYPE reports the type of relationship the householder shares with their significant other. Beginning in the 2019 ACS/PRCS, COUPLETYPE replaced SSMC (same-sex married couples) to provide a more comprehensive variable capturing different relationship types. COUPLETYPE includes householders with both married and unmarried partners in same-sex

and opposite-sex relationships.

User Note: Although COUPLETYPE replaces SSMC starting in the 2019 ACS/PRCS surveys, IPUMS will continue to make SSMC available by integrating COUPLETYPE into the SSMC categories. See the variable description for SSMC for more information about this variable.

Concept: Household Composition Variables -- HOUSEHOLD

Start Position: 133

End Position: 133

Width: 1

Variable Format: numeric

Implied Decimal Places: 0

Categories

Value	Label
0	N/A
1	Opposite-sex husband/wife/spouse household
2	Same-sex husband/wife/spouse household
3	Opposite-sex unmarried partner household
4	Same-sex unmarried partner household

Variable: "SSMC"

Name:	SSMC
Label:	Same-sex married couple
Variable Text:	<p>SSMC reports whether the head of household and spouse are a same-sex married couple. Beginning in the 2013 ACS/PRCS, same-sex married couples are included in the "married spouse present" category. As well, beginning in 2013, family household and married-couple families include same-sex married couples.</p> <p>Prior to the 2013 ACS/PRCS, same-sex married couples were recoded by the Census Bureau from married to unmarried partners. The 2012 ACS/PRCS included a data quality flag identifying same-sex married couples that had been recoded (QRELATE = 9 "Same sex spouse changed to unmarried partner").</p>

	User Note: Same-sex married couples are only shown as the householder and spouse, and are not included in subfamilies. Respondents with an SSMC value of 1 were logically allocated as a same-sex married-couple, even though they were missing valid responses for SEX or RELATE. See the SSMC and Family Interrelationship page for information on how the IPUMS-USA family interrelationship variables interact with same-sex married couple households.								
Concept:	Household Composition Variables -- HOUSEHOLD								
Start Position:	134								
End Position:	134								
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>Households without a same-sex married couple</td></tr> <tr> <td>1</td><td>Same-sex married-couple household where not all relevant data shown as reported</td></tr> <tr> <td>2</td><td>All other same-sex married couple households</td></tr> </tbody> </table>		Value	Label	0	Households without a same-sex married couple	1	Same-sex married-couple household where not all relevant data shown as reported	2	All other same-sex married couple households
Value	Label								
0	Households without a same-sex married couple								
1	Same-sex married-couple household where not all relevant data shown as reported								
2	All other same-sex married couple households								

Variable: "NFAMS"

Name:	NFAMS
Label:	Number of families in household
Variable Text:	<p>NFAMS is a constructed variable that counts the number of families within each unit. A "family" is any group of persons related by blood, adoption, or marriage. An unrelated individual is considered a separate family. Thus, a household consisting of a widow and her servant contains two families; a household consisting of a large, multiple-generation extended family with no boarders, lodgers, or servants counts as a single family.</p> <p>The universe for this variable, in the U.S. censuses from 1850 to 1930 and the 1940 100% dataset is all sample units, which relies on SAMPRULE. Additionally, the universe for this variable in the 1910-1920 Puerto Rican censuses is SAMPRULE not equal to 4.</p>
Concept:	Household Composition Variables -- HOUSEHOLD

Start Position:	135
End Position:	136
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
00	0 families (vacant unit)
01	1 family or N/A
02	2 families
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11
12	12
13	13
14	14
15	15

16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30

Variable: "NSUBFAM"

Name:	NSUBFAM
Label:	Number of subfamilies in household
Variable Text:	<p>NSUBFAM indicates the number of subfamilies (if any) within the housing unit each person belongs. All individuals who are not part of a subfamily, including all residents of group quarters, receive a code of 0. See SUBFAM for a person-level variable identifying the members of each subfamily.</p> <p>NSUBFAM is analogous to NFAMS in that it provides the number of family units within each household, but the specific family unit measured by each is different. NFAMS counts as one family all individuals who are related to the household head, whether or not they belong to a subfamily; NSUBFAM does not count household heads or their relatives unless they belong to a subfamily. Additionally, NFAMS counts as separate family units all individuals who are unrelated to the head and who live without a spouse or children; NSUBFAM does not. However, all unrelated subfamilies are counted as separate family units in both NFAMS and NSUBFAM.</p> <p>For more information on subfamilies and their measurement, see Subfamily Overview.</p>
Concept:	Household Composition Variables -- HOUSEHOLD

Start Position:	137																						
End Position:	137																						
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>No subfamilies or N/A (GQ/vacant unit)</td></tr> <tr><td>1</td><td>1 subfamily</td></tr> <tr><td>2</td><td>2 subfamilies</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td></tr> </tbody> </table>		Value	Label	0	No subfamilies or N/A (GQ/vacant unit)	1	1 subfamily	2	2 subfamilies	3	3	4	4	5	5	6	6	7	7	8	8	9	9
Value	Label																						
0	No subfamilies or N/A (GQ/vacant unit)																						
1	1 subfamily																						
2	2 subfamilies																						
3	3																						
4	4																						
5	5																						
6	6																						
7	7																						
8	8																						
9	9																						

Variable: "NCOUPLES"

Name:	NCOUPLES
Label:	Number of couples in household
Variable Text:	NCOUPLES is a constructed variable (using SPLOC) that counts the number of married and cohabiting couples within each unit. IPUMS is only able to identify cohabiting in samples 1990 and later. Units with no couples present are coded "0." For persons in households, NCOUPLES indicates the number of identified couples in the household; for persons in group quarters in the period before 1940, NCOUPLES indicates the number of identified couples in any group of

related individuals.

The universe for this variable from 1850 to 1930 and the 1940 100% dataset is all sample units, which relies on SAMPRULE. Additionally, the universe for this variable in the 1910-1920 Puerto Rican censuses is SAMPRULE not equal to 4.

Concept: Household Composition Variables -- HOUSEHOLD

Start Position: 138

End Position: 138

Width: 1

Variable Format: numeric

Implied Decimal Places: 0

Categories

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

Variable: "NMOTHERS"

Name:	NMOTHERS
-------	----------

Label:	Number of mothers in household																				
Variable Text:	<p>NMOTHERS is a constructed variable that uses MOMLOC and MOMLOC2 to count the number of women within each unit who are identified as residing with their children. Units with no mothers present are coded "0." MOMLOC2 is only available in samples 1970 and later. For persons in households, NMOTHERS indicates the number of identified mothers in the household; for persons in group quarters in the period before 1940, NMOTHERS indicates the number of identified mothers in any group of related individuals.</p> <p>The universe for this variable from 1850 to 1930 and the 1940 100% dataset is all sample units, which relies on SAMPRULE. Additionally, the universe for this variable in the 1910-1920 Puerto Rican censuses is SAMPRULE not equal to 4.</p>																				
Concept:	Household Composition Variables -- HOUSEHOLD																				
Start Position:	139																				
End Position:	139																				
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>0 mothers or N/A</td></tr> <tr><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td></tr> </tbody> </table>		Value	Label	0	0 mothers or N/A	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8
Value	Label																				
0	0 mothers or N/A																				
1	1																				
2	2																				
3	3																				
4	4																				
5	5																				
6	6																				
7	7																				
8	8																				

Variable: "NFATHERS"

Name:	NFATHERS																
Label:	Number of fathers in household																
Variable Text:	<p>NFATHERS is a constructed variable that uses POPLOC and POPLOC2 to count the number of men within each unit who are identified as residing with their children. Units with no fathers present are coded "0." POPLOC2 is only available in samples 1970 and later. For persons in households, NFATHERS indicates the number of identified fathers in the household; for persons in group quarters in the period before 1940, NFATHERS indicates the number of identified fathers in any group of related individuals.</p> <p>The universe for this variable from 1850 to 1930 and the 1940 100% dataset is all sample units, which relies on SAMPRULE. Additionally, the universe for this variable in the 1910-1920 Puerto Rican censuses is SAMPRULE not equal to 4.</p>																
Concept:	Household Composition Variables -- HOUSEHOLD																
Start Position:	140																
End Position:	140																
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>0 fathers or N/A</td> </tr> <tr> <td>1</td> <td>1</td> </tr> <tr> <td>2</td> <td>2</td> </tr> <tr> <td>3</td> <td>3</td> </tr> <tr> <td>4</td> <td>4</td> </tr> <tr> <td>5</td> <td>5</td> </tr> <tr> <td>6</td> <td>6</td> </tr> </tbody> </table>		Value	Label	0	0 fathers or N/A	1	1	2	2	3	3	4	4	5	5	6	6
Value	Label																
0	0 fathers or N/A																
1	1																
2	2																
3	3																
4	4																
5	5																
6	6																

Variable: "MULTGEN"

Name:	MULTGEN
Label:	Multigenerational household [general version]
Variable Text:	<p>MULTGEN identifies the number of distinct generations contained in each household. While the Census Bureau defines multigenerational households as those containing three or more generations, the detail provided in MULTGEN allows researchers more flexibility.</p> <p>Both general and detailed versions of MULTGEN are available. The general version indicates how many generations are present in the house; the detailed version provides more nuance within each general category.</p> <p>The number of generations was identified in two ways. First, relationships to the householder (RELATE) were divided into the following generational categories (general codes only): (1) Parent, Parent-in-law(2) Householder, Spouse, Sibling, Sibling-in-law(3) Child, Child-in-law(4) GrandchildThe number of generations is simply the number of these categories represented in the household.</p> <p>Second, the family inter-relationship pointer variables were examined to provide additional information on "other relatives" and nonrelatives of the householder. For example, two generations exist when someone is linked to a parent as identified by POPLOC and MOMLOC; three generations exist when that parent also has a parent in the household. Family interrelationship pointer variables were not able to be created in the 2010 Decennial Census. As a result, multigenerational households can only be identified through the Census Bureau's definitions.</p> <p>The following table provides more detail on the categories of MULTGEN: HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd"></p> <p>multgen_table</p>
Concept:	Household Composition Variables -- HOUSEHOLD
Start Position:	141
End Position:	141
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
Categories	

Value	Label
0	N/A
1	1 generation
2	2 generations
3	3+ generations

Variable: "MULTGEND"

Name:	MULTGEND
Label:	Multigenerational household [detailed version]
Variable Text:	<p>MULTGEN identifies the number of distinct generations contained in each household. While the Census Bureau defines multigenerational households as those containing three or more generations, the detail provided in MULTGEN allows researchers more flexibility.</p> <p>Both general and detailed versions of MULTGEN are available. The general version indicates how many generations are present in the house; the detailed version provides more nuance within each general category.</p> <p>The number of generations was identified in two ways. First, relationships to the householder (RELATE) were divided into the following generational categories (general codes only): (1) Parent, Parent-in-law(2) Householder, Spouse, Sibling, Sibling-in-law(3) Child, Child-in-law(4) GrandchildThe number of generations is simply the number of these categories represented in the household.</p> <p>Second, the family inter-relationship pointer variables were examined to provide additional information on "other relatives" and nonrelatives of the householder. For example, two generations exist when someone is linked to a parent as identified by POPLOC and MOMLOC; three generations exist when that parent also has a parent in the household. Family interrelationship pointer variables were not able to be created in the 2010 Decennial Census. As a result, multigenerational households can only be identified through the Census Bureau's definitions.</p> <p>The following table provides more detail on the categories of MULTGEN: HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd"></p> <p>multgen_table</p>
Concept:	Household Composition Variables -- HOUSEHOLD
Start Position:	142
End Position:	143

Width:	2																		
Variable Format:	numeric																		
Implied Decimal Places:	0																		
Categories																			
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>00</td><td>N/A</td></tr> <tr> <td>10</td><td>1 generation</td></tr> <tr> <td>20</td><td>1-2 generations (Census 2008 definition)</td></tr> <tr> <td>21</td><td>2 adjacent generations, adult-children</td></tr> <tr> <td>22</td><td>2 adjacent generations, adult-adult</td></tr> <tr> <td>23</td><td>2 nonadjacent generations</td></tr> <tr> <td>31</td><td>3+ generations (Census 2008 definition)</td></tr> <tr> <td>32</td><td>3+ generations (Additional IPUMS definition)</td></tr> </tbody> </table>		Value	Label	00	N/A	10	1 generation	20	1-2 generations (Census 2008 definition)	21	2 adjacent generations, adult-children	22	2 adjacent generations, adult-adult	23	2 nonadjacent generations	31	3+ generations (Census 2008 definition)	32	3+ generations (Additional IPUMS definition)
Value	Label																		
00	N/A																		
10	1 generation																		
20	1-2 generations (Census 2008 definition)																		
21	2 adjacent generations, adult-children																		
22	2 adjacent generations, adult-adult																		
23	2 nonadjacent generations																		
31	3+ generations (Census 2008 definition)																		
32	3+ generations (Additional IPUMS definition)																		

Variable: "CBNSUBFAM"

Name:	CBNSUBFAM
Label:	Number of subfamilies in household (original Census Bureau classification)
Variable Text:	<p>CBSFTYPE reports the number of subfamilies as originally classified by the Census Bureau that the household contains. See the IPUMS subfamilies page for more information on subfamilies and their measurement.</p> <p>Unlike the IPUMS analogue NSUBFAM, CBNSUBFAM is not based on the family interrelationship variables, and it does not identify unrelated subfamilies. Furthermore, the Census Bureau's procedures for identifying subfamilies are known to be unreliable, and only with the more recent ACS data do their procedures appear to yield consistent results.</p> <p>CBNSUBFAM is useful mainly for users attempting to match the Census Bureau's summary files or published estimates; other users--particularly those analyzing change over time--are encouraged to use NSUBFAM.</p>
Concept:	Household Composition Variables -- HOUSEHOLD

Start Position:	144
End Position:	144
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0	No subfamilies or N/A (GQ/vacant unit)
1	1 subfamily
2	2 subfamilies
3	3
4	4
5	5
6	6
7	7
8	8
9	9

Variable: "REPWT1"

Name:	REPWT1
Label:	Household replicate weight 1
Variable Text:	<p>Replicate weights allow users to generate empirically derived standard errors. Calculating the standard error of an estimate enables the construction of a confidence interval around the sample estimate of interest and may also be used in hypothesis testing.</p> <p>In theory, the standard error of an estimate measures the variation of a statistic across multiple samples of a given population. Researchers can use replicate weights to mirror</p>

this theoretical approach when only sample data is available.

The 2005-2007 ACS and PRCS samples contain eighty replicate weights at the household level (variables named REPWT1 through REPWT80) and eighty at the person level (variables named REPWTP1 through REPWTP80). The Census Bureau produced these weights by using what is known as the Successive Difference Replication (SDR) method, which involves repeated implementations of the initial weighting algorithm.

To calculate standard errors, users should generate 80 separate estimates using each of the 80 replicate weights. Along with the single full-sample estimate that can be generated using PERWT or HHWT, this information can then be used to compute the standard error of the estimate with this formula provided by the Census Bureau:

where r is the number of replicates (1-80),

X is the full-sample estimate based on the unbiased weights (either PERWT or HHWT), X_r is the replicate estimate based on the r-th set of replicate weights. Once calculated, the standard error is useful for constructing confidence intervals and in hypothesis testing.

This method is a more precise alternative to the method of generating standard errors described in the SUBSAMP variable description. SUBSAMP allows users to divide an IPUMS sample into 100 component parts and then to generate subsample estimates for each of those parts. Replicate weights allow users to generate 80 replicate estimates, each of which uses full sample data. Thus, instead of calculating the variation among 100 small subsample estimates as one would do using SUBSAMP, replicate weights allow for calculating the variation among eighty full-size estimates, using REPWT(P)1-REPWT(P)80.

Standard errors computed using replicate weights are almost always more accurate than those computed using subsamples. Estimates generated with replicate weights have more cases involved since each estimate uses all sample data rather than 1/100th of all of the sample data. Furthermore, the replicate weights themselves are constructed by the Census Bureau with full sampling information that is not available in samples prior to 2005. Additional information about replicate weights is available in the 2005 ACS PUMS Accuracy Statement .

User Note: The successive difference replication approach (SDR) is different from other methods for creating replicate weights such as balanced repeated replication (BRR) and jackknife estimation.

Concept:	Technical Variables -- HOUSEHOLD
Start Position:	145
End Position:	150
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>CodesREPWT(P) is a 4-digit numeric variable.</p> <p>NOTE: Eighty sets of 4-digit household (REPWT1-REPWT80) and person (REPWTP1-REPWTP80) level replicate weights are included in extracts where this selection is made.</p>

Variable: "REPWT2"

Name:	REPWT2
Label:	Household replicate weight 2
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	151
End Position:	156
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT3"

Name:	REPWT3
Label:	Household replicate weight 3
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	157
End Position:	162
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT4"

Name:	REPWT4
Label:	Household replicate weight 4
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	163
End Position:	168
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT5"

Name:	REPWT5
Label:	Household replicate weight 5
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	169
End Position:	174
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT6"

Name:	REPWT6

Label:	Household replicate weight 6
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	175
End Position:	180
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT7"

Name:	REPWT7
Label:	Household replicate weight 7
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	181
End Position:	186
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT8"

Name:	REPWT8
Label:	Household replicate weight 8

Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	187
End Position:	192
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT9"

Name:	REPWT9
Label:	Household replicate weight 9
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	193
End Position:	198
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT10"

Name:	REPWT10
Label:	Household replicate weight 10
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.

Concept:	Technical Variables -- HOUSEHOLD
Start Position:	199
End Position:	204
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT11"

Name:	REPWT11
Label:	Household replicate weight 11
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	205
End Position:	210
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT12"

Name:	REPWT12
Label:	Household replicate weight 12
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD

Start Position:	211
End Position:	216
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT13"

Name:	REPWT13
Label:	Household replicate weight 13
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	217
End Position:	222
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT14"

Name:	REPWT14
Label:	Household replicate weight 14
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	223

End Position:	228
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT15"

Name:	REPWT15
Label:	Household replicate weight 15
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	229
End Position:	234
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT16"

Name:	REPWT16
Label:	Household replicate weight 16
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	235
End Position:	240

Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT17"

Name:	REPWT17
Label:	Household replicate weight 17
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	241
End Position:	246
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT18"

Name:	REPWT18
Label:	Household replicate weight 18
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	247
End Position:	252
Width:	6

Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT19"

Name:	REPWT19
Label:	Household replicate weight 19
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	253
End Position:	258
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT20"

Name:	REPWT20
Label:	Household replicate weight 20
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	259
End Position:	264
Width:	6
Variable Format:	numeric

Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT21"

Name:	REPWT21
Label:	Household replicate weight 21
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	265
End Position:	270
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT22"

Name:	REPWT22
Label:	Household replicate weight 22
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	271
End Position:	276
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0

Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places
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Variable: "REPWT23"

Name:	REPWT23
Label:	Household replicate weight 23
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	277
End Position:	282
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT24"

Name:	REPWT24
Label:	Household replicate weight 24
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	283
End Position:	288
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT25"

Name:	REPWT25
Label:	Household replicate weight 25
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	289
End Position:	294
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT26"

Name:	REPWT26
Label:	Household replicate weight 26
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	295
End Position:	300
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT27"

Name:	REPWT27
Label:	Household replicate weight 27
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	301
End Position:	306
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT28"

Name:	REPWT28
Label:	Household replicate weight 28
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	307
End Position:	312
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT29"

Name:	REPWT29
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Label:	Household replicate weight 29
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	313
End Position:	318
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT30"

Name:	REPWT30
Label:	Household replicate weight 30
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	319
End Position:	324
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT31"

Name:	REPWT31
Label:	Household replicate weight 31

Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	325
End Position:	330
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT32"

Name:	REPWT32
Label:	Household replicate weight 32
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	331
End Position:	336
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT33"

Name:	REPWT33
Label:	Household replicate weight 33
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.

Concept:	Technical Variables -- HOUSEHOLD
Start Position:	337
End Position:	342
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT34"

Name:	REPWT34
Label:	Household replicate weight 34
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	343
End Position:	348
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT35"

Name:	REPWT35
Label:	Household replicate weight 35
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD

Start Position:	349
End Position:	354
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT36"

Name:	REPWT36
Label:	Household replicate weight 36
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	355
End Position:	360
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT37"

Name:	REPWT37
Label:	Household replicate weight 37
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	361

End Position:	366
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT38"

Name:	REPWT38
Label:	Household replicate weight 38
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	367
End Position:	372
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT39"

Name:	REPWT39
Label:	Household replicate weight 39
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	373
End Position:	378

Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT40"

Name:	REPWT40
Label:	Household replicate weight 40
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	379
End Position:	384
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT41"

Name:	REPWT41
Label:	Household replicate weight 41
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	385
End Position:	390
Width:	6

Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT42"

Name:	REPWT42
Label:	Household replicate weight 42
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	391
End Position:	396
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT43"

Name:	REPWT43
Label:	Household replicate weight 43
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	397
End Position:	402
Width:	6
Variable Format:	numeric

Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT44"

Name:	REPWT44
Label:	Household replicate weight 44
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	403
End Position:	408
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT45"

Name:	REPWT45
Label:	Household replicate weight 45
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	409
End Position:	414
Width:	6
Variable Format:	numeric
Implied Decimal	0

Places:	
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT46"

Name:	REPWT46
Label:	Household replicate weight 46
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	415
End Position:	420
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT47"

Name:	REPWT47
Label:	Household replicate weight 47
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	421
End Position:	426
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0

Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places
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Variable: "REPWT48"

Name:	REPWT48
Label:	Household replicate weight 48
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	427
End Position:	432
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT49"

Name:	REPWT49
Label:	Household replicate weight 49
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	433
End Position:	438
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT50"

Name:	REPWT50
Label:	Household replicate weight 50
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	439
End Position:	444
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT51"

Name:	REPWT51
Label:	Household replicate weight 51
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	445
End Position:	450
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT52"

Name:	REPWT52
Label:	Household replicate weight 52
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	451
End Position:	456
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT53"

Name:	REPWT53
Label:	Household replicate weight 53
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	457
End Position:	462
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT54"

Name:	REPWT54

Label:	Household replicate weight 54
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	463
End Position:	468
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT55"

Name:	REPWT55
Label:	Household replicate weight 55
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	469
End Position:	474
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT56"

Name:	REPWT56
Label:	Household replicate weight 56

Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	475
End Position:	480
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT57"

Name:	REPWT57
Label:	Household replicate weight 57
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	481
End Position:	486
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT58"

Name:	REPWT58
Label:	Household replicate weight 58
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.

Concept:	Technical Variables -- HOUSEHOLD
Start Position:	487
End Position:	492
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT59"

Name:	REPWT59
Label:	Household replicate weight 59
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	493
End Position:	498
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT60"

Name:	REPWT60
Label:	Household replicate weight 60
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD

Start Position:	499
End Position:	504
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT61"

Name:	REPWT61
Label:	Household replicate weight 61
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	505
End Position:	510
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT62"

Name:	REPWT62
Label:	Household replicate weight 62
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	511

End Position:	516
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT63"

Name:	REPWT63
Label:	Household replicate weight 63
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	517
End Position:	522
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT64"

Name:	REPWT64
Label:	Household replicate weight 64
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	523
End Position:	528

Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT65"

Name:	REPWT65
Label:	Household replicate weight 65
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	529
End Position:	534
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT66"

Name:	REPWT66
Label:	Household replicate weight 66
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	535
End Position:	540
Width:	6

Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT67"

Name:	REPWT67
Label:	Household replicate weight 67
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	541
End Position:	546
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT68"

Name:	REPWT68
Label:	Household replicate weight 68
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	547
End Position:	552
Width:	6
Variable Format:	numeric

Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT69"

Name:	REPWT69
Label:	Household replicate weight 69
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	553
End Position:	558
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT70"

Name:	REPWT70
Label:	Household replicate weight 70
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	559
End Position:	564
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0

Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places
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Variable: "REPWT71"

Name:	REPWT71
Label:	Household replicate weight 71
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	565
End Position:	570
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT72"

Name:	REPWT72
Label:	Household replicate weight 72
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	571
End Position:	576
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT73"

Name:	REPWT73
Label:	Household replicate weight 73
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	577
End Position:	582
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT74"

Name:	REPWT74
Label:	Household replicate weight 74
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	583
End Position:	588
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT75"

Name:	REPWT75
Label:	Household replicate weight 75
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	589
End Position:	594
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT76"

Name:	REPWT76
Label:	Household replicate weight 76
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	595
End Position:	600
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT77"

Name:	REPWT77
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Label:	Household replicate weight 77
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	601
End Position:	606
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT78"

Name:	REPWT78
Label:	Household replicate weight 78
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	607
End Position:	612
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT79"

Name:	REPWT79
Label:	Household replicate weight 79

Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	613
End Position:	618
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places

Variable: "REPWT80"

Name:	REPWT80
Label:	Household replicate weight 80
Variable Text:	Extracts include the REPWT1-REPWT80 variables if users choose REPWT during the extract process.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	619
End Position:	624
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 6-digit numeric variable with 0 implied decimal places