

## User Extract usa\_00005.dat

### Jump to Section

1. [Document Description](#)
2. [Study Description](#)
3. [File Description](#)
4. [Variable Description](#)

### § 1. Document Description

#### Citation

Title Statement	
Title:	Codebook for an IPUMS-USA Data Extract
Subtitle:	DDI 2.5 metadata describing the extract file 'usa_00005.dat'
Identification Number:	ddi2-133718_usa_00005.dat-usa.ipums.org
Responsibility Statement	
Authoring Entity:	Minnesota Population Center
Affiliation:	University of Minnesota
Production Statement	
Producer:	Minnesota Population Center

Affiliation:	University of Minnesota
Role:	Documentation
Date of Production:	November 14, 2020
Place of Production:	Minnesota Population Center, 50 Willey Hall, 225 - 19th Avenue South, Minneapolis, MN 55455
<b>Distribution Statement</b>	
Contact Persons:	Minnesota Population Center
Affiliation:	University of Minnesota
URI:	<a href="http://pop.umn.edu">http://pop.umn.edu</a>

## § 2. Study Description

### Citation

<b>Title Statement</b>	
Title:	User Extract usa_00005.dat
<b>Responsibility Statement</b>	
Authoring Entity:	Minnesota Population Center
Affiliation:	University of Minnesota
<b>Production Statement</b>	
Producer:	Minnesota Population Center
Affiliation:	University of Minnesota

Role:	Documentation
Date of Production:	November 14, 2020
Place of Production:	Minnesota Population Center, 50 Willey Hall, 225 - 19th Avenue South, Minneapolis, MN 55455
<b>Distribution Statement</b>	
Contact Persons:	Minnesota Population Center
Affiliation:	University of Minnesota
URI:	<a href="http://pop.umn.edu">http://pop.umn.edu</a>
<b>Version Statement</b>	
Date:	2020-11-14

## Study Scope

<b>Subject Information</b>	
Topic Classification:	Technical Variables -- HOUSEHOLD
	Geographic Variables -- HOUSEHOLD
	Group Quarters Variables -- HOUSEHOLD
	Economic Characteristic Variables -- HOUSEHOLD
	Appliances, Mechanical, Other Variables -- HOUSEHOLD
	Technical Variables -- PERSON
	Family Interrelationship Variables -- PERSON
	Demographic Variables -- PERSON

	Race, Ethnicity, and Nativity Variables -- PERSON
	Education Variables -- PERSON
	Work Variables -- PERSON
<b>Summary Data Description</b>	
Time Period:	2010
Country:	United States
<b>Summary Data Description</b>	
Time Period:	2011
Country:	United States
<b>Summary Data Description</b>	
Time Period:	2012
Country:	United States
<b>Summary Data Description</b>	
Time Period:	2013
Country:	United States
<b>Summary Data Description</b>	
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
Notes	
Note:	Additional notes on a sample that is part of this study: 2010 ACS Density of the full data file: 1.0% Density of this extract: 1.0%
	Additional notes on a sample that is part of this study: 2011 ACS Density of the full data file: 1.0% Density of this extract: 1.0%
	Additional notes on a sample that is part of this study: 2012 ACS Density of the full data file: 1.0% Density of this extract: 1.0%
	Additional notes on a sample that is part of this study: 2013 ACS Density of the full data file: 1.0% Density of this extract: 1.0%

	Additional notes on a sample that is part of this study: 2014 ACS\n Density of the full data file: 1.0%\n Density of this extract: 1.0%
	Additional notes on a sample that is part of this study: 2015 ACS\n Density of the full data file: 1.0%\n Density of this extract: 1.0%
	Additional notes on a sample that is part of this study: 2016 ACS\n Density of the full data file: 1.0%\n Density of this extract: 1.0%
	Additional notes on a sample that is part of this study: 2017 ACS\n Density of the full data file: 1.0%\n Density of this extract: 1.0%
	Additional notes on a sample that is part of this study: 2018 ACS\n Density of the full data file: 1.0%\n Density of this extract: 1.0%

## Data Access - Use Statement

<b>Confidentiality Declaration</b>	
None	
Contact Persons:	IPUMS-USA
Affiliation:	Minnesota Population Center
URI:	<a href="http://usa.ipums.org">http://usa.ipums.org</a>
<b>Citation Requirement</b>	
<p>Publications and research reports based on the IPUMS-USA database must cite it appropriately. The citation should include the following:</p> <p>Steven Ruggles, Sarah Flood, Ronald Goeken, Josiah Grover, Erin Meyer, Jose Pacas and Matthew Sobek. IPUMS USA: Version 10.0 [dataset]. Minneapolis, MN: IPUMS, 2020. <a href="https://doi.org/10.18128/D010.V10.0">https://doi.org/10.18128/D010.V10.0</a></p> <p>The licensing agreement for use of IPUMS-USA data requires that users supply us with the title and full citation for any publications, research reports, or educational materials making use of the data or documentation. Please add your citation to the IPUMS bibliography at <a href="http://bibliography.ipums.org/">http://bibliography.ipums.org/</a>.</p>	
<b>Conditions</b>	

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](mailto: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: Team-92 ACS

## § 3. File Description

### File

File Name:	usa_00005.dat
Contents of Files:	Microdata records
Type:	rectangular

File Type:	ISO-8859-1 data file
Data Format:	fixed length fields
Place of File Production:	Minnesota Population Center, 50 Willey Hall, 225 - 19th Avenue South, Minneapolis, MN 55455

## § 4. Variable Description

### Jump to Variable

1. [YEAR](#) (Census year)
2. [SAMPLE](#) (IPUMS sample identifier)
3. [SERIAL](#) (Household serial number)
4. [CBSERIAL](#) (Original Census Bureau household serial number)
5. [HHWT](#) (Household weight)
6. [CLUSTER](#) (Household cluster for variance estimation)
7. [REGION](#) (Census region and division)
8. [STATEFIP](#) (State (FIPS code))
9. [COUNTYFIP](#) (County (FIPS code))
10. [STRATA](#) (Household strata for variance estimation)
11. [GQ](#) (Group quarters status)
12. [HHINCOME](#) (Total household income)
13. [CINETHH](#) (Access to internet)
14. [CILAPTOP](#) (Laptop, desktop, or notebook computer)
15. [CISMRTPHN](#) (Smartphone)
16. [CITABLET](#) (Tablet or other portable wireless computer)
17. [CIHAND](#) (Handheld computer)
18. [CIOTHCOMP](#) (Other computer equipment)
19. [CIDATAPLN](#) (Cellular data plan for a smartphone or other mobile device)
20. [CIHISPEED](#) (Broadband (high speed) Internet service such as cable, fiber optic, or DSL service)
21. [CISAT](#) (Satellite internet service)
22. [CIDIAL](#) (Dial-up service)
23. [CIOTHSVC](#) (Other internet service)
24. [RESPMODE](#) (Response mode)



25. [PERNUM](#) (Person number in sample unit)
26. [PERWT](#) (Person weight)
27. [FAMSIZE](#) (Number of own family members in household)
28. [SEX](#) (Sex)
29. [AGE](#) (Age)
30. [MARST](#) (Marital status)
31. [RACE](#) (Race [general version])
32. [RACED](#) (Race [detailed version])
33. [HISPAN](#) (Hispanic origin [general version])
34. [HISPAND](#) (Hispanic origin [detailed version])
35. [CITIZEN](#) (Citizenship status)
36. [LANGUAGE](#) (Language spoken [general version])
37. [LANGUAGEDE](#) (Language spoken [detailed version])
38. [SPEAKENG](#) (Speaks English)
39. [EDUC](#) (Educational attainment [general version])
40. [EDUCDE](#) (Educational attainment [detailed version])
41. [OCC2010](#) (Occupation, 2010 basis)

## 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

**Variable: "SAMPLE"**

Name:	SAMPLE
Label:	IPUMS sample identifier
Variable Text:	<p>SAMPLE identifies the IPUMS sample from which the case is drawn. Each sample receives a unique 6-digit code. The codes are structured as follows:</p> <p>The first four digits are the year of the census/survey.</p> <p>The next two digits identify the sample within the year.</p> <p>For most censuses, IPUMS has multiple datasets which were constructed using different sampling techniques (i.e. size/demographic of the sample population, geographic coverage level or location, or duration of the sampling period for the ACS/PRCS samples).</p> <p>The availability table for each variable indicates whether that variable is available in only certain samples for a given year. For further discussion of sample differences, see "Sample Designs." [URL omitted from DDI.].</p> <p>Note: SAMPLE replaces DATANUM. Though the last two digits in SAMPLE do not correlate exactly with the now-deprecated DATANUM, the variable serves the same purpose of assigning a unique id to all cases that belong to the same dataset.</p>
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	5
End Position:	10
Width:	6
Variable Format:	numeric

Implied  
Decimal  
Places:

0

## Categories

Value	Label
185001	1850 1%
185002	1850 100% database
186001	1860 1%
186002	1860 1% sample with black oversample
186003	1860 100% database
187001	1870 1%
187002	1870 1% sample with black oversample
187003	1870 100% database
188001	1880 1%
188002	1880 10%
188003	1880 100% database
190001	1900 5%
190002	1900 1%
190003	1900 1% sample with oversamples
190004	1900 100% database

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

197005	1970 Form 1 Neighborhood
197006	1970 Form 2 Neighborhood
197007	1970 Puerto Rico State
197008	1970 Puerto Rico Municipio
197009	1970 Puerto Rico Neighborhood
198001	1980 5%
198002	1980 1%
198003	1980 Urban/Rural
198004	1980 Labor Market Area
198005	1980 Detailed metro/non-metro
198006	1980 Puerto Rico 5%
198007	1980 Puerto Rico 1%
199001	1990 5%
199002	1990 1%
199003	1990 Unweighted 1%
199004	1990 Elderly
199005	1990 Labor Market Area
199006	1990 Puerto Rico 5%
199007	1990 Puerto Rico 1%
200001	2000 5%

200002	2000 1% sample (old version)
200003	2000 Unweighted 1%
200004	2000 ACS
200005	2000 Puerto Rico 5%
200006	2000 Puerto Rico 1% sample (old version)
200007	2000 1%
200008	2000 Puerto Rico 1%
200101	2001 ACS
200201	2002 ACS
200301	2003 ACS
200401	2004 ACS
200501	2005 ACS
200502	2005 PRCS
200601	2006 ACS
200602	2006 PRCS
200701	2007 ACS
200702	2007 PRCS
200703	2005-2007, ACS 3-year
200704	2005-2007, PRCS 3-year
200801	2008 ACS



200802	2008 PRCS
200803	2006-2008, ACS 3-year
200804	2006-2008, PRCS 3-year
200901	2009 ACS
200902	2009 PRCS
200903	2007-2009, ACS 3-year
200904	2007-2009, PRCS 3-year
200905	2005-2009, ACS 5-year
200906	2005-2009, PRCS 5-year
201001	2010 ACS
201002	2010 PRCS
201003	2008-2010, ACS 3-year
201004	2008-2010, PRCS 3-year
201005	2006-2010, ACS 5-year
201006	2006-2010, PRCS 5-year
201007	2010 10%
201008	2010 Puerto Rico 10%
201101	2011 ACS
201102	2011 PRCS
201103	2009-2011, ACS 3-year

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

201502	2015 PRCS
201503	2011-2015, ACS 5-year
201504	2011-2015, PRCS 5-year
201601	2016 ACS
201602	2016 PRCS
201603	2012-2016, ACS 5-year
201604	2012-2016, PRCS 5-year
201701	2017 ACS
201702	2017 PRCS
201703	2013-2017, ACS 5-year
201704	2013-2017, PRCS 5-year
201801	2018 ACS
201802	2018 PRCS
201803	2014-2018, ACS 5-year
201804	2014-2018, PRCS 5-year
201901	2019 ACS
201902	2019 PRCS

**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" [URL omitted from DDI.] for further discussion of sampling from within multi-household dwellings.</p>
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	11
End Position:	18
Width:	8
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>SERIAL is an 8-digit numeric variable which assigns a unique identification number to each household record in a given sample (See PERNUM for the analogous person record identifier). A combination of SAMPLE and SERIAL provides a unique identifier for every household in the IPUMS; the combination of SAMPLE, SERIAL, and PERNUM uniquely identifies every person in the database. SERIAL specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below if applicable by Census year (and data sample if specified).</p> <p>SERIAL Specific Variable Codes</p>

### Variable: "CBSERIAL"

Name:	CBSERIAL
-------	----------

Label:	Original Census Bureau household serial number
Variable Text:	<p>CBSERIAL is the unique, original identification number assigned to each household record in a given sample by the Census Bureau. All person records are assigned the same serial number as the household record that they follow. (The original person record unique identification numbers assigned by the Census Bureau are provided by CBPERNUM.)</p> <p>A combination of SAMPLE and CBSERIAL provides a unique identifier for every household in the IPUMS; the combination of SAMPLE, CBSERIAL, and CBPERNUM uniquely identifies every person in the database.</p>
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	19
End Position:	31
Width:	13
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>CBSERIAL is an 8-digit numeric variable which assigns a unique identification number to each household record in a given sample (See CBPERNUM for the analogous person record identifier). CBSERIAL specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below if applicable by Census year (and data sample if specified).</p> <p>CBSERIAL Specific Variable Codes</p>

### Variable: "HHWT"

Name:	HHWT
Label:	Household weight
Variable	HHWT indicates how many households in the U.S. population are represented by a given household in an IPUMS sample.

Text:	<p>It is generally a good idea to use HHWT when conducting a household-level analysis of any IPUMS sample. The use of HHWT is optional when analyzing one of the "flat" or unweighted IPUMS samples. Flat IPUMS samples include the 1% samples from 1850-1930, all samples from 1960, 1970, and 1980, the 1% unweighted samples from 1990 and 2000, the 10% 2010 sample, and any of the full count 100% census datasets. HHWT must be used to obtain nationally representative statistics for household-level analyses of any sample other than those.</p> <p>Users should also be sure to select one person (e.g., PERNUM = 1) to represent the entire household.</p> <p>For further explanation of the sample weights, see "Sample Designs" [URL omitted from DDI.] and "Sample Weights" [URL omitted from DDI.]. See also PERWT for a corresponding variable at the person level, and SLWT for a weight variable used with sample-line records in 1940 1% and 1950.</p>
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	32
End Position:	41
Width:	10
Variable Format:	numeric
Implied Decimal Places:	2
Coder Instructions:	<p>HHWT is a 6-digit numeric variable which indicates how many households in the U.S. population are represented by a given household in an IPUMS sample and has two implied decimals. For example, a HHWT value of 010461 should be interpreted as 104.61. HHWT specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below if applicable by Census year (and data sample if specified).</p> <p>User Note: Users should also be sure to select one person (e.g., PERNUM = 1) to represent the entire household when using HHWT.</p> <p>HHWT Specific Variable Codes</p>

**Variable: "CLUSTER"**

Name:	CLUSTER
Label:	Household cluster for variance estimation
Variable Text:	CLUSTER is designed for use with STRATA in Taylor series linear approximation for correction of complex sample design characteristics. See the STRATA variable description for more details.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	42
End Position:	54
Width:	13
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>CLUSTER 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: "REGION"

Name:	REGION
Label:	Census region and division
Variable Text:	REGION identifies the region and division where the housing unit was located. Unless otherwise noted in the comparability discussion, states, or territories that later became states, are recoded into the following 1990 regional and divisional classification

	<p>system:</p> <p>1. Northeast Region New England Division: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont 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 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 East South Central Division: Alabama, Kentucky, Mississippi, Tennessee 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 Pacific Division: Alaska, California, Hawaii, Oregon, Washington</p> <p>9. State Unknown 1900-1910: overseas military reservations are not identified by state. 1980-1990: to protect confidentiality, state cannot be identified for PUMAs or county groups that cross state boundaries.</p>				
Concept:	Geographic Variables -- HOUSEHOLD				
Start Position:	55				
End Position:	56				
Width:	2				
Variable Format:	numeric				
Implied Decimal Places:	0				
<b>Categories</b>					
<table><tr><th>Value</th><th>Label</th></tr><tr><td>11</td><td>New England Division</td></tr></table>		Value	Label	11	New England Division
Value	Label				
11	New England Division				



12	Middle Atlantic Division
13	Mixed Northeast Divisions (1970 Metro)
21	East North Central Div.
22	West North Central Div.
23	Mixed Midwest Divisions (1970 Metro)
31	South Atlantic Division
32	East South Central Div.
33	West South Central Div.
34	Mixed Southern Divisions (1970 Metro)
41	Mountain Division
42	Pacific Division
43	Mixed Western Divisions (1970 Metro)
91	Military/Military reservations
92	PUMA boundaries cross state lines-1% sample
97	State not identified
99	Not identified

**Variable: "STATEFIP"**

Name:	STATEFIP
Label:	State (FIPS code)

Variable Text:	<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" [URL omitted from DDI.] for more information on the geographic detail available in particular samples.</p>
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	57
End Position:	58
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
01	Alabama
02	Alaska
04	Arizona
05	Arkansas
06	California

08	Colorado
09	Connecticut
10	Delaware
11	District of Columbia
12	Florida
13	Georgia
15	Hawaii
16	Idaho
17	Illinois
18	Indiana
19	Iowa
20	Kansas
21	Kentucky
22	Louisiana
23	Maine
24	Maryland
25	Massachusetts
26	Michigan
27	Minnesota
28	Mississippi

29	Missouri
30	Montana
31	Nebraska
32	Nevada
33	New Hampshire
34	New Jersey
35	New Mexico
36	New York
37	North Carolina
38	North Dakota
39	Ohio
40	Oklahoma
41	Oregon
42	Pennsylvania
44	Rhode Island
45	South Carolina
46	South Dakota
47	Tennessee
48	Texas
49	Utah

50	Vermont
51	Virginia
53	Washington
54	West Virginia
55	Wisconsin
56	Wyoming
61	Maine-New Hampshire-Vermont
62	Massachusetts-Rhode Island
63	Minnesota-Iowa-Missouri-Kansas-Nebraska-S.Dakota-N.Dakota
64	Maryland-Delaware
65	Montana-Idaho-Wyoming
66	Utah-Nevada
67	Arizona-New Mexico
68	Alaska-Hawaii
72	Puerto Rico
97	Military/Mil. Reservation
99	State not identified

**Variable: "COUNTYFIP"**

Name:	COUNTYFIP

Label:	County (FIPS code)
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:  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> <p>Listing of counties identified:  Identified Counties, 1950-Forward [URL omitted from DDI.]</p> <p>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:	59
End Position:	61
Width:	3
Variable Format:	numeric

Implied Decimal Places:	0
Coder Instructions:	<p>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 [URL omitted from DDI.]</p>

### 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 [URL omitted from DDI.]. For more details on the mathematics behind this method, see Issues Concerning the Calculation of Standard Errors Using IPUMS Data Products [URL omitted from DDI.].</p>
Concept:	Technical Variables -- HOUSEHOLD

Start Position:	62
End Position:	73
Width:	12
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>STRATA 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 [URL omitted from DDI.]. For more details on the mathematics behind this method, see Issues Concerning the Calculation of Standard Errors Using IPUMS Data Products [URL omitted from DDI.].</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>



	Group quarters are largely institutions and other group living arrangements, such as rooming houses and military barracks. The definitions vary from year to year, but the pre-1940 samples have generally used a definition of group quarters that includes units with 10 or more individuals unrelated to the householder. See the comparability discussion below and "Sample Designs" [URL omitted from DDI.] for more details about changing definitions of group quarters. Group-quarters types are identified in further detail by GQTYPE and GQFUNDS.
Concept:	Group Quarters Variables -- HOUSEHOLD
Start Position:	74
End Position:	74
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: "HHINCOME"**

Name:	HHINCOME
Label:	Total household income
Variable Text:	<p>HHINCOME reports the total money income of all household members age 15+ during the previous year. The amount should equal the sum of all household members' individual incomes, as recorded in the person-record variable INCTOT. The persons included were those present in the household at the time of the census or survey. People who lived in the household during the previous year but who were no longer present at census time are not included, and members who did not live in the household during the previous year but who had joined the household by the time of the census or survey, are included. For the census, the reference period is the previous calendar year; for the ACS and the PRCS, it is the previous 12 months.</p> <p>Note that household income differs from family income, which is reported in FTOTINC. The family income variable only reports the incomes of household members related to the head, while HHINCOME includes the incomes of all household members.</p> <p>Amounts are expressed in contemporary dollars, and users studying change over time must adjust for inflation (See INCTOT for Consumer Price Index adjustment factors). The exception is the ACS/PRCS multi-year files, where all dollar amounts have been standardized to dollars as valued in the final year of data included in the file (e.g., 2007 dollars for the 2005-2007 3-year file). Additionally, more detail may be available than exists in the original ACS samples.</p> <p>User Note: ACS respondents are surveyed throughout the year, and amounts do not reflect calendar year dollars. While the Census Bureau provides an adjustment factor (available in ADJUST), this is an imperfect solution. See the ACS income variables note [URL omitted from DDI.] for further details.</p>
Concept:	Economic Characteristic Variables -- HOUSEHOLD
Start Position:	75
End Position:	81
Width:	7
Variable Format:	numeric
Implied	0

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

By State\*

1990 (PR)

-\$59,999

-

2000 (US)

-\$19,998

-

2000 (PR)

-

-

ACS

-\$19,998

-

PRCS

-

-

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

**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:	82
End Position:	82

Width:	1										
Variable Format:	numeric										
Implied Decimal Places:	0										
<b>Categories</b>											
<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:	83

End Position:	83								
Width:	1								
Variable Format:	numeric								
Implied Decimal Places:	0								
<b>Categories</b>									
<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: "CISMRTPHN"**

Name:	CISMRTPHN
Label:	Smartphone
Variable Text:	<p>CISMRTPHN reports whether the respondent or any member of their household owned or used a smartphone.</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:	84

End Position:	84								
Width:	1								
Variable Format:	numeric								
Implied Decimal Places:	0								
<b>Categories</b>									
<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: "CITABLET"**

Name:	CITABLET
Label:	Tablet or other portable wireless computer
Variable Text:	<p>CITABLET reports whether the respondent or any member of their household owned or used a tablet or other portable wireless computer.</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:	85

End Position:	85								
Width:	1								
Variable Format:	numeric								
Implied Decimal Places:	0								
<b>Categories</b>									
<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: "CIHAND"**

Name:	CIHAND
Label:	Handheld computer
Variable Text:	<p>CIHAND reports whether the respondent or any member of their household owned or used a handheld computer, smart mobile phone, or other handheld wireless computer. This excludes GPS devices with only limited computed capabilities, for example: household appliances.</p> <p>User Note: This variable is not available after 2015. 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:	86
End Position:	86
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

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

### Variable: "CIOTHCOMP"

Name:	CIOTHCOMP
Label:	Other computer equipment
Variable Text:	<p>CIOTHCOMP reports whether the respondent or any member of their household owned or used some other type of 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:	87
End Position:	87
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:	88								
End Position:	88								
Width:	1								
Variable Format:	numeric								
Implied Decimal Places:	0								
<b>Categories</b>									
<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: "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:	89
End Position:	90
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:	91
End Position:	91
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:	92
End Position:	92
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:	93
End Position:	93
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label

0	N/A (GQ)
1	Yes
2	No

**Variable: "RESPMODE"**

Name:	RESPMODE
Label:	Response mode
Variable Text:	<p>RESPMODE indicates whether the survey was completed by mail or CATI/CAPI. Computer Assisted Telephone Interviewing (CATI) is a surveying technique which allows interviewers to conduct interviews over the phone with the assistance of their computer. Computer Assisted Personal Interviewing (CAPI) is a surveying technique in which respondents are interviewed in person using a computer-based questionnaire.</p> <p>Interviews of group quarters respondents were carried out in a different manner. More details on the group quarters interview procedure can be found here [URL omitted from DDI.] on page 29.</p>
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	94
End Position:	94
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	



Value	Label
0	N/A
1	Mail
2	CATI/CAPI
3	Internet

**Variable: "PERNUM"**

Name:	PERNUM
Label:	Person number in sample unit
Variable Text:	PERNUM numbers all persons within each household consecutively in the order in which they appear on the original census or survey form. When combined with SAMPLE and SERIAL, PERNUM uniquely identifies each person within the IPUMS.
Concept:	Technical Variables -- PERSON
Start Position:	95
End Position:	98
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0
Coder	

## Instructions:

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

**Variable: "PERWT"**

Name:	PERWT
Label:	Person weight
Variable Text:	<p>PERWT indicates how many persons in the U.S. population are represented by a given person in an IPUMS sample.</p> <p>It is generally a good idea to use PERWT when conducting a person-level analysis of any IPUMS sample. The use of PERWT is optional when analyzing one of the "flat" or unweighted IPUMS samples. Flat IPUMS samples include the 1% samples from 1850-1930, all samples from 1960, 1970, and 1980, the 1% unweighted samples from 1990 and 2000, the 10% 2010 sample, and any of the full count 100% census datasets. PERWT must be used to obtain nationally representative statistics for person-level analyses of any sample other than those.</p> <p>For further explanation of the sample weights, see "Sample Designs" [URL omitted from DDI.] and "Sample Weights" [URL omitted from DDI.]. See also HHWT for a corresponding variable at the household level, and SLWT for a weight variable used with sample-line records in 1940 and 1950.</p>
Concept:	Technical Variables -- PERSON
Start Position:	99
End Position:	108
Width:	10
Variable Format:	numeric
Implied Decimal Places:	2
Coder	

Instructions:	<p>PERWT is a 6-digit numeric variable which indicates how many persons in the U.S. population are represented by a given person in an IPUMS sample and has two implied decimals. For example, a PERWT value of 010461 should be interpreted as 104.61. PERWT specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below if applicable by Census year (and data sample if specified).</p> <p>PERWT Specific Variable Codes</p>
---------------	--

## Variable: "FAMSIZE"

Name:	FAMSIZE
Label:	Number of own family members in household
Variable Text:	FAMSIZE counts the number of own family members residing with each individual, including the person her/himself. Persons not living with others related to them by blood, marriage/cohabitating partnership, or adoption are coded 1.
Concept:	Family Interrelationship Variables -- PERSON
Start Position:	109
End Position:	110
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
29	29

28	28
27	27
26	26
25	25
24	24
21	21
23	23
22	22
20	20
18	18
19	19
17	17
16	16
15	15
12	12
14	14
13	13
11	11
09	9
10	10

08	8
07	7
06	6
05	5
04	4
03	3
02	2 family members present
01	1 family member present

### Variable: "SEX"

Name:	SEX
Label:	Sex
Variable Text:	SEX reports whether the person was male or female.
Concept:	Demographic Variables -- PERSON
Start Position:	111
End Position:	111
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories							
	<table><tr><th>Value</th><th>Label</th></tr><tr><td>1</td><td>Male</td></tr><tr><td>2</td><td>Female</td></tr></table>	Value	Label	1	Male	2	Female
Value	Label						
1	Male						
2	Female						

Variable: "AGE"

Name:	AGE
Label:	Age
Variable Text:	AGE reports the person's age in years as of the last birthday.  Please see the Comparability section regarding a known Universe issue with AGE and AGEORIG which effects EMPSTAT and LABFORCE for the 2004 ACS Sample.
Concept:	Demographic Variables -- PERSON
Start Position:	112
End Position:	114
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0

Categories			
	<table><tr><th>Value</th><th>Label</th></tr></table>	Value	Label
Value	Label		

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

109	109
108	108
107	107
106	106
104	104
105	105
102	102
103	103
101	101
099	99
100	100 (100+ in 1960-1970)
097	97
098	98
095	95
096	96
093	93
094	94
091	91
092	92
090	90 (90+ in 1980 and 1990)



089	89
087	87
088	88
086	86
084	84
085	85
082	82
083	83
080	80
081	81
078	78
079	79
077	77
075	75
076	76
074	74
073	73
072	72
071	71
070	70

068	68
069	69
067	67
065	65
066	66
064	64
062	62
063	63
061	61
060	60
059	59
058	58
057	57
056	56
055	55
053	53
054	54
051	51
052	52
050	50

048	48
049	49
046	46
047	47
045	45
044	44
042	42
043	43
040	40
041	41
038	38
039	39
037	37
035	35
036	36
033	33
034	34
032	32
031	31
029	29

030	30
028	28
027	27
026	26
024	24
025	25
022	22
023	23
021	21
020	20
019	19
017	17
018	18
015	15
016	16
014	14
013	13
012	12
011	11
010	10

009	9
008	8
006	6
007	7
004	4
005	5
003	3
002	2
001	1
000	Less than 1 year old

**Variable: "MARST"**

Name:	MARST
Label:	Marital status
Variable Text:	MARST gives each person's current marital status.
Concept:	Demographic Variables -- PERSON
Start Position:	115
End Position:	115
Width:	1

Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table> <tr> <th>Value</th><th>Label</th></tr> <tr> <td>1</td><td>Married, spouse present</td></tr> <tr> <td>2</td><td>Married, spouse absent</td></tr> <tr> <td>3</td><td>Separated</td></tr> <tr> <td>4</td><td>Divorced</td></tr> <tr> <td>5</td><td>Widowed</td></tr> <tr> <td>6</td><td>Never married/single</td></tr> </table>		Value	Label	1	Married, spouse present	2	Married, spouse absent	3	Separated	4	Divorced	5	Widowed	6	Never married/single
Value	Label														
1	Married, spouse present														
2	Married, spouse absent														
3	Separated														
4	Divorced														
5	Widowed														
6	Never married/single														

## Variable: "RACE"

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

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

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

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

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

Start  
Position: 116

End  
Position: 116

Width: 1

Variable  
Format: numeric

Implied  
Decimal  
Places: 0

### Categories

Value	Label
1	White
2	Black/African American/Negro
3	American Indian or Alaska Native

4	Chinese
5	Japanese
6	Other Asian or Pacific Islander
7	Other race, nec
8	Two major races
9	Three or more major races

## Variable: "RACED"

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



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

Concept:	Race, Ethnicity, and Nativity Variables -- PERSON
Start Position:	117
End Position:	119
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

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

210	Mulatto
300	American Indian/Alaska Native
302	Apache
303	Blackfoot
304	Cherokee
305	Cheyenne
306	Chickasaw
307	Chippewa
308	Choctaw
309	Comanche
310	Creek
311	Crow
312	Iroquois
313	Kiowa
314	Lumbee
315	Navajo
316	Osage
317	Paiute
318	Pima
319	Potawatomi

320	Pueblo
321	Seminole
322	Shoshone
323	Sioux
324	Tlingit (Tlingit_Haida, 2000/ACS)
325	Tohono O Odham
326	All other tribes (1990)
328	Hopi
329	Central American Indian
330	Spanish American Indian
350	Delaware
351	Latin American Indian
352	Puget Sound Salish
353	Yakama
354	Yaqui
355	Colville
356	Houma
357	Menominee
358	Yuman
359	South American Indian

360	Mexican American Indian
361	Other Amer. Indian tribe (2000,ACS)
362	2+ Amer. Indian tribes (2000,ACS)
370	Alaskan Athabaskan
371	Aleut
372	Eskimo
373	Alaskan mixed
374	Inupiat
375	Yup'ik
379	Other Alaska Native tribe(s) (2000,ACS)
398	Both Am. Ind. and Alaska Native (2000,ACS)
399	Tribe not specified
400	Chinese
410	Taiwanese
420	Chinese and Taiwanese
500	Japanese
600	Filipino
610	Asian Indian (Hindu 1920_1940)
620	Korean
630	Hawaiian

631	Hawaiian and Asian (1900,1920)
632	Hawaiian and European (1900,1920)
634	Hawaiian mixed
640	Vietnamese
641	Bhutanese
642	Mongolian
643	Nepalese
650	Other Asian or Pacific Islander (1920,1980)
651	Asian only (CPS)
652	Pacific Islander only (CPS)
653	Asian or Pacific Islander, n.s. (1990 Internal Census files)
660	Cambodian
661	Hmong
662	Laotian
663	Thai
664	Bangladeshi
665	Burmese
666	Indonesian
667	Malaysian
668	Okinawan

669	Pakistani
670	Sri Lankan
671	Other Asian, n.e.c.
672	Asian, not specified
673	Chinese and Japanese
674	Chinese and Filipino
675	Chinese and Vietnamese
676	Chinese and Asian write_in
677	Japanese and Filipino
678	Asian Indian and Asian write_in
679	Other Asian race combinations
680	Samoan
681	Tahitian
682	Tongan
683	Other Polynesian (1990)
684	1+ other Polynesian races (2000,ACS)
685	Guamanian/Chamorro
686	Northern Mariana Islander
687	Palauan
688	Other Micronesian (1990)

689	1+ other Micronesian races (2000,ACS)
690	Fijian
691	Other Melanesian (1990)
692	1+ other Melanesian races (2000,ACS)
698	2+ PI races from 2+ PI regions
699	Pacific Islander, n.s.
700	Other race, n.e.c.
801	White and Black
802	White and AIAN
810	White and Asian
811	White and Chinese
812	White and Japanese
813	White and Filipino
814	White and Asian Indian
815	White and Korean
816	White and Vietnamese
817	White and Asian write_in
818	White and other Asian race(s)
819	White and two or more Asian groups
820	White and PI

821	White and Native Hawaiian
822	White and Samoan
823	White and Guamanian
824	White and PI write_in
825	White and other PI race(s)
826	White and other race write_in
827	White and other race, n.e.c.
830	Black and AIAN
831	Black and Asian
832	Black and Chinese
833	Black and Japanese
834	Black and Filipino
835	Black and Asian Indian
836	Black and Korean
837	Black and Asian write_in
838	Black and other Asian race(s)
840	Black and PI
841	Black and PI write_in
842	Black and other PI race(s)
845	Black and other race write_in



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

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

913	White, Japanese, Hawaiian (2000 1%)
914	White, Filipino, Hawaiian
915	Other White, Asian race(s), PI race(s)
916	White, AIAN and Filipino
917	White, Black, and Filipino
920	White, Asian, other race write_in
921	White, Filipino, other race write_in (2000 1%)
922	White, Asian write_in, other race write_in (2000 1%)
923	Other White, Asian race(s), other race write_in (2000 1%)
925	White, PI, other race write_in
930	Black, AIAN, Asian
931	Black, AIAN, PI
932	Black, AIAN, other race write_in
933	Black, Asian, PI
934	Black, Asian, other race write_in
935	Black, PI, other race write_in
940	AIAN, Asian, PI
941	AIAN, Asian, other race write_in
942	AIAN, PI, other race write_in
943	Asian, PI, other race write_in

944	Asian (Chinese, Japanese, Korean, Vietnamese); and Native Hawaiian or PI; and Other
949	2 or 3 races (CPS)
950	White, Black, AIAN, Asian
951	White, Black, AIAN, PI
952	White, Black, AIAN, other race write_in
953	White, Black, Asian, PI
954	White, Black, Asian, other race write_in
955	White, Black, PI, other race write_in
960	White, AIAN, Asian, PI
961	White, AIAN, Asian, other race write_in
962	White, AIAN, PI, other race write_in
963	White, Asian, PI, other race write_in
964	White, Chinese, Japanese, Native Hawaiian
970	Black, AIAN, Asian, PI
971	Black, AIAN, Asian, other race write_in
972	Black, AIAN, PI, other race write_in
973	Black, Asian, PI, other race write_in
974	AIAN, Asian, PI, other race write_in
975	AIAN, Asian, PI, Hawaiian other race write_in
976	Two specified Asian (Chinese and other Asian, Chinese and Japanese, Japanese and other Asian, Korean and other Asian); Native Hawaiian/PI; and Other Race

980	White, Black, AIAN, Asian, PI
981	White, Black, AIAN, Asian, other race write_in
982	White, Black, AIAN, PI, other race write_in
983	White, Black, Asian, PI, other race write_in
984	White, AIAN, Asian, PI, other race write_in
985	Black, AIAN, Asian, PI, other race write_in
986	Black, AIAN, Asian, PI, Hawaiian, other race write_in
989	4 or 5 races (CPS)
990	White, Black, AIAN, Asian, PI, other race write_in
991	White race; Some other race; Black or African American race and/or American Indian and Alaska Native race and/or Asian groups and/or Native Hawaiian and Other Pacific Islander groups
996	2+ races, n.e.c. (CPS)

### Variable: "HISPAN"

Name:	HISPAN
Label:	Hispanic origin [general version]
Variable Text:	<p>HISPAN identifies persons of Hispanic/Spanish/Latino origin and classifies them according to their country of origin when possible. Origin is defined by the Census Bureau as ancestry, lineage, heritage, nationality group, or country of birth. People of Hispanic origin may be of any race; see RACE for a discussion of coding issues involved. Users should note that race questions were not asked in the Puerto Rican censuses of 1970, 1980 and 1990. They were asked in the 1910 and 1920 Puerto Rican censuses, and in the 2000 and 2010 Puerto Rican census and the PRCS. However, questions assessing Spanish/Hispanic origin were not asked in the Puerto Rican censuses prior to 2000.</p> <p>The HISPAN general code covers country-of-origin classifications common to all years; the detailed code distinguishes additional groups and subgroups. See HISPRULE for details on how country of origin information was assigned prior to 1980.</p>

Concept:	Race, Ethnicity, and Nativity Variables -- PERSON
Start Position:	120
End Position:	120
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

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

Variable: "HISPAND"

Name:	HISPAND
-------	---------

Label:	Hispanic origin [detailed version]
Variable Text:	<p>HISPAN identifies persons of Hispanic/Spanish/Latino origin and classifies them according to their country of origin when possible. Origin is defined by the Census Bureau as ancestry, lineage, heritage, nationality group, or country of birth. People of Hispanic origin may be of any race; see RACE for a discussion of coding issues involved. Users should note that race questions were not asked in the Puerto Rican censuses of 1970, 1980 and 1990. They were asked in the 1910 and 1920 Puerto Rican censuses, and in the 2000 and 2010 Puerto Rican census and the PRCS. However, questions assessing Spanish/Hispanic origin were not asked in the Puerto Rican censuses prior to 2000.</p> <p>The HISPAN general code covers country-of-origin classifications common to all years; the detailed code distinguishes additional groups and subgroups. See HISPRULE for details on how country of origin information was assigned prior to 1980.</p>
Concept:	Race, Ethnicity, and Nativity Variables -- PERSON
Start Position:	121
End Position:	123
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
000	Not Hispanic
100	Mexican
102	Mexican American
103	Mexicano/Mexicana

104	Chicano/Chicana
105	La Raza
106	Mexican American Indian
107	Mexico
200	Puerto Rican
300	Cuban
401	Central American Indian
402	Canal Zone
411	Costa Rican
412	Guatemalan
413	Honduran
414	Nicaraguan
415	Panamanian
416	Salvadoran
417	Central American, n.e.c.
420	Argentinean
421	Bolivian
422	Chilean
423	Colombian
424	Ecuadorian



425	Paraguayan
426	Peruvian
427	Uruguayan
428	Venezuelan
429	South American Indian
430	Criollo
431	South American, n.e.c.
450	Spaniard
451	Andalusian
452	Asturian
453	Castilian
454	Catalonian
455	Balearic Islander
456	Gallego
457	Valencian
458	Canarian
459	Spanish Basque
460	Dominican
465	Latin American
470	Hispanic

480	Spanish
490	Californio
491	Tejano
492	Nuevo Mexicano
493	Spanish American
494	Spanish American Indian
495	Meso American Indian
496	Mestizo
498	Other, n.s.
499	Other, n.e.c.
900	Not Reported

### Variable: "CITIZEN"

Name:	CITIZEN
Label:	Citizenship status
Variable Text:	CITIZEN reports the citizenship status of respondents, distinguishing between naturalized citizens and non-citizens. For 1900-1940, respondents who were not yet citizens but who had begun the naturalization process ("received first papers") are identified.
Concept:	Race, Ethnicity, and Nativity Variables -- PERSON
Start Position:	124
End	124

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

### Categories

Value	Label
0	N/A
1	Born abroad of American parents
2	Naturalized citizen
3	Not a citizen
4	Not a citizen, but has received first papers
5	Foreign born, citizenship status not reported

### Variable: "LANGUAGE"

Name:	LANGUAGE
Label:	Language spoken [general version]
Variable Text:	LANGUAGE reports the language that the respondent spoke at home, particularly (for the 1910 Puerto Rican sample and the samples from 1980 onward) if a language other than English was spoken.
Concept:	Race, Ethnicity, and Nativity Variables -- PERSON

Start Position:	125
End Position:	126
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
00	N/A or blank
01	English
02	German
03	Yiddish, Jewish
04	Dutch
05	Swedish
06	Danish
07	Norwegian
08	Icelandic
10	Italian

11	French
12	Spanish
13	Portuguese
14	Rumanian
15	Celtic
16	Greek
17	Albanian
18	Russian
19	Ukrainian, Ruthenian, Little Russian
20	Czech
21	Polish
22	Slovak
23	Serbo-Croatian, Yugoslavian, Slavonian
24	Slovene
25	Lithuanian
26	Other Balto-Slavic
27	Slavic unknown
28	Armenian
29	Persian, Iranian, Farsi
31	Hindi and related

32	Romany, Gypsy
33	Finnish
34	Magyar, Hungarian
35	Uralic
36	Turkish
37	Other Altaic
38	Caucasian, Georgian, Avar
39	Basque
40	Dravidian
41	Kurukh
42	Burushaski
43	Chinese
44	Tibetan
45	Burmese, Lisu, Lolo
46	Kachin
47	Thai, Siamese, Lao
48	Japanese
49	Korean
50	Vietnamese
52	Indonesian

54	Filipino, Tagalog
56	Hawaiian
57	Arabic
58	Near East Arabic dialect
59	Hebrew, Israeli
60	Amharic, Ethiopian, etc.
63	Sub-Saharan Africa
64	African, n.s.
70	American Indian (all)
71	Aleut, Eskimo
72	Algonquian
73	Salish, Flathead
74	Athapaskan
75	Navajo
77	Other Penutian
78	Zuni
79	Yuman
80	Other Hokan languages
83	Keres
84	Iroquoian

85	Caddoan
87	Pima, Papago
88	Yaqui and other Sonoran, nec
91	Other Indian languages
92	Mayan languages
93	American Indian, n.s.
94	Native
95	No language
96	Other or not reported
90	Tanoan languages
89	Aztecan, Nahuatl, Uto-Aztecan
86	Shoshonean/Hopi
82	Muskogean
81	Siouan languages
76	Penutian-Sahaptin
61	Hamitic
55	Micronesian, Polynesian
53	Other Malayan
51	Other East/Southeast Asian
30	Other Persian dialects



09	Scandinavian
62	Other Afro-Asiatic languages

## Variable: "LANGUAGED"

Name:	LANGUAGED
Label:	Language spoken [detailed version]
Variable Text:	LANGUAGE reports the language that the respondent spoke at home, particularly (for the 1910 Puerto Rican sample and the samples from 1980 onward) if a language other than English was spoken.
Concept:	Race, Ethnicity, and Nativity Variables -- PERSON
Start Position:	127
End Position:	130
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
9999	
0000	N/A or blank

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

0460	Belgian
0470	Flemish
0500	Swedish
0600	Danish
0700	Norwegian
0800	Icelandic
0810	Faroese
1000	Italian
1010	Rhaeto-Romanic, Ladin
1030	Romansh
1100	French
1110	French, Walloon
1120	Provençal
1130	Patois
1140	French or Haitian Creole
1150	Cajun
1200	Spanish
1210	Catalonian, Valencian
1220	Ladino, Sefaradit, Spanol
1230	Pachuco

1250	Mexican
1300	Portuguese
1310	Papia Mentae
1400	Rumanian
1500	Celtic
1520	Welsh
1530	Breton
1540	Irish Gaelic, Gaelic
1550	Gaelic
1560	Irish
1570	Scottish Gaelic
1580	Scotch
1590	Manx, Manx Gaelic
1600	Greek
1700	Albanian
1800	Russian
1810	Russian, Great Russian
1820	Bielo-, White Russian
1900	Ukrainian, Ruthenian, Little Russian
1910	Ruthenian

1920	Little Russian
1930	Ukrainian
2000	Czech
2010	Bohemian
2020	Moravian
2100	Polish
2110	Kashubian, Slovincian
2200	Slovak
2300	Serbo-Croatian, Yugoslavian, Slavonian
2310	Croatian
2320	Serbian
2331	Dalmatian
2332	Montenegrin
2400	Slovene
2500	Lithuanian
2510	Lettish, Latvian
2600	Other Balto-Slavic
2610	Bulgarian
2620	Lusatian, Sorbian, Wendish
2621	Wendish

2630	Macedonian
2700	Slavic unknown
2800	Armenian
2900	Persian, Iranian, Farsi
2910	Persian
3010	Pashto, Afghan
3020	Kurdish
3030	Balochi
3040	Tadzhik
3050	Ossete
3100	Hindi and related
3101	Hindi, Hindustani, Indic, Jaipuri, Pali, Urdu
3102	Hindi
3103	Urdu
3111	Sanskrit
3112	Bengali
3113	Panjabi
3114	Marathi
3115	Gujarathi
3116	Bihari

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

3530	Other Uralic
3600	Turkish
3700	Other Altaic
3701	Chuvash
3702	Karakalpak
3703	Kazakh
3704	Kirghiz
3705	Karachay, Tatar, Balkar, Bashkir, Kumyk
3706	Uzbek, Uighur
3707	Azerbaijani
3708	Turkmen
3709	Yakut
3710	Mongolian
3711	Tungus
3800	Caucasian, Georgian, Avar
3810	Georgian
3900	Basque
4000	Dravidian
4001	Brahui
4002	Gondi



4003	Telugu
4004	Malayalam
4005	Tamil
4010	Bhili
4011	Nepali
4100	Kurukh
4110	Munda
4200	Burushaski
4300	Chinese
4301	Chinese, Cantonese, Min, Yueh
4302	Cantonese
4303	Mandarin
4311	Hakka, Fukien, Kechia
4312	Kan, Nan Chang
4313	Hsiang, Chansa, Hunan, Iyan
4314	Fuchow, Min Pei
4315	Wu
4400	Tibetan
4410	Miao-Yao, Mien
4420	Miao, Hmong

4500	Burmese, Lisu, Lolo
4510	Karen
4600	Kachin
4700	Thai, Siamese, Lao
4710	Thai
4720	Laotian
4800	Japanese
4900	Korean
5000	Vietnamese
5110	Ainu
5120	Mon-Khmer, Cambodian
5130	Siberian, n.e.c.
5140	Yukagir
5150	Muong
5200	Indonesian
5210	Buginese
5220	Moluccan
5230	Achinese
5240	Balinese
5250	Cham

5260	Madurese
5270	Malay
5280	Minangkabau
5290	Other Asian languages
5310	Formosan, Taiwanese
5320	Javanese
5330	Malagasy
5340	Sundanese
5400	Filipino, Tagalog
5410	Bisayan
5420	Sebuano
5430	Pangasinan
5440	Llocano, Hocano
5450	Bikol
5460	Pampangan
5470	Gorontalo
5480	Palau
5501	Micronesian
5502	Carolinian
5503	Chamorro, Guamanian

5504	Gilbertese
5505	Kusaiean
5506	Marshallese
5507	Mokilese
5508	Mortlockese
5509	Nauruan
5510	Ponapean
5511	Trukese
5512	Ulithean, Fais
5513	Woleai-Ulithi
5514	Yapese
5520	Melanesian
5521	Polynesian
5522	Samoaan
5523	Tongan
5524	Niuean
5525	Tokelauan
5526	Fijian
5527	Marquesan
5528	Rarotongan

5529	Maori
5530	Nukuoro, Kapingarangan
5590	Other Pacific Island languages
5600	Hawaiian
5700	Arabic
5720	Egyptian
5750	Maltese
5800	Near East Arabic dialect
5810	Syriac, Aramaic, Chaldean
5820	Syrian
5900	Hebrew, Israeli
6000	Amharic, Ethiopian, etc.
6110	Berber
6120	Chadic, Hamitic, Hausa
6130	Cushite, Beja, Somali
6300	Nilotic
6301	Nilo-Hamitic
6302	Nubian
6303	Saharan
6304	Nilo-Saharan, Fur, Songhai

6305	Khoisan
6306	Sudanic
6307	Bantu (many subheads)
6308	Swahili
6309	Mande
6310	Fulani
6311	Gur
6312	Kru
6313	Efik, Ibibio, Tiv
6314	Mbum, Gbaya, Sango, Zande
6390	Other specified African languages
6400	African, n.s.
7000	American Indian (all)
7100	Aleut, Eskimo
7110	Aleut
7120	Pacific Gulf Yupik
7130	Eskimo
7140	Inupik, Inuit
7150	St. Lawrence Isl. Yupik
7160	Yupik

7200	Algonquian
7201	Arapaho
7202	Atsina, Gros Ventre
7203	Blackfoot
7204	Cheyenne
7205	Cree
7206	Delaware, Lenni-Lenape
7207	Fox, Sac
7208	Kickapoo
7209	Menomini
7210	Metis, French Cree
7211	Miami
7212	Micmac
7213	Ojibwa, Chippewa
7214	Ottawa
7215	Passamaquoddy, Malecite
7216	Penobscot
7217	Abnaki
7218	Potawatomi
7219	Shawnee

7300	Salish, Flathead
7301	Lower Chehalis
7302	Upper Chehalis, Chelalis, Satsop
7303	Clallam
7304	Coeur d'Alene, Skitsamish
7305	Columbia, Chelan, Wenatchee
7306	Cowlitz
7307	Nootsack
7308	Okanogan
7309	Puget Sound Salish
7310	Quinault, Queets
7311	Tillamook
7312	Twana
7313	Kalispel
7314	Spokane
7400	Athapaskan
7401	Ahtena
7402	Han
7403	Ingalit
7404	Koyukon



7405	Kuchin
7406	Upper Kuskokwim
7407	Tanaina
7408	Tanana, Minto
7409	Tanacross
7410	Upper Tanana, Nabesena, Tetlin
7411	Tutchone
7412	Chasta Costa, Chetco, Coquille, Smith River Athapaskan
7413	Hupa
7420	Apache
7421	Jicarilla, Lipan
7422	Chiricahua, Mescalero
7423	San Carlos, Cibecue, White Mountain
7424	Kiowa-Apache
7430	Kiowa
7440	Eyak
7450	Other Athapaskan-Eyak, Cahto, Mattole, Wailaki
7490	Other Algonquin languages
7500	Navajo
7610	Klamath, Modoc

7620	Nez Perce
7630	Sahaptian, Celilo, Klikitat, Palouse, Tenino, Umatilla, Warm
7700	Mountain Maidu, Maidu
7701	Northwest Maidu, Concow
7702	Southern Maidu, Nisenan
7703	Coast Miwok, Bodega, Marin
7704	Plains Miwok
7705	Sierra Miwok, Miwok
7706	Nomlaki, Tehama
7707	Patwin, Colouse, Suisun
7708	Wintun
7709	Foothill North Yokuts
7710	Tachi
7711	Santiam, Calapooya, Wapatu
7712	Siuslaw, Coos, Lower Umpqua
7713	Tsimshian
7714	Upper Chinook, Clackamas, Multnomah, Wasco, Wishram
7715	Chinook Jargon
7800	Zuni
7900	Yuman

7910	Upriver Yuman
7920	Cocomaricopa
7930	Mohave
7940	Diegueno
7950	Delta River Yuman
7960	Upland Yuman
7970	Havasupai
7980	Walapai
7990	Yavapai
8000	Achumawi
8010	Atsugewi
8020	Karok
8030	Pomo
8040	Shastan
8050	Washo
8060	Chumash
8101	Crow, Absaroke
8102	Hidatsa
8103	Mandan
8104	Dakota, Lakota, Nakota, Sioux

8105	Chiwere
8106	Winnebago
8107	Kansa, Kaw
8108	Omaha
8109	Osage
8110	Ponca
8111	Quapaw, Arkansas
8210	Alabama
8220	Choctaw, Chickasaw
8230	Mikasuki
8240	Hichita, Apalachicola
8250	Koasati
8260	Muskogee, Creek, Seminole
8300	Keres
8400	Iroquoian
8410	Mohawk
8420	Oneida
8430	Onondaga
8440	Cayuga
8450	Seneca

8460	Tuscarora
8470	Wyandot, Huron
8480	Cherokee
8500	Caddoan
8510	Arikara
8520	Pawnee
8530	Wichita
8601	Comanche
8602	Mono, Owens Valley Paiute
8603	Paiute
8604	Northern Paiute, Bannock, Num, Snake
8605	Southern Paiute
8606	Chemehuevi
8607	Kawaiisu
8608	Ute
8609	Shoshoni
8610	Panamint
8620	Hopi
8630	Cahuilla
8631	Cupeno

8632	Luiseno
8633	Serrano
8640	Tubatulabal
8700	Pima, Papago
8800	Yaqui
8810	Sonoran n.e.c., Cahita, Guasave, Huichole, Nayit, Tarahumar
8910	Aztecan, Mexicano, Nahua
9010	Picuris, Northern Tiwa, Taos
9020	Tiwa, Isleta
9030	Sandia
9040	Tewa, Hano, Hopi-Tewa, San Ildefonso, San Juan, Santa Clara
9050	Towa
9100	Wiyot
9101	Yurok
9110	Kwakiutl
9111	Nootka
9112	Makah
9120	Kutenai
9130	Haida
9131	Tlingit, Chilkat, Sitka, Tongass, Yakutat

9140	Tonkawa
9150	Yuchi
9160	Chetemacha
9170	Yuki
9171	Wappo
9200	Mayan languages
9210	Misumalpan
9220	Tarascan
9230	Mapuche
9240	Oto-Manguen
9250	Quechua
9260	Aymara
9270	Arawakian
9280	Chibchan
9290	Tupi-Guarani
9300	American Indian, n.s.
9400	Native
9410	Other specified American Indian languages
9420	South/Central American Indian
9500	No language

9600	Other or not reported
9601	Other n.e.c.
9602	Other n.s.
9292	Guarani
9291	Tupi
9282	Guaymi
9281	Cuna
9271	Island Caribs
9242	Zapotec
9241	Mixtec
9231	Araucanian
9215	Quiche
9214	Quekchi
9213	Maya
9212	Mam
9211	Cakchiquel
9000	Tanoan languages
8900	Aztecan, Nahuatl, Uto-Aztecan
8820	Tarahumara
8600	Shoshonean/Hopi



8200	Muskogean
8120	Iowa
8100	Siouan languages
7600	Penutian-Sahaptin
6322	Congo, Kongo, Luba, Ruanda, Rundi, Santali, Swahili
6321	Niger-Congo regions (many subheads)
6320	Eastern Sudanic and Khoisan
6100	Hamitic
5740	Libyan
5730	Iraqi
5710	Algerian, Moroccan, Tunisian
5500	Micronesian, Polynesian
5300	Other Malayan
5100	Other East/Southeast Asian
4310	Other Chinese
3521	Lappish
3511	Estonian
3110	Other Indo-Aryan
3000	Other Persian dialects
2330	Dalmatian, Montenegrin

1811	Great Russian
1510	Welsh, Breton, Cornish
1020	Friulian
0900	Scandinavian
0450	Belgian, Flemish
0170	Other English-based Creole languages
1320	Cape Verdean Creole
2321	Bosnian
2920	Dari
3104	Other Indo-Iranian languages
4430	Iu Mien
4520	Chin languages
6200	Other Afro-Asiatic languages

### Variable: "SPEAKENG"

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

Start Position:	131
End Position:	131
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0	N/A (Blank)
1	Does not speak English
2	Yes, speaks English...
3	Yes, speaks only English
4	Yes, speaks very well
5	Yes, speaks well
6	Yes, but not well
7	Unknown
8	Illegible

**Variable: "EDUC"**

Name:	EDUC
Label:	Educational attainment [general version]
Variable Text:	EDUC indicates respondents' educational attainment, as measured by the highest year of school or degree completed. Note that completion differs from the highest year of school attendance; for example, respondents who attended 10th grade but did not finish were classified in EDUC as having completed 9th grade. For additional detail on grade attendance, see GRADEATT as well as the detailed version of HIGRADE.
Concept:	Education Variables -- PERSON
Start Position:	132
End Position:	133
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
01	Nursery school to grade 4
02	Grade 5, 6, 7, or 8
03	Grade 9

04	Grade 10
05	Grade 11
06	Grade 12
07	1 year of college
08	2 years of college
09	3 years of college
10	4 years of college
11	5+ years of college
00	N/A or no schooling

**Variable: "EDUCD"**

Name:	EDUCD
Label:	Educational attainment [detailed version]
Variable Text:	EDUC indicates respondents' educational attainment, as measured by the highest year of school or degree completed. Note that completion differs from the highest year of school attendance; for example, respondents who attended 10th grade but did not finish were classified in EDUC as having completed 9th grade. For additional detail on grade attendance, see GRADEATT as well as the detailed version of HIGRADE.
Concept:	Education Variables -- PERSON
Start Position:	134
End Position:	136
Width:	3

Variable Format:	numeric
Implied Decimal Places:	0
Categories	

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

025	Grade 7
026	Grade 8
030	Grade 9
040	Grade 10
050	Grade 11
060	Grade 12
061	12th grade, no diploma
062	High school graduate or GED
063	Regular high school diploma
064	GED or alternative credential
065	Some college, but less than 1 year
070	1 year of college
071	1 or more years of college credit, no degree
080	2 years of college
081	Associate's degree, type not specified
082	Associate's degree, occupational program
083	Associate's degree, academic program
090	3 years of college
100	4 years of college
101	Bachelor's degree

110	5+ years of college
111	6 years of college (6+ in 1960-1970)
112	7 years of college
113	8+ years of college
114	Master's degree
115	Professional degree beyond a bachelor's degree
116	Doctoral degree
001	N/A
002	No schooling completed
000	N/A or no schooling

### Variable: "OCC2010"

Name:	OCC2010
Label:	Occupation, 2010 basis
Variable Text:	<p>OCC2010 is a harmonized occupation coding scheme based on the Census Bureau's 2010 ACS occupation classification scheme. Similar variables are offered for the 1950 (OCC1950) and 1990 (OCC1990) classifications. OCC2010 offers researchers a consistent, long-term classification of occupations.</p> <p>The Census Bureau has reorganized its occupational classification system in almost every census administered since 1850. All original occupational information is stored in the OCC variable. The meaning of codes in the OCC variable changes with each census year. The 2010 occupation coding scheme [URL omitted from DDI.] for OCC has 493 categories. In the interest of harmonization, however, the scheme has been modified to achieve the most consistent categories across time. That is, some categories that provide more detail in the 2010 scheme were grouped together because earlier categories are inseparable when more than one occupation is coded together. For users who wish to further aggregate occupation to broader categories, the 2010 scheme is generally organized by the following groups:</p> <p>Management, Business, Science, and Arts = 10-430 Business Operations Specialists = 500-730</p>



Financial Specialists = 800-950  
 Computer and Mathematical = 1000-1240  
 Architecture and Engineering = 1300-1540  
 Technicians = 1550-1560  
 Life, Physical, and Social Science = 1600-1980  
 Community and Social Services = 2000-2060  
 Legal = 2100-2150  
 Education, Training, and Library = 2200-2550  
 Arts, Design, Entertainment, Sports, and Media = 2600-2920  
 Healthcare Practitioners and Technicians = 3000-3540  
 Healthcare Support = 3600-3650  
 Protective Service = 3700-3950  
 Food Preparation and Serving = 4000-4150  
 Building and Grounds Cleaning and Maintenance = 4200-4250  
 Personal Care and Service = 4300-4650  
 Sales and Related = 4700-4965  
 Office and Administrative Support = 5000-5940  
 Farming, Fishing, and Forestry = 6005-6130  
 Construction = 6200-6765  
 Extraction = 6800-6940  
 Installation, Maintenance, and Repair = 7000-7630  
 Production = 7700-8965  
 Transportation and Material Moving = 9000-9750  
 Military Specific = 9800-9830  
 Unemployed (no occupation for 5+ years) or Never Worked = 9920

We followed a process of constructing and testing OCC2010 that is similar to OCC1990's process, which is discussed in more detail in this BLS working paper [URL omitted from DDI.].

OCC1990 was created using a series of technical papers published by the Census Bureau shortly after each census was administered. These papers provide detailed analyses of how the occupational coding scheme for each census year differed from the scheme used during the previous census year. These occupational "crosswalks" are based on samples of cases that are "double coded" into the occupational schemes of the current and previous census year. The original Census Bureau crosswalks are available via links in "Occupation and Industry Variables" [URL omitted from DDI.] of the IPUMS documentation.

Using the information from the occupational crosswalks, we traced the proportion of each occupation as it broke out into more specific occupations or as it was combined with others into a more general occupation. To take one example from the technical paper produced after the 2000 census: of persons coded as "Gaming managers" in 2000 (2000 code 33), the Census Bureau determined that 35% would have been coded as "Managers, service organizations" in 1990 (1990 code 21), while 65% would have been coded as "Managers, food serving and lodging establishments" (1990 code 17). Thus, OCC1990 assigns a code of 17 to the cases in the 2000 IPUMS sample having an original 2000 OCC value of 33. We generated the same information for every occupational code in every census year from 1950-2000.

Researchers at the Bureau of Labor Statistics (BLS) then used the resulting tables to create aggregated occupational categories that were more useful for long-term analyses. We have performed a variety of tests to ensure that the new categories are as robust as possible over the long-term. More specifics on their methods and a detailed comparison of OCC1950 and OCC1990 can be found in the BLS Working Paper [URL omitted from DDI.] on the topic.

Concept:	Work Variables -- PERSON
Start Position:	137
End Position:	140
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
0010	Chief executives and legislators/public administration
0020	General and Operations Managers
0030	Managers in Marketing, Advertising, and Public Relations
0100	Administrative Services Managers
0110	Computer and Information Systems Managers
0120	Financial Managers
0130	Human Resources Managers
0140	Industrial Production Managers
0150	Purchasing Managers

0160	Transportation, Storage, and Distribution Managers
0205	Farmers, Ranchers, and Other Agricultural Managers
0220	Constructions Managers
0230	Education Administrators
0300	Architectural and Engineering Managers
0310	Food Service and Lodging Managers
0320	Funeral Directors
0330	Gaming Managers
0350	Medical and Health Services Managers
0360	Natural Science Managers
0410	Property, Real Estate, and Community Association Managers
0420	Social and Community Service Managers
0430	Managers, nec (including Postmasters)
0500	Agents and Business Managers of Artists, Performers, and Athletes
0510	Buyers and Purchasing Agents, Farm Products
0520	Wholesale and Retail Buyers, Except Farm Products
0530	Purchasing Agents, Except Wholesale, Retail, and Farm Products
0540	Claims Adjusters, Appraisers, Examiners, and Investigators
0560	Compliance Officers, Except Agriculture
0600	Cost Estimators

0620	Human Resources, Training, and Labor Relations Specialists
0700	Logisticians
0710	Management Analysts
0720	Meeting and Convention Planners
0730	Other Business Operations and Management Specialists
0800	Accountants and Auditors
0810	Appraisers and Assessors of Real Estate
0820	Budget Analysts
0830	Credit Analysts
0840	Financial Analysts
0850	Personal Financial Advisors
0860	Insurance Underwriters
0900	Financial Examiners
0910	Credit Counselors and Loan Officers
0930	Tax Examiners and Collectors, and Revenue Agents
0940	Tax Preparers
0950	Financial Specialists, nec
1000	Computer Scientists and Systems Analysts/Network systems Analysts/Web Developers
1010	Computer Programmers
1020	Software Developers, Applications and Systems Software

1050	Computer Support Specialists
1060	Database Administrators
1100	Network and Computer Systems Administrators
1200	Actuaries
1220	Operations Research Analysts
1230	Statisticians
1240	Mathematical science occupations, nec
1300	Architects, Except Naval
1310	Surveyors, Cartographers, and Photogrammetrists
1320	Aerospace Engineers
1350	Chemical Engineers
1360	Civil Engineers
1400	Computer Hardware Engineers
1410	Electrical and Electronics Engineers
1420	Environmental Engineers
1430	Industrial Engineers, including Health and Safety
1440	Marine Engineers and Naval Architects
1450	Materials Engineers
1460	Mechanical Engineers
1520	Petroleum, mining and geological engineers, including mining safety engineers

1530	Engineers, nec
1540	Drafters
1550	Engineering Technicians, Except Drafters
1560	Surveying and Mapping Technicians
1600	Agricultural and Food Scientists
1610	Biological Scientists
1640	Conservation Scientists and Foresters
1650	Medical Scientists, and Life Scientists, All Other
1700	Astronomers and Physicists
1710	Atmospheric and Space Scientists
1720	Chemists and Materials Scientists
1740	Environmental Scientists and Geoscientists
1760	Physical Scientists, nec
1800	Economists and market researchers
1820	Psychologists
1830	Urban and Regional Planners
1840	Social Scientists, nec
1900	Agricultural and Food Science Technicians
1910	Biological Technicians
1920	Chemical Technicians

1930	Geological and Petroleum Technicians, and Nuclear Technicians
1960	Life, Physical, and Social Science Technicians, nec
1980	Professional, Research, or Technical Workers, nec
2000	Counselors
2010	Social Workers
2020	Community and Social Service Specialists, nec
2040	Clergy
2050	Directors, Religious Activities and Education
2060	Religious Workers, nec
2100	Lawyers, and judges, magistrates, and other judicial workers
2140	Paralegals and Legal Assistants
2150	Legal Support Workers, nec
2200	Postsecondary Teachers
2300	Preschool and Kindergarten Teachers
2310	Elementary and Middle School Teachers
2320	Secondary School Teachers
2330	Special Education Teachers
2340	Other Teachers and Instructors
2400	Archivists, Curators, and Museum Technicians
2430	Librarians

2440	Library Technicians
2540	Teacher Assistants
2550	Education, Training, and Library Workers, nec
2600	Artists and Related Workers
2630	Designers
2700	Actors, Producers, and Directors
2720	Athletes, Coaches, Umpires, and Related Workers
2740	Dancers and Choreographers
2750	Musicians, Singers, and Related Workers
2760	Entertainers and Performers, Sports and Related Workers, All Other
2800	Announcers
2810	Editors, News Analysts, Reporters, and Correspondents
2825	Public Relations Specialists
2840	Technical Writers
2850	Writers and Authors
2860	Media and Communication Workers, nec
2900	Broadcast and Sound Engineering Technicians and Radio Operators, and media and communication equipment workers, all other
2910	Photographers
2920	Television, Video, and Motion Picture Camera Operators and Editors
3000	Chiropractors



3010	Dentists
3030	Dieticians and Nutritionists
3040	Optometrists
3050	Pharmacists
3060	Physicians and Surgeons
3110	Physician Assistants
3120	Podiatrists
3130	Registered Nurses
3140	Audiologists
3150	Occupational Therapists
3160	Physical Therapists
3200	Radiation Therapists
3210	Recreational Therapists
3220	Respiratory Therapists
3230	Speech Language Pathologists
3240	Therapists, nec
3250	Veterinarians
3260	Health Diagnosing and Treating Practitioners, nec
3300	Clinical Laboratory Technologists and Technicians
3310	Dental Hygienists

3320	Diagnostic Related Technologists and Technicians
3400	Emergency Medical Technicians and Paramedics
3410	Health Diagnosing and Treating Practitioner Support Technicians
3500	Licensed Practical and Licensed Vocational Nurses
3510	Medical Records and Health Information Technicians
3520	Opticians, Dispensing
3530	Health Technologists and Technicians, nec
3540	Healthcare Practitioners and Technical Occupations, nec
3600	Nursing, Psychiatric, and Home Health Aides
3610	Occupational Therapy Assistants and Aides
3620	Physical Therapist Assistants and Aides
3630	Massage Therapists
3640	Dental Assistants
3650	Medical Assistants and Other Healthcare Support Occupations, nec
3700	First-Line Supervisors of Correctional Officers
3710	First-Line Supervisors of Police and Detectives
3720	First-Line Supervisors of Fire Fighting and Prevention Workers
3730	Supervisors, Protective Service Workers, All Other
3740	Firefighters
3750	Fire Inspectors

3800	Sheriffs, Bailiffs, Correctional Officers, and Jailers
3820	Police Officers and Detectives
3900	Animal Control
3910	Private Detectives and Investigators
3930	Security Guards and Gaming Surveillance Officers
3940	Crossing Guards
3950	Law enforcement workers, nec
4000	Chefs and Cooks
4010	First-Line Supervisors of Food Preparation and Serving Workers
4030	Food Preparation Workers
4040	Bartenders
4050	Combined Food Preparation and Serving Workers, Including Fast Food
4060	Counter Attendant, Cafeteria, Food Concession, and Coffee Shop
4110	Waiters and Waitresses
4120	Food Servers, Nonrestaurant
4130	Food preparation and serving related workers, nec
4140	Dishwashers
4150	Host and Hostesses, Restaurant, Lounge, and Coffee Shop
4200	First-Line Supervisors of Housekeeping and Janitorial Workers
4210	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers

4220	Janitors and Building Cleaners
4230	Maids and Housekeeping Cleaners
4240	Pest Control Workers
4250	Grounds Maintenance Workers
4300	First-Line Supervisors of Gaming Workers
4320	First-Line Supervisors of Personal Service Workers
4340	Animal Trainers
4350	Nonfarm Animal Caretakers
4400	Gaming Services Workers
4420	Ushers, Lobby Attendants, and Ticket Takers
4430	Entertainment Attendants and Related Workers, nec
4460	Funeral Service Workers and Embalmers
4500	Barbers
4510	Hairdressers, Hairstylists, and Cosmetologists
4520	Personal Appearance Workers, nec
4530	Baggage Porters, Bellhops, and Concierges
4540	Tour and Travel Guides
4600	Childcare Workers
4610	Personal Care Aides
4620	Recreation and Fitness Workers

4640	Residential Advisors
4650	Personal Care and Service Workers, All Other
4700	First-Line Supervisors of Sales Workers
4720	Cashiers
4740	Counter and Rental Clerks
4750	Parts Salespersons
4760	Retail Salespersons
4800	Advertising Sales Agents
4810	Insurance Sales Agents
4820	Securities, Commodities, and Financial Services Sales Agents
4830	Travel Agents
4840	Sales Representatives, Services, All Other
4850	Sales Representatives, Wholesale and Manufacturing
4900	Models, Demonstrators, and Product Promoters
4920	Real Estate Brokers and Sales Agents
4930	Sales Engineers
4940	Telemarketers
4950	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers
4965	Sales and Related Workers, All Other
5000	First-Line Supervisors of Office and Administrative Support Workers

5010	Switchboard Operators, Including Answering Service
5020	Telephone Operators
5030	Communications Equipment Operators, All Other
5100	Bill and Account Collectors
5110	Billing and Posting Clerks
5120	Bookkeeping, Accounting, and Auditing Clerks
5130	Gaming Cage Workers
5140	Payroll and Timekeeping Clerks
5150	Procurement Clerks
5160	Bank Tellers
5165	Financial Clerks, nec
5200	Brokerage Clerks
5220	Court, Municipal, and License Clerks
5230	Credit Authorizers, Checkers, and Clerks
5240	Customer Service Representatives
5250	Eligibility Interviewers, Government Programs
5260	File Clerks
5300	Hotel, Motel, and Resort Desk Clerks
5310	Interviewers, Except Eligibility and Loan
5320	Library Assistants, Clerical

5330	Loan Interviewers and Clerks
5340	New Account Clerks
5350	Correspondent clerks and order clerks
5360	Human Resources Assistants, Except Payroll and Timekeeping
5400	Receptionists and Information Clerks
5410	Reservation and Transportation Ticket Agents and Travel Clerks
5420	Information and Record Clerks, All Other
5500	Cargo and Freight Agents
5510	Couriers and Messengers
5520	Dispatchers
5530	Meter Readers, Utilities
5540	Postal Service Clerks
5550	Postal Service Mail Carriers
5560	Postal Service Mail Sorters, Processors, and Processing Machine Operators
5600	Production, Planning, and Expediting Clerks
5610	Shipping, Receiving, and Traffic Clerks
5620	Stock Clerks and Order Fillers
5630	Weighers, Measurers, Checkers, and Samplers, Recordkeeping
5700	Secretaries and Administrative Assistants
5800	Computer Operators

5810	Data Entry Keyers
5820	Word Processors and Typists
5840	Insurance Claims and Policy Processing Clerks
5850	Mail Clerks and Mail Machine Operators, Except Postal Service
5860	Office Clerks, General
5900	Office Machine Operators, Except Computer
5910	Proofreaders and Copy Markers
5920	Statistical Assistants
5940	Office and administrative support workers, nec
6005	First-Line Supervisors of Farming, Fishing, and Forestry Workers
6010	Agricultural Inspectors
6040	Graders and Sorters, Agricultural Products
6050	Agricultural workers, nec
6100	Fishing and hunting workers
6120	Forest and Conservation Workers
6130	Logging Workers
6200	First-Line Supervisors of Construction Trades and Extraction Workers
6210	Boilermakers
6220	Brickmasons, Blockmasons, and Stonemasons
6230	Carpenters



6240	Carpet, Floor, and Tile Installers and Finishers
6250	Cement Masons, Concrete Finishers, and Terrazzo Workers
6260	Construction Laborers
6300	Paving, Surfacing, and Tamping Equipment Operators
6320	Construction equipment operators except paving, surfacing, and tamping equipment operators
6330	Drywall Installers, Ceiling Tile Installers, and Tapers
6355	Electricians
6360	Glaziers
6400	Insulation Workers
6420	Painters, Construction and Maintenance
6430	Paperhangers
6440	Pipelayers, Plumbers, Pipefitters, and Steamfitters
6460	Plasterers and Stucco Masons
6500	Reinforcing Iron and Rebar Workers
6515	Roofers
6520	Sheet Metal Workers, metal-working
6530	Structural Iron and Steel Workers
6600	Helpers, Construction Trades
6660	Construction and Building Inspectors
6700	Elevator Installers and Repairers

6710	Fence Erectors
6720	Hazardous Materials Removal Workers
6730	Highway Maintenance Workers
6740	Rail-Track Laying and Maintenance Equipment Operators
6765	Construction workers, nec
6800	Derrick, rotary drill, and service unit operators, and roustabouts, oil, gas, and mining
6820	Earth Drillers, Except Oil and Gas
6830	Explosives Workers, Ordnance Handling Experts, and Blasters
6840	Mining Machine Operators
6940	Extraction workers, nec
7000	First-Line Supervisors of Mechanics, Installers, and Repairers
7010	Computer, Automated Teller, and Office Machine Repairers
7020	Radio and Telecommunications Equipment Installers and Repairers
7030	Avionics Technicians
7040	Electric Motor, Power Tool, and Related Repairers
7100	Electrical and electronics repairers, transportation equipment, and industrial and utility
7110	Electronic Equipment Installers and Repairers, Motor Vehicles
7120	Electronic Home Entertainment Equipment Installers and Repairers
7125	Electronic Repairs, nec
7130	Security and Fire Alarm Systems Installers

7140	Aircraft Mechanics and Service Technicians
7150	Automotive Body and Related Repairers
7160	Automotive Glass Installers and Repairers
7200	Automotive Service Technicians and Mechanics
7210	Bus and Truck Mechanics and Diesel Engine Specialists
7220	Heavy Vehicle and Mobile Equipment Service Technicians and Mechanics
7240	Small Engine Mechanics
7260	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers, nec
7300	Control and Valve Installers and Repairers
7315	Heating, Air Conditioning, and Refrigeration Mechanics and Installers
7320	Home Appliance Repairers
7330	Industrial and Refractory Machinery Mechanics
7340	Maintenance and Repair Workers, General
7350	Maintenance Workers, Machinery
7360	Millwrights
7410	Electrical Power-Line Installers and Repairers
7420	Telecommunications Line Installers and Repairers
7430	Precision Instrument and Equipment Repairers
7510	Coin, Vending, and Amusement Machine Servicers and Repairers
7540	Locksmiths and Safe Repairers

7550	Manufactured Building and Mobile Home Installers
7560	Riggers
7610	Helpers--Installation, Maintenance, and Repair Workers
7630	Other Installation, Maintenance, and Repair Workers Including Wind Turbine Service Technicians, and Commercial Divers, and Signal and Track Switch Repairers
7700	First-Line Supervisors of Production and Operating Workers
7710	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers
7720	Electrical, Electronics, and Electromechanical Assemblers
7730	Engine and Other Machine Assemblers
7740	Structural Metal Fabricators and Fitters
7750	Assemblers and Fabricators, nec
7800	Bakers
7810	Butchers and Other Meat, Poultry, and Fish Processing Workers
7830	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders
7840	Food Batchmakers
7850	Food Cooking Machine Operators and Tenders
7855	Food Processing, nec
7900	Computer Control Programmers and Operators
7920	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic
7930	Forging Machine Setters, Operators, and Tenders, Metal and Plastic
7940	Rolling Machine Setters, Operators, and Tenders, metal and Plastic

7950	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic
7960	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic
8000	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic
8010	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic
8030	Machinists
8040	Metal Furnace Operators, Tenders, Pourers, and Casters
8060	Model Makers and Patternmakers, Metal and Plastic
8100	Molders and Molding Machine Setters, Operators, and Tenders, Metal and Plastic
8130	Tool and Die Makers
8140	Welding, Soldering, and Brazing Workers
8150	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic
8200	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic
8210	Tool Grinders, Filers, and Sharpeners
8220	Metal workers and plastic workers, nec
8230	Bookbinders, Printing Machine Operators, and Job Printers
8250	Prepress Technicians and Workers
8300	Laundry and Dry-Cleaning Workers
8310	Pressers, Textile, Garment, and Related Materials
8320	Sewing Machine Operators
8330	Shoe and Leather Workers and Repairers

8340	Shoe Machine Operators and Tenders
8350	Tailors, Dressmakers, and Sewers
8400	Textile bleaching and dyeing, and cutting machine setters, operators, and tenders
8410	Textile Knitting and Weaving Machine Setters, Operators, and Tenders
8420	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders
8450	Upholsterers
8460	Textile, Apparel, and Furnishings workers, nec
8500	Cabinetmakers and Bench Carpenters
8510	Furniture Finishers
8530	Sawing Machine Setters, Operators, and Tenders, Wood
8540	Woodworking Machine Setters, Operators, and Tenders, Except Sawing
8550	Woodworkers including model makers and patternmakers, nec
8600	Power Plant Operators, Distributors, and Dispatchers
8610	Stationary Engineers and Boiler Operators
8620	Water Wastewater Treatment Plant and System Operators
8630	Plant and System Operators, nec
8640	Chemical Processing Machine Setters, Operators, and Tenders
8650	Crushing, Grinding, Polishing, Mixing, and Blending Workers
8710	Cutting Workers
8720	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders

8730	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders
8740	Inspectors, Testers, Sorters, Samplers, and Weighers
8750	Jewelers and Precious Stone and Metal Workers
8760	Medical, Dental, and Ophthalmic Laboratory Technicians
8800	Packaging and Filling Machine Operators and Tenders
8810	Painting Workers and Dyers
8830	Photographic Process Workers and Processing Machine Operators
8850	Adhesive Bonding Machine Operators and Tenders
8860	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders
8910	Etchers, Engravers, and Lithographers
8920	Molders, Shapers, and Casters, Except Metal and Plastic
8930	Paper Goods Machine Setters, Operators, and Tenders
8940	Tire Builders
8950	Helpers--Production Workers
8965	Other production workers including semiconductor processors and cooling and freezing equipment operators
9000	Supervisors of Transportation and Material Moving Workers
9030	Aircraft Pilots and Flight Engineers
9040	Air Traffic Controllers and Airfield Operations Specialists
9050	Flight Attendants and Transportation Workers and Attendants
9100	Bus and Ambulance Drivers and Attendants

9130	Driver/Sales Workers and Truck Drivers
9140	Taxi Drivers and Chauffeurs
9150	Motor Vehicle Operators, All Other
9200	Locomotive Engineers and Operators
9230	Railroad Brake, Signal, and Switch Operators
9240	Railroad Conductors and Yardmasters
9260	Subway, Streetcar, and Other Rail Transportation Workers
9300	Sailors and marine oilers, and ship engineers
9310	Ship and Boat Captains and Operators
9350	Parking Lot Attendants
9360	Automotive and Watercraft Service Attendants
9410	Transportation Inspectors
9420	Transportation workers, nec
9510	Crane and Tower Operators
9520	Dredge, Excavating, and Loading Machine Operators
9560	Conveyor operators and tenders, and hoist and winch operators
9600	Industrial Truck and Tractor Operators
9610	Cleaners of Vehicles and Equipment
9620	Laborers and Freight, Stock, and Material Movers, Hand
9630	Machine Feeders and Offbearers



9640	Packers and Packagers, Hand
9650	Pumping Station Operators
9720	Refuse and Recyclable Material Collectors
9750	Material moving workers, nec
9800	Military Officer Special and Tactical Operations Leaders
9810	First-Line Enlisted Military Supervisors
9820	Military Enlisted Tactical Operations and Air/Weapons Specialists and Crew Members
9830	Military, Rank Not Specified
9920	Unemployed, with No Work Experience in the Last 5 Years or Earlier or Never Worked