

User Extract usa_00004.dat

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§ 1. Document Description

Citation

Title Statement	
Title:	Codebook for an IPUMS-USA Data Extract
Subtitle:	DDI 2.5 metadata describing the extract file 'usa_00004.dat'
Identification Number:	ddi2-34ea44d0-5a84-0139-f179-0242ac1d0004-usa_00004.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:	April 15, 2021
Place of Production:	Minnesota Population Center, 50 Willey Hall, 225 - 19th Avenue South, Minneapolis, MN 55455
Distribution Statement	
Contact Persons:	Minnesota Population Center

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

§ 2. Study Description

Citation

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URI:	http://pop.umn.edu
Version Statement	
Date:	2021-04-15

Study Scope

Subject Information

Topic Classification:	Technical Variables -- HOUSEHOLD
	Geographic Variables -- HOUSEHOLD
	Group Quarters Variables -- HOUSEHOLD
	Technical Variables -- PERSON
	Family Interrelationship Variables -- PERSON
	Demographic Variables -- PERSON
	Race, Ethnicity, and Nativity Variables -- PERSON
	Education Variables -- PERSON
	Work Variables -- PERSON
	Income Variables -- PERSON
Summary Data Description	
Time Period:	1980
Country:	United States
Summary Data Description	
Time Period:	1990
Country:	United States
Summary Data Description	
Time Period:	2000
Country:	United States
Summary Data Description	
Time Period:	2010
Country:	United States
Notes	
Note:	Additional notes on a sample that is part of this study: 1980 5% Density of the full data file: 5.0% Density of this extract: 5.0%

	Additional notes on a sample that is part of this study: 1990 1%
	Additional notes on a sample that is part of this study: 2000 5% Density of the full data file: 5.0% Density of this extract: 5.0%
	Additional notes on a sample that is part of this study: 2010 ACS

Data Access - Use Statement

Confidentiality Declaration	
None	
Contact Persons:	IPUMS-USA
Affiliation:	Minnesota Population Center
URI:	http://usa.ipums.org
Citation Requirement	
<p>Publications and research reports based on the IPUMS-USA database must cite it appropriately. The citation should include the following:</p> <p>Steven Ruggles, Sarah Flood, Sophia Foster, Ronald Goeken, Jose Pacas, Megan Schouweiler and Matthew Sobek. IPUMS USA: Version 11.0 [dataset]. Minneapolis, MN: IPUMS, 2021. https://doi.org/10.18128/D010.V11.0</p> <p>The licensing agreement for use of IPUMS-USA data requires that users supply us with the title and full citation for any publications, research reports, or educational materials making use of the data or documentation. Please add your citation to the IPUMS bibliography at http://bibliography.ipums.org/.</p>	
Conditions	
<p>Users of IPUMS-USA data must agree to abide by the conditions of use. A user's license is valid for one year and may be renewed. Users must agree to the following conditions:</p> <p>(1) No fees may be charged for use or distribution of the data.</p> <p>(2) Cite IPUMS appropriately. For information on proper citation, refer to the citation requirement section of this DDI document.</p> <p>(3) Tell us about any work you do using the IPUMS. Publications, research reports, or presentations making use of IPUMS-USA should be added to our Bibliography. Continued funding for the IPUMS depends on our ability to show our sponsor agencies that researchers are using the data for productive purposes.</p> <p>(4) The IPUMS cannot be used for genealogical research</p> <p>(5) It is difficult to use the IPUMS to study small geographic areas. In the IPUMS census samples for years 1940-present, no places having a population of fewer than 100,000 persons can be identified.</p> <p>(6) Use it for GOOD -- never for EVIL.</p> <p>(7) Please notify ipums@umn.edu regarding errors in the data or documentation.</p>	

Disclaimer

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

Study Notes**Notes**

Note:	User-provided description: Revision of (Revision of 00002)
	This extract is a revision of the user's previous extract, ID 11638703.

§ 3. File Description**File**

File Name:	usa_00004.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. [METRO](#) (Metropolitan status)
9. [STRATA](#) (Household strata for variance estimation)
10. [GQ](#) (Group quarters status)
11. [PERNUM](#) (Person number in sample unit)
12. [PERWT](#) (Person weight)

13. [NCHILD](#) (Number of own children in the household)
14. [NCHLT5](#) (Number of own children under age 5 in household)
15. [SEX](#) (Sex)
16. [AGE](#) (Age)
17. [MARST](#) (Marital status)
18. [RACE](#) (Race [general version])
19. [RACED](#) (Race [detailed version])
20. [HISPAN](#) (Hispanic origin [general version])
21. [HISPAND](#) (Hispanic origin [detailed version])
22. [BPL](#) (Birthplace [general version])
23. [BPLD](#) (Birthplace [detailed version])
24. [EDUC](#) (Educational attainment [general version])
25. [EDUCD](#) (Educational attainment [detailed version])
26. [LABFORCE](#) (Labor force status)
27. [CLASSWKR](#) (Class of worker [general version])
28. [CLASSWKRD](#) (Class of worker [detailed version])
29. [OCC1990](#) (Occupation, 1990 basis)
30. [WKSWORK1](#) (Weeks worked last year)
31. [WKSWORK2](#) (Weeks worked last year, intervalled)
32. [UHRSWORK](#) (Usual hours worked per week)
33. [INCWAGE](#) (Wage and salary income)

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	0

Places:

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."</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
201904	2015-2019, PRCS 5-year
201903	2015-2019, ACS 5-year
201902	2019 PRCS
201901	2019 ACS
201804	2014-2018, PRCS 5-year
201803	2014-2018, ACS 5-year
201802	2018 PRCS
201801	2018 ACS
201704	2013-2017, PRCS 5-year
201703	2013-2017, ACS 5-year
201702	2017 PRCS
201701	2017 ACS
201604	2012-2016, PRCS 5-year
201603	2012-2016, ACS 5-year
201602	2016 PRCS
201601	2016 ACS
201504	2011-2015, PRCS 5-year
201503	2011-2015, ACS 5-year
201502	2015 PRCS

201501	2015 ACS
201404	2010-2014, PRCS 5-year
201403	2010-2014, ACS 5-year
201402	2014 PRCS
201401	2014 ACS
201306	2009-2013, PRCS 5-year
201305	2009-2013, ACS 5-year
201304	2011-2013, PRCS 3-year
201303	2011-2013, ACS 3-year
201302	2013 PRCS
201301	2013 ACS
201206	2008-2012, PRCS 5-year
201205	2008-2012, ACS 5-year
201204	2010-2012, PRCS 3-year
201203	2010-2012, ACS 3-year
201202	2012 PRCS
201201	2012 ACS
201106	2007-2011, PRCS 5-year
201105	2007-2011, ACS 5-year
201104	2009-2011, PRCS 3-year
201103	2009-2011, ACS 3-year
201102	2011 PRCS
201101	2011 ACS
201008	2010 Puerto Rico 10%
201007	2010 10%
201006	2006-2010, PRCS 5-year
201005	2006-2010, ACS 5-year

201004	2008-2010, PRCS 3-year
201003	2008-2010, ACS 3-year
201002	2010 PRCS
201001	2010 ACS
200906	2005-2009, PRCS 5-year
200905	2005-2009, ACS 5-year
200904	2007-2009, PRCS 3-year
200903	2007-2009, ACS 3-year
200902	2009 PRCS
200901	2009 ACS
200804	2006-2008, PRCS 3-year
200803	2006-2008, ACS 3-year
200802	2008 PRCS
200801	2008 ACS
200704	2005-2007, PRCS 3-year
200703	2005-2007, ACS 3-year
200702	2007 PRCS
200701	2007 ACS
200602	2006 PRCS
200601	2006 ACS
200502	2005 PRCS
200501	2005 ACS
200401	2004 ACS
200301	2003 ACS
200201	2002 ACS
200101	2001 ACS

200008	2000 Puerto Rico 1%
200007	2000 1%
200006	2000 Puerto Rico 1% sample (old version)
200005	2000 Puerto Rico 5%
200004	2000 ACS
200003	2000 Unweighted 1%
200002	2000 1% sample (old version)
200001	2000 5%
199007	1990 Puerto Rico 1%
199006	1990 Puerto Rico 5%
199005	1990 Labor Market Area
199004	1990 Elderly
199003	1990 Unweighted 1%
199002	1990 1%
199001	1990 5%
198007	1980 Puerto Rico 1%
198006	1980 Puerto Rico 5%
198005	1980 Detailed metro/non-metro
198004	1980 Labor Market Area
198003	1980 Urban/Rural
198002	1980 1%
198001	1980 5%
197009	1970 Puerto Rico Neighborhood
197008	1970 Puerto Rico Municipio
197007	1970 Puerto Rico State
197006	1970 Form 2 Neighborhood
197005	1970 Form 1 Neighborhood

197004	1970 Form 2 Metro
197003	1970 Form 1 Metro
197002	1970 Form 2 State
197001	1970 Form 1 State
196002	1960 5%
196001	1960 1%
195001	1950 1%
194002	1940 100% database
194001	1940 1%
193004	1930 100% database
193003	1930 Puerto Rico
193002	1930 5%
193001	1930 1%
192003	1920 100% database
192002	1920 Puerto Rico sample
192001	1920 1%
191004	1910 100% database
191003	1910 1.4% sample with oversamples
191002	1910 1%
191001	1910 Puerto Rico
190004	1900 100% database
190003	1900 1% sample with oversamples
190002	1900 1%
190001	1900 5%
188003	1880 100% database
188002	1880 10%

188001	1880 1%
187003	1870 100% database
187002	1870 1% sample with black oversample
187001	1870 1%
186003	1860 100% database
186002	1860 1% sample with black oversample
186001	1860 1%
185002	1850 100% database
185001	1850 1%

Variable: "SERIAL"

Name:	SERIAL
Label:	Household serial number
Variable Text:	<p>SERIAL is an identifying number unique to each household record in a given sample. All person records are assigned the same serial number as the household record that they follow. (Person records also have their own unique identifiers - see PERNUM.) A combination of SAMPLE and SERIAL provides a unique identifier for every household in the IPUMS; the combination of SAMPLE, SERIAL, and PERNUM uniquely identifies every person in the database.</p> <p>For 1850-1930, households that are part of a multi-household dwelling can be identified by using the DWELLING and DWSEQ variables. See "Sample Designs" for further discussion of sampling from within multi-household dwellings.</p>
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	11
End Position:	18
Width:	8
Variable Format:	numeric
Implied Decimal Places:	0
Coder	CodesSERIAL is an 8-digit numeric variable which assigns a unique identification number

Instructions:	<p>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>
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Variable: "CBSERIAL"

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

Variable: "HHWT"

Name:	HHWT
Label:	Household weight

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

Variable: "CLUSTER"

Name:	CLUSTER
Label:	Household cluster for variance estimation
Variable Text:	CLUSTER is designed for use with STRATA in Taylor series linear approximation for correction of complex sample design characteristics. See the STRATA variable description

	for more details.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	42
End Position:	54
Width:	13
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>CodesCLUSTER is an 11-digit numeric variable designed for use with STRATA in Taylor series linear approximation for correction of complex sample design characteristics (See the Description of STRATA for more details). CLUSTER specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below if applicable by Census year (and data sample if specified).</p> <p>CLUSTER Specific Variable Codes</p>

Variable: "REGION"

Name:	REGION
Label:	Census region and division
Variable Text:	<p>REGION identifies the region and division where the housing unit was located. Unless otherwise noted in the comparability discussion, states, or territories that later became states, are recoded into the following 1990 regional and divisional classification system:</p> <p>1. Northeast Region New England Division: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont</p> <p>Middle Atlantic Division: New Jersey, New York, Pennsylvania</p> <p>2. Midwest (formerly North Central) Region East North Central Division: Illinois, Indiana, Michigan, Ohio, Wisconsin</p> <p>West North Central Division: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota</p> <p>3. South Region South Atlantic Division: Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia</p> <p>East South Central Division: Alabama, Kentucky, Mississippi, Tennessee</p> <p>West South Central Division: Arkansas, Louisiana, Oklahoma/Indian Territory, Texas</p> <p>4. West Region Mountain Division: Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, Wyoming</p>

	<p>Pacific Division: Alaska, California, Hawaii, Oregon, Washington</p> <p>9. State Unknown</p> <p>1900-1910: overseas military reservations are not identified by state.</p> <p>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

Categories

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

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

Variable: "METRO"

Name:	METRO
Label:	Metropolitan status
Variable Text:	<p>METRO indicates whether the household resided within a metropolitan area and, for households in metropolitan areas, whether the household resided within or outside of a central/principal city.</p> <p>In many public-use microdata samples, metropolitan and central/principal-city status are not directly identified. In such cases, IPUMS derives METRO codes based on other available geographic information, e.g., county groups (CNTYGP97 and CNTYGP98) or Public Use Microdata Areas (PUMA). If a county group or PUMA lies only partially within metropolitan areas or central/principal cities, then METRO indicates that the status is "indeterminable (mixed)."</p>
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	57
End Position:	57
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0	Metropolitan status indeterminable (mixed)
1	Not in metropolitan area

2	In metropolitan area: In central/principal city
3	In metropolitan area: Not in central/principal city
4	In metropolitan area: Central/principal city status indeterminable (mixed)

Variable: "STRATA"

Name:	STRATA
Label:	Household strata for variance estimation
Variable Text:	<p>STRATA is designed for use with CLUSTER in Taylor series linear approximation for correction of complex sample design characteristics.</p> <p>While appropriate use of the sampling weights PERWT and HHWT allow users to produce correct point estimates (such as means and proportions), many researchers believe that additional statistical techniques are also necessary to produce correct standard errors and statistical tests that account for complex sample design.</p> <p>For further information on why and how to use STRATA and CLUSTER, see Analysis and Variance Estimation with the IPUMS . For more details on the mathematics behind this method, see Issues Concerning the Calculation of Standard Errors Using IPUMS Data Products .</p>
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	58
End Position:	69
Width:	12
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>CodesSTRATA is a 12-digit numeric variable designed for use with CLUSTER in Taylor series linear approximation for correction of complex sample design characteristics. While appropriate use of the sampling weights PERWT and HHWT allow users to produce correct point estimates (such as means and proportions), many researchers believe that additional statistical techniques are also necessary to produce correct standard errors and statistical tests that account for complex sample design. STRATA specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below if applicable by Census year (and data sample if specified).</p> <p>User Note: For further information on why and how to use STRATA and CLUSTER, see Analysis and Variance Estimation with the IPUMS. For more details on the mathematics behind this method, see Issues Concerning the Calculation of Standard Errors Using</p>

IPUMS Data Products.

STRATA Specific Variable Codes

Variable: "GQ"

Name:	GQ
Label:	Group quarters status
Variable Text:	<p>GQ classifies all housing units as falling into one of three main categories: households, group quarters, or vacant units. It also identifies fragmentary sample units for 1850-1930 (see below). In all years, the data available about a person and their co-residents depend on whether the person lives in a household or in group quarters. Households are sampled as units, meaning that everyone in the household is included in the sample, and most household-level variables are available. People living in group quarters are generally sampled as individuals; other people in their unit may or may not be included in the sample, and there is no way of linking co-residents' records to one another. If, however, a sampled person in group quarters was living with relatives, the related group was sampled for 1850-1930. Most household-level variables are not available for group quarters or for vacant units.</p> <p>Group quarters are largely institutions and other group living arrangements, such as rooming houses and military barracks. The definitions vary from year to year, but the pre-1940 samples have generally used a definition of group quarters that includes units with 10 or more individuals unrelated to the householder. See the comparability discussion below and "Sample Designs" for more details about changing definitions of group quarters. Group-quarters types are identified in further detail by GQTYPE and GQFUNDS.</p>
Concept:	Group Quarters Variables -- HOUSEHOLD
Start Position:	70
End Position:	70
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: "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:	71
End Position:	74
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesPERNUM is a 4-digit numeric variable which numbers all persons within each household consecutively in the order in which they appear on the original census or survey form. PERNUM specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below if applicable by Census year (and data sample if specified).

Variable: "PERWT"

Name:	PERWT
Label:	Person weight
Variable Text:	PERWT indicates how many persons in the U.S. population are represented by a given person in an IPUMS sample.

	<p>It is generally a good idea to use PERWT when conducting a person-level analysis of any IPUMS sample. The use of PERWT is optional when analyzing one of the "flat" or unweighted IPUMS samples. Flat IPUMS samples include the 1% samples from 1850-1930, all samples from 1960, 1970, and 1980, the 1% unweighted samples from 1990 and 2000, the 10% 2010 sample, and any of the full count 100% census datasets. PERWT must be used to obtain nationally representative statistics for person-level analyses of any sample other than those.</p> <p>For further explanation of the sample weights, see "Sample Designs" and "Sample Weights". See also HHWT for a corresponding variable at the household level, and SLWT for a weight variable used with sample-line records in 1940 and 1950.</p>
Concept:	Technical Variables -- PERSON
Start Position:	75
End Position:	84
Width:	10
Variable Format:	numeric
Implied Decimal Places:	2
Coder Instructions:	<p>CodesPERWT is a 6-digit numeric variable which indicates how many persons in the U.S. population are represented by a given person in an IPUMS sample and has two implied decimals. For example, a PERWT value of 010461 should be interpreted as 104.61. PERWT specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below if applicable by Census year (and data sample if specified).</p> <p>PERWT Specific Variable Codes</p>

Variable: "NCHILD"

Name:	NCHILD
Label:	Number of own children in the household
Variable Text:	NCHILD counts the number of own children (of any age or marital status) residing with each individual. NCHILD includes step-children and adopted children as well as biological children. Persons with no children present are coded "0."
Concept:	Family Interrelationship Variables -- PERSON
Start Position:	85
End Position:	85

Width:	1																						
Variable Format:	numeric																						
Implied Decimal Places:	0																						
Categories																							
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr><td>0</td><td>0 children present</td></tr> <tr><td>1</td><td>1 child present</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td></tr> <tr><td>9</td><td>9+</td></tr> </tbody> </table>		Value	Label	0	0 children present	1	1 child present	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9+
Value	Label																						
0	0 children present																						
1	1 child present																						
2	2																						
3	3																						
4	4																						
5	5																						
6	6																						
7	7																						
8	8																						
9	9+																						

Variable: "NCHLT5"

Name:	NCHLT5
Label:	Number of own children under age 5 in household
Variable Text:	NCHLT5 counts the number of own children age 4 and under residing with each individual. NCHLT5 includes step-children and adopted children as well as biological children. Persons with no children under 5 present are coded "0."
Concept:	Family Interrelationship Variables -- PERSON
Start Position:	86
End Position:	86

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

Categories

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

Variable: "SEX"

Name:	SEX
Label:	Sex
Variable Text:	SEX reports whether the person was male or female.
Concept:	Demographic Variables -- PERSON
Start Position:	87
End Position:	87
Width:	1

Variable Format:	numeric						
Implied Decimal Places:	0						
Categories							
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>1</td><td>Male</td></tr> <tr> <td>2</td><td>Female</td></tr> </tbody> </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:	88						
End Position:	90						
Width:	3						
Variable Format:	numeric						
Implied Decimal Places:	0						
Categories							
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>000</td><td>Less than 1 year old</td></tr> <tr> <td>001</td><td>1</td></tr> </tbody> </table>		Value	Label	000	Less than 1 year old	001	1
Value	Label						
000	Less than 1 year old						
001	1						

002	2
003	3
004	4
005	5
006	6
007	7
008	8
009	9
010	10
011	11
012	12
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028	28
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064	64
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068	68
069	69
070	70
071	71
072	72
073	73
074	74
075	75
076	76
077	77
078	78
079	79
080	80

081	81
082	82
083	83
084	84
085	85
086	86
087	87
088	88
089	89
090	90 (90+ in 1980 and 1990)
091	91
092	92
093	93
094	94
095	95
096	96
097	97
098	98
099	99
100	100 (100+ in 1960-1970)
101	101
102	102
103	103
104	104
105	105
106	106
107	107

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

Variable: "MARST"

Name:	MARST
Label:	Marital status

Variable Text:	MARST gives each person's current marital status.														
Concept:	Demographic Variables -- PERSON														
Start Position:	91														
End Position:	91														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
Categories															
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>1</td><td>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> </tbody> </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, for detail about how the RACE and RACESING codes are related.</p>

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

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: 92

End Position: 92

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, for detail about how the RACE and RACESING codes are related.</p> <p>In addition, specific combinations of major races can be discerned using the following bivariate indicators of whether a particular race group was reported: RACAMIND, RACASIAN, RACBLK, RACOTHER, RACPACIS, and RACWHT. RACNUM indicates the total number of major race groups reported for an individual. The information contained in the bivariate indicators and in RACNUM is integrated into the detailed version of RACE. Users primarily interested in historical comparability should consider using RACESING and/or the accompanying variables PROBAI, PROBAPI, PROBBLK, PROBOTH, and PROBWHT. Note that Hispanic origin is assessed through separate questioning (see HISPAN).</p> <p>Prior to 1960, the census enumerator was responsible for categorizing persons and was not specifically instructed to ask the individual his or her race. In 1970 and later years, an individual's race was reported by someone in the household or group quarters. In the 1990 U.S. census, the 2000 U.S. and Puerto Rican censuses, the ACS, and the PRCS respondents were specifically asked what race the person "considers himself/herself" to be, although such self-description was more or less operative since 1960.</p> <p>User Note: Race questions were not asked in the Puerto Rican censuses of 1970, 1980, and 1990. They were asked in the 1910 and 1920 Puerto Rican censuses, the 2000-2010 Puerto Rican censuses, and the PRCS.</p>
Concept:	Race, Ethnicity, and Nativity Variables -- PERSON
Start Position:	93
End Position:	95
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:	96
End Position:	96
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:	97
End Position:	99
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label

000	Not Hispanic
100	Mexican
102	Mexican American
103	Mexicano/Mexicana
104	Chicano/Chicana
105	La Raza
106	Mexican American Indian
107	Mexico
200	Puerto Rican
300	Cuban
401	Central American Indian
402	Canal Zone
411	Costa Rican
412	Guatemalan
413	Honduran
414	Nicaraguan
415	Panamanian
416	Salvadoran
417	Central American, n.e.c.
420	Argentinean
421	Bolivian
422	Chilean
423	Colombian
424	Ecuadorian
425	Paraguayan
426	Peruvian
427	Uruguayan

428	Venezuelan
429	South American Indian
430	Criollo
431	South American, n.e.c.
450	Spaniard
451	Andalusian
452	Asturian
453	Castillian
454	Catalonian
455	Balearic Islander
456	Gallego
457	Valencian
458	Canarian
459	Spanish Basque
460	Dominican
465	Latin American
470	Hispanic
480	Spanish
490	Californio
491	Tejano
492	Nuevo Mexicano
493	Spanish American
494	Spanish American Indian
495	Meso American Indian
496	Mestizo
498	Other, n.s.

499	Other, n.e.c.
900	Not Reported

Variable: "BPL"

Name:	BPL
Label:	Birthplace [general version]
Variable Text:	BPL indicates the U.S. state, the outlying U.S. area or territory, or the foreign country where the person was born.
Concept:	Race, Ethnicity, and Nativity Variables -- PERSON
Start Position:	100
End Position:	102
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
001	Alabama
002	Alaska
004	Arizona
005	Arkansas
006	California
008	Colorado
009	Connecticut
010	Delaware
011	District of Columbia
012	Florida

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

040	Oklahoma
041	Oregon
042	Pennsylvania
044	Rhode Island
045	South Carolina
046	South Dakota
047	Tennessee
048	Texas
049	Utah
050	Vermont
051	Virginia
053	Washington
054	West Virginia
055	Wisconsin
056	Wyoming
090	Native American
099	United States, ns
100	American Samoa
105	Guam
110	Puerto Rico
115	U.S. Virgin Islands
120	Other US Possessions
150	Canada
155	St. Pierre and Miquelon
160	Atlantic Islands
199	North America, ns
200	Mexico

210	Central America
250	Cuba
260	West Indies
299	Americas, n.s.
300	SOUTH AMERICA
400	Denmark
401	Finland
402	Iceland
403	Lapland, n.s.
404	Norway
405	Sweden
410	England
411	Scotland
412	Wales
413	United Kingdom, ns
414	Ireland
419	Northern Europe, ns
420	Belgium
421	France
422	Liechtenstein
423	Luxembourg
424	Monaco
425	Netherlands
426	Switzerland
429	Western Europe, ns
430	Albania

431	Andorra
432	Gibraltar
433	Greece
434	Italy
435	Malta
436	Portugal
437	San Marino
438	Spain
439	Vatican City
440	Southern Europe, ns
450	Austria
451	Bulgaria
452	Czechoslovakia
453	Germany
454	Hungary
455	Poland
456	Romania
457	Yugoslavia
458	Central Europe, ns
459	Eastern Europe, ns
460	Estonia
461	Latvia
462	Lithuania
463	Baltic States, ns
465	Other USSR/Russia
499	Europe, ns
500	China

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

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

Variable: "BPLD"

Name:	BPLD
Label:	Birthplace [detailed version]
Variable Text:	BPL indicates the U.S. state, the outlying U.S. area or territory, or the foreign country where the person was born.

Concept:	Race, Ethnicity, and Nativity Variables -- PERSON
Start Position:	103
End Position:	107
Width:	5
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
00100	Alabama
00200	Alaska
00400	Arizona
00500	Arkansas
00600	California
00800	Colorado
00900	Connecticut
01000	Delaware
01100	District of Columbia
01200	Florida
01300	Georgia
01500	Hawaii
01600	Idaho
01610	Idaho Territory
01700	Illinois
01800	Indiana
01900	Iowa

02000	Kansas
02100	Kentucky
02200	Louisiana
02300	Maine
02400	Maryland
02500	Massachusetts
02600	Michigan
02700	Minnesota
02800	Mississippi
02900	Missouri
03000	Montana
03100	Nebraska
03200	Nevada
03300	New Hampshire
03400	New Jersey
03500	New Mexico
03510	New Mexico Territory
03600	New York
03700	North Carolina
03800	North Dakota
03900	Ohio
04000	Oklahoma
04010	Indian Territory
04100	Oregon
04200	Pennsylvania
04400	Rhode Island
04500	South Carolina

04600	South Dakota
04610	Dakota Territory
04700	Tennessee
04800	Texas
04900	Utah
04910	Utah Territory
05000	Vermont
05100	Virginia
05300	Washington
05400	West Virginia
05500	Wisconsin
05600	Wyoming
05610	Wyoming Territory
09000	Native American
09900	United States, ns
10000	American Samoa
10010	Samoa, 1940-1950
10500	Guam
11000	Puerto Rico
11500	U.S. Virgin Islands
11510	St. Croix
11520	St. John
11530	St. Thomas
12000	Other US Possessions:
12010	Johnston Atoll
12020	Midway Islands

12030	Wake Island
12040	Other US Caribbean Islands
12041	Navassa Island
12050	Other US Pacific Islands
12051	Baker Island
12052	Howland Island
12053	Jarvis Island
12054	Kingman Reef
12055	Palmyra Atoll
12056	Canton and Enderbury Island
12090	US outlying areas, ns
12091	US possessions, ns
12092	US territory, ns
15000	Canada
15010	English Canada
15011	British Columbia
15013	Alberta
15015	Saskatchewan
15017	Northwest
15019	Ruperts Land
15020	Manitoba
15021	Red River
15030	Ontario/Upper Canada
15031	Upper Canada
15032	Canada West
15040	New Brunswick
15050	Nova Scotia

15051	Cape Breton
15052	Halifax
15060	Prince Edward Island
15070	Newfoundland
15080	French Canada
15081	Quebec
15082	Lower Canada
15083	Canada East
15500	St. Pierre and Miquelon
16000	Atlantic Islands
16010	Bermuda
16020	Cape Verde
16030	Falkland Islands
16040	Greenland
16050	St. Helena and Ascension
16060	Canary Islands
19900	North America, ns
20000	Mexico
21000	Central America
21010	Belize/British Honduras
21020	Costa Rica
21030	El Salvador
21040	Guatemala
21050	Honduras
21060	Nicaragua
21070	Panama

21071	Canal Zone
21090	Central America, ns
25000	Cuba
26000	West Indies
26010	Dominican Republic
26020	Haiti
26030	Jamaica
26040	British West Indies
26041	Anguilla
26042	Antigua-Barbuda
26043	Bahamas
26044	Barbados
26045	British Virgin Islands
26046	Anegada
26047	Cooper
26048	Jost Van Dyke
26049	Peter
26050	Tortola
26051	Virgin Gorda
26052	Br. Virgin Islands, ns
26053	Cayman Islands
26054	Dominica
26055	Grenada
26056	Montserrat
26057	St. Kitts-Nevis
26058	St. Lucia
26059	St. Vincent

26060	Trinidad and Tobago
26061	Turks and Caicos
26069	Br. Virgin Islands, ns
26070	Other West Indies
26071	Aruba
26072	Netherlands Antilles
26073	Bonaire
26074	Curacao
26075	Dutch St. Maarten
26076	Saba
26077	St. Eustatius
26079	Dutch Caribbean, ns
26080	French St. Maarten
26081	Guadeloupe
26082	Martinique
26083	St. Barthelemy
26089	French Caribbean, ns
26090	Antilles, ns
26091	Caribbean, ns
26092	Latin America, ns
26093	Leeward Islands, ns
26094	West Indies, ns
26095	Windward Islands, ns
29900	Americas, ns
30000	South America
30005	Argentina

30010	Bolivia
30015	Brazil
30020	Chile
30025	Colombia
30030	Ecuador
30035	French Guiana
30040	Guyana/British Guiana
30045	Paraguay
30050	Peru
30055	Suriname
30060	Uruguay
30065	Venezuela
30090	South America, ns
30091	South and Central America, n.s.
40000	Denmark
40010	Faeroe Islands
40100	Finland
40200	Iceland
40300	Lapland, ns
40400	Norway
40410	Svalbard and Jan Meyen
40411	Svalbard
40412	Jan Meyen
40500	Sweden
41000	England
41010	Channel Islands
41011	Guernsey

41012	Jersey
41020	Isle of Man
41100	Scotland
41200	Wales
41300	United Kingdom, ns
41400	Ireland
41410	Northern Ireland
41900	Northern Europe, ns
42000	Belgium
42100	France
42110	Alsace-Lorraine
42111	Alsace
42112	Lorraine
42200	Liechtenstein
42300	Luxembourg
42400	Monaco
42500	Netherlands
42600	Switzerland
42900	Western Europe, ns
43000	Albania
43100	Andorra
43200	Gibraltar
43300	Greece
43310	Dodecanese Islands
43320	Turkey Greece
43330	Macedonia

43400	Italy
43500	Malta
43600	Portugal
43610	Azores
43620	Madeira Islands
43630	Cape Verde Islands
43640	St. Miguel
43700	San Marino
43800	Spain
43900	Vatican City
44000	Southern Europe, ns
45000	Austria
45010	Austria-Hungary
45020	Austria-Graz
45030	Austria-Linz
45040	Austria-Salzburg
45050	Austria-Tyrol
45060	Austria-Vienna
45070	Austria-Kaernsten
45080	Austria-Neustadt
45100	Bulgaria
45200	Czechoslovakia
45210	Bohemia
45211	Bohemia-Moravia
45212	Slovakia
45213	Czech Republic
45300	Germany

45301	Berlin
45302	West Berlin
45303	East Berlin
45310	West Germany
45311	Baden
45312	Bavaria
45313	Braunschweig
45314	Bremen
45315	Hamburg
45316	Hanover
45317	Hessen
45318	Hesse-Nassau
45319	Lippe
45320	Lubeck
45321	Oldenburg
45322	Rheinland
45323	Schaumburg-Lippe
45324	Schleswig
45325	Sigmaringen
45326	Schwarzburg
45327	Westphalia
45328	Wurttemberg
45329	Waldeck
45330	Wittenberg
45331	Frankfurt
45332	Saarland

45333	Nordrhein-Westfalen
45340	East Germany
45341	Anhalt
45342	Brandenburg
45344	Kingdom of Saxony
45345	Mecklenburg
45346	Saxony
45347	Thuringian States
45348	Sachsen-Meiningen
45349	Sachsen-Weimar-Eisenach
45350	Probable Saxony
45351	Schwerin
45352	Strelitz
45353	Probably Thuringian States
45360	Prussia, nec
45361	Hohenzollern
45362	Niedersachsen
45400	Hungary
45500	Poland
45510	Austrian Poland
45511	Galicia
45520	German Poland
45521	East Prussia
45522	Pomerania
45523	Posen
45524	Prussian Poland
45525	Silesia

45526	West Prussia
45530	Russian Poland
45600	Romania
45610	Transylvania
45700	Yugoslavia
45710	Croatia
45720	Montenegro
45730	Serbia
45740	Bosnia
45750	Dalmatia
45760	Slovenia
45770	Carniola
45780	Slovenia
45790	Kosovo
45800	Central Europe, ns
45900	Eastern Europe, ns
46000	Estonia
46100	Latvia
46200	Lithuania
46300	Baltic States, ns
46500	Other USSR/Russia
46510	Byelorussia
46520	Moldavia
46521	Bessarabia
46530	Ukraine
46540	Armenia

46541	Azerbaijan
46542	Republic of Georgia
46543	Kazakhstan
46544	Kirghizia
46545	Tadzhik
46546	Turkmenistan
46547	Uzbekistan
46548	Siberia
46590	USSR, ns
49900	Europe, ns.
50000	China
50010	Hong Kong
50020	Macau
50030	Mongolia
50040	Taiwan
50100	Japan
50200	Korea
50210	North Korea
50220	South Korea
50900	East Asia, ns
51000	Brunei
51100	Cambodia (Kampuchea)
51200	Indonesia
51210	East Indies
51220	East Timor
51300	Laos
51400	Malaysia

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

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

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

60047	Malawi
60048	Mauritius
60049	Mozambique
60050	Reunion
60051	Rwanda
60052	Seychelles
60053	Somalia
60054	Tanzania
60055	Uganda
60056	Zambia
60057	Zimbabwe
60058	Bassas de India
60059	Europa
60060	Gloriosos
60061	Juan de Nova
60062	Mayotte
60063	Tromelin
60064	Eastern Africa, nec/ns
60065	Eritrea
60066	South Sudan
60070	Central Africa
60071	Angola
60072	Cameroon
60073	Central African Republic
60074	Chad
60075	Congo
60076	Equatorial Guinea

60077	Gabon
60078	Sao Tome and Principe
60079	Zaire
60080	Central Africa, ns
60081	Equatorial Africa, ns
60082	French Equatorial Africa, ns
60090	Southern Africa
60091	Botswana
60092	Lesotho
60093	Namibia
60094	South Africa (Union of)
60095	Swaziland
60096	Southern Africa, ns
60099	Africa, ns/nec
70000	Australia and New Zealand
70010	Australia
70011	Ashmore and Cartier Islands
70012	Coral Sea Islands Territory
70013	Christmas Island
70014	Cocos Islands
70020	New Zealand
71000	Pacific Islands
71010	New Caledonia
71012	Papua New Guinea
71013	Solomon Islands
71014	Vanuatu (New Hebrides)

71015	Fiji
71016	Melanesia, ns
71017	Norfolk Islands
71018	Niue
71020	Cook Islands
71022	French Polynesia
71023	Tonga
71024	Wallis and Futuna Islands
71025	Western Samoa
71026	Pitcairn Island
71027	Tokelau
71028	Tuvalu
71029	Polynesia, ns
71032	Kiribati
71033	Canton and Enderbury
71034	Nauru
71039	Micronesia, ns
71040	US Pacific Trust Territories
71041	Marshall Islands
71042	Micronesia
71043	Kosrae
71044	Pohnpei
71045	Truk
71046	Yap
71047	Northern Mariana Islands
71048	Palau
71049	Pacific Trust Terr, ns

71050	Clipperton Island
71090	Oceania, ns/nec
80000	Antarctica, ns/nec
80010	Bouvet Islands
80020	British Antarctic Terr.
80030	Dronning Maud Land
80040	French Southern and Antarctic Lands
80050	Heard and McDonald Islands
90000	Abroad (unknown) or at sea
90010	Abroad, ns
90011	Abroad (US citizen)
90020	At sea
90021	At sea (US citizen)
90022	At sea or abroad (U.S. citizen)
95000	Other n.e.c.
99900	Missing/blank

Variable: "EDUC"

Name:	EDUC
Label:	Educational attainment [general version]
Variable Text:	EDUC indicates respondents' educational attainment, as measured by the highest year of school or degree completed. Note that completion differs from the highest year of school attendance; for example, respondents who attended 10th grade but did not finish were classified in EDUC as having completed 9th grade. For additional detail on grade attendance, see GRADEATT as well as the detailed version of HIGRADE.
Concept:	Education Variables -- PERSON
Start Position:	108
End Position:	109

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

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:	110
End Position:	112
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
000	N/A or no schooling
001	N/A
002	No schooling completed
010	Nursery school to grade 4
011	Nursery school, preschool
012	Kindergarten
013	Grade 1, 2, 3, or 4
014	Grade 1
015	Grade 2
016	Grade 3
017	Grade 4
020	Grade 5, 6, 7, or 8
021	Grade 5 or 6
022	Grade 5
023	Grade 6

024	Grade 7 or 8
025	Grade 7
026	Grade 8
030	Grade 9
040	Grade 10
050	Grade 11
060	Grade 12
061	12th grade, no diploma
062	High school graduate or GED
063	Regular high school diploma
064	GED or alternative credential
065	Some college, but less than 1 year
070	1 year of college
071	1 or more years of college credit, no degree
080	2 years of college
081	Associate's degree, type not specified
082	Associate's degree, occupational program
083	Associate's degree, academic program
090	3 years of college
100	4 years of college
101	Bachelor's degree
110	5+ years of college
111	6 years of college (6+ in 1960-1970)
112	7 years of college
113	8+ years of college
114	Master's degree
115	Professional degree beyond a bachelor's degree

116	Doctoral degree
999	Missing

Variable: "LABFORCE"

Name:	LABFORCE
Label:	Labor force status
Variable Text:	LABFORCE is a dichotomous variable indicating whether a person participated in the labor force. See EMPSTAT for a non-dichotomous variable that indicates whether the respondent was part of the labor force -- working or seeking work -- and, if so, whether the person was currently unemployed.
Concept:	Work Variables -- PERSON
Start Position:	113
End Position:	113
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

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

Variable: "CLASSWKR"

Name:	CLASSWKR
Label:	Class of worker [general version]

Variable Text:	CLASSWKR indicates whether respondents worked for their own enterprise(s) or for someone else as employees. Workers with multiple sources of employment were classified according to the work relationship in which they spent the most time during the reference day or week. As described below, CLASSWKR contains other related information in most years.								
Concept:	Work Variables -- PERSON								
Start Position:	114								
End Position:	114								
Width:	1								
Variable Format:	numeric								
Implied Decimal Places:	0								
Categories									
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>N/A</td></tr> <tr> <td>1</td><td>Self-employed</td></tr> <tr> <td>2</td><td>Works for wages</td></tr> </tbody> </table>		Value	Label	0	N/A	1	Self-employed	2	Works for wages
Value	Label								
0	N/A								
1	Self-employed								
2	Works for wages								

Variable: "CLASSWKRD"

Name:	CLASSWKRD
Label:	Class of worker [detailed version]
Variable Text:	CLASSWKR indicates whether respondents worked for their own enterprise(s) or for someone else as employees. Workers with multiple sources of employment were classified according to the work relationship in which they spent the most time during the reference day or week. As described below, CLASSWKR contains other related information in most years.
Concept:	Work Variables -- PERSON
Start Position:	115
End Position:	116

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

Categories

Value	Label
00	N/A
10	Self-employed
11	Employer
12	Working on own account
13	Self-employed, not incorporated
14	Self-employed, incorporated
20	Works for wages
21	Works on salary (1920)
22	Wage/salary, private
23	Wage/salary at non-profit
24	Wage/salary, government
25	Federal govt employee
26	Armed forces
27	State govt employee
28	Local govt employee
29	Unpaid family worker

Variable: "OCC1990"

Name:	OCC1990

Label:	Occupation, 1990 basis
Variable Text:	<p>OCC1990 is a modified version of the 1990 Census Bureau occupational classification scheme. OCC1990 provides researchers with a consistent classification of occupations using the 1990 coding scheme as its starting point. It spans the period from 1950 forward. Researchers who want consistent occupations prior to 1950 should consult OCC1950.</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.</p> <p>We chose the 1990 coding scheme as the standard for OCC1990 so that no year's occupational data would be forced to bridge both of the two most significant changes in twentieth-century coding schemes: from 1970 to 1980 and from 1990 to 2000. In OCC1990, all samples from 1950 onward bridge no more than one of these major shifts. For this reason, the variable may be preferable to OCC1950 for the samples from 1980 onward. Sensitivity testing suggests that OCC1990 performs very similarly to OCC1950 for most purposes. While the 1990 Census occupation classification system is the basis for OCC1990, we combine several categories to improve the variable's comparability over time. Users are encouraged to review the BLS working paper that describes the variable and how available categories map to 1960-2000 Census occupation codes.</p> <p>Creation of OCC1990</p> <p>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" of the IPUMS documentation.</p> <p>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). In OCC1990, we assign original 2000 OCC values of 33 to 17. We generated the same information for every occupational code in every census year from 1950-2000.</p> <p>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; these are the categories that are used in the IPUMS variable OCC1990. More specifics on their methods and a detailed comparison of OCC1950 and OCC1990 can be found in the resulting BLS working paper.</p> <p>The IPUMS codes differ from those outlined in the BLS working paper in two instances.</p> <p>In the BLS working paper, persons with the occupation of "Parking Enforcement Workers" (2000 code 384) were coded as "Housekeepers, maids, butlers, stewards, and lodging quarters cleaners" (1990 code 405). IPUMS assigns a code of 423 to these cases in OCC1990, which corresponds to "Other law enforcement: sheriffs, bailiffs, correctional institution officers". The double-coded crosswalks from the Census Bureau show that 100% of persons coded as "Parking Enforcement Workers" in 2000 would have been coded as "Other law enforcement: sheriffs, bailiffs, correctional institution officers" under the 1990 coding scheme.</p> <p>The second difference is for code 874 in the 1990 census occupation, which is labeled as "Helper-production worker". The BLS working paper assigns these cases to "Laborers outside construction" (1990 code 889), but separately includes the occupation "Helper-production worker" with a code of 873; note that code 873 for occupation does not exist in the 1990 PUMS. IPUMS retains the original value of 874 with the label of "Helper-production workers" in OCC1990 and does not include an occupation code of 873. While OCC1990 has fewer occupational categories than the original 1990 occupational scheme, users may want to further aggregate categories into the broad occupational categories implicit in the 1990</p>

scheme:

Managerial and Professional (000-200);

Technical, Sales, and Administrative (201-400);

Service (401-470);

Farming, Forestry, and Fishing (471-500);

Precision Production, Craft, and Repairers (501-700);

Operatives and Laborers (701-900);

Non-occupational responses (900-999).

Universe Note: "New Workers" are persons seeking employment for the first time, who had not yet secured their first job.

Concept: Work Variables -- PERSON

Start
Position: 117

End
Position: 119

Width: 3

Variable
Format: numeric

Implied
Decimal
Places: 0

Categories

Value	Label
003	Legislators
004	Chief executives and public administrators
007	Financial managers
008	Human resources and labor relations managers
013	Managers and specialists in marketing, advertising, and public relations
014	Managers in education and related fields
015	Managers of medicine and health occupations
016	Postmasters and mail superintendents

017	Managers of food-serving and lodging establishments
018	Managers of properties and real estate
019	Funeral directors
021	Managers of service organizations, n.e.c.
022	Managers and administrators, n.e.c.
023	Accountants and auditors
024	Insurance underwriters
025	Other financial specialists
026	Management analysts
027	Personnel, HR, training, and labor relations specialists
028	Purchasing agents and buyers, of farm products
029	Buyers, wholesale and retail trade
033	Purchasing managers, agents and buyers, n.e.c.
034	Business and promotion agents
035	Construction inspectors
036	Inspectors and compliance officers, outside construction
037	Management support occupations
043	Architects
044	Aerospace engineer
045	Metallurgical and materials engineers, variously phrased
047	Petroleum, mining, and geological engineers
048	Chemical engineers
053	Civil engineers
055	Electrical engineer
056	Industrial engineers
057	Mechanical engineers

059	Not-elsewhere-classified engineers
064	Computer systems analysts and computer scientists
065	Operations and systems researchers and analysts
066	Actuaries
067	Statisticians
068	Mathematicians and mathematical scientists
069	Physicists and astronomers
073	Chemists
074	Atmospheric and space scientists
075	Geologists
076	Physical scientists, n.e.c.
077	Agricultural and food scientists
078	Biological scientists
079	Foresters and conservation scientists
083	Medical scientists
084	Physicians
085	Dentists
086	Veterinarians
087	Optometrists
088	Podiatrists
089	Other health and therapy
095	Registered nurses
096	Pharmacists
097	Dietitians and nutritionists
098	Respiratory therapists
099	Occupational therapists
103	Physical therapists

104	Speech therapists
105	Therapists, n.e.c.
106	Physicians' assistants
113	Earth, environmental, and marine science instructors
114	Biological science instructors
115	Chemistry instructors
116	Physics instructors
118	Psychology instructors
119	Economics instructors
123	History instructors
125	Sociology instructors
127	Engineering instructors
128	Math instructors
139	Education instructors
145	Law instructors
147	Theology instructors
149	Home economics instructors
150	Humanities profs/instructors, college, nec
154	Subject instructors (HS/college)
155	Kindergarten and earlier school teachers
156	Primary school teachers
157	Secondary school teachers
158	Special education teachers
159	Teachers , n.e.c.
163	Vocational and educational counselors
164	Librarians

165	Archivists and curators
166	Economists, market researchers, and survey researchers
167	Psychologists
168	Sociologists
169	Social scientists, n.e.c.
173	Urban and regional planners
174	Social workers
175	Recreation workers
176	Clergy and religious workers
178	Lawyers
179	Judges
183	Writers and authors
184	Technical writers
185	Designers
186	Musician or composer
187	Actors, directors, producers
188	Art makers: painters, sculptors, craft-artists, and print-makers
189	Photographers
193	Dancers
194	Art/entertainment performers and related
195	Editors and reporters
198	Announcers
199	Athletes, sports instructors, and officials
200	Professionals, n.e.c.
203	Clinical laboratory technologies and technicians
204	Dental hygienists
205	Health record tech specialists

206	Radiologic tech specialists
207	Licensed practical nurses
208	Health technologists and technicians, n.e.c.
213	Electrical and electronic (engineering) technicians
214	Engineering technicians, n.e.c.
215	Mechanical engineering technicians
217	Drafters
218	Surveyors, cartographers, mapping scientists and technicians
223	Biological technicians
224	Chemical technicians
225	Other science technicians
226	Airplane pilots and navigators
227	Air traffic controllers
228	Broadcast equipment operators
229	Computer software developers
233	Programmers of numerically controlled machine tools
234	Legal assistants, paralegals, legal support, etc
235	Technicians, n.e.c.
243	Supervisors and proprietors of sales jobs
253	Insurance sales occupations
254	Real estate sales occupations
255	Financial services sales occupations
256	Advertising and related sales jobs
258	Sales engineers
274	Salespersons, n.e.c.
275	Retail sales clerks

276	Cashiers
277	Door-to-door sales, street sales, and news vendors
283	Sales demonstrators / promoters / models
303	Office supervisors
308	Computer and peripheral equipment operators
313	Secretaries
314	Stenographers
315	Typists
316	Interviewers, enumerators, and surveyors
317	Hotel clerks
318	Transportation ticket and reservation agents
319	Receptionists
323	Information clerks, nec
326	Correspondence and order clerks
328	Human resources clerks, except payroll and timekeeping
329	Library assistants
335	File clerks
336	Records clerks
337	Bookkeepers and accounting and auditing clerks
338	Payroll and timekeeping clerks
343	Cost and rate clerks (financial records processing)
344	Billing clerks and related financial records processing
345	Duplication machine operators / office machine operators
346	Mail and paper handlers
347	Office machine operators, n.e.c.
348	Telephone operators
349	Other telecom operators

354	Postal clerks, excluding mail carriers
355	Mail carriers for postal service
356	Mail clerks, outside of post office
357	Messengers
359	Dispatchers
361	Inspectors, n.e.c.
364	Shipping and receiving clerks
365	Stock and inventory clerks
366	Meter readers
368	Weighers, measurers, and checkers
373	Material recording, scheduling, production, planning, and expediting clerks
375	Insurance adjusters, examiners, and investigators
376	Customer service reps, investigators and adjusters, except insurance
377	Eligibility clerks for government programs; social welfare
378	Bill and account collectors
379	General office clerks
383	Bank tellers
384	Proofreaders
385	Data entry keyers
386	Statistical clerks
387	Teacher's aides
389	Administrative support jobs, n.e.c.
405	Housekeepers, maids, butlers, stewards, and lodging quarters cleaners
407	Private household cleaners and servants
415	Supervisors of guards
417	Fire fighting, prevention, and inspection

418	Police, detectives, and private investigators
423	Other law enforcement: sheriffs, bailiffs, correctional institution officers
425	Crossing guards and bridge tenders
426	Guards, watchmen, doorkeepers
427	Protective services, n.e.c.
434	Bartenders
435	Waiter/waitress
436	Cooks, variously defined
438	Food counter and fountain workers
439	Kitchen workers
443	Waiter's assistant
444	Misc food prep workers
445	Dental assistants
446	Health aides, except nursing
447	Nursing aides, orderlies, and attendants
448	Supervisors of cleaning and building service
453	Janitors
454	Elevator operators
455	Pest control occupations
456	Supervisors of personal service jobs, n.e.c.
457	Barbers
458	Hairdressers and cosmetologists
459	Recreation facility attendants
461	Guides
462	Ushers
463	Public transportation attendants and inspectors
464	Baggage porters

465	Welfare service aides
468	Child care workers
469	Personal service occupations, nec
473	Farmers (owners and tenants)
474	Horticultural specialty farmers
475	Farm managers, except for horticultural farms
476	Managers of horticultural specialty farms
479	Farm workers
483	Marine life cultivation workers
484	Nursery farming workers
485	Supervisors of agricultural occupations
486	Gardeners and groundskeepers
487	Animal caretakers except on farms
488	Graders and sorters of agricultural products
489	Inspectors of agricultural products
496	Timber, logging, and forestry workers
498	Fishers, hunters, and kindred
503	Supervisors of mechanics and repairers
505	Automobile mechanics
507	Bus, truck, and stationary engine mechanics
508	Aircraft mechanics
509	Small engine repairers
514	Auto body repairers
516	Heavy equipment and farm equipment mechanics
518	Industrial machinery repairers
519	Machinery maintenance occupations

523	Repairers of industrial electrical equipment
525	Repairers of data processing equipment
526	Repairers of household appliances and power tools
527	Telecom and line installers and repairers
533	Repairers of electrical equipment, n.e.c.
534	Heating, air conditioning, and refrigeration mechanics
535	Precision makers, repairers, and smiths
536	Locksmiths and safe repairers
538	Office machine repairers and mechanics
539	Repairers of mechanical controls and valves
543	Elevator installers and repairers
544	Millwrights
549	Mechanics and repairers, n.e.c.
558	Supervisors of construction work
563	Masons, tilers, and carpet installers
567	Carpenters
573	Drywall installers
575	Electricians
577	Electric power installers and repairers
579	Painters, construction and maintenance
583	Paperhangers
584	Plasterers
585	Plumbers, pipe fitters, and steamfitters
588	Concrete and cement workers
589	Glaziers
593	Insulation workers
594	Paving, surfacing, and tamping equipment operators

595	Roofers and slaters
596	Sheet metal duct installers
597	Structural metal workers
598	Drillers of earth
599	Construction trades, n.e.c.
614	Drillers of oil wells
615	Explosives workers
616	Miners
617	Other mining occupations
628	Production supervisors or foremen
634	Tool and die makers and die setters
637	Machinists
643	Boilermakers
644	Precision grinders and filers
645	Patternmakers and model makers
646	Lay-out workers
649	Engravers
653	Tinsmiths, coppermiths, and sheet metal workers
657	Cabinetmakers and bench carpenters
658	Furniture and wood finishers
659	Other precision woodworkers
666	Dressmakers and seamstresses
667	Tailors
668	Upholsterers
669	Shoe repairers
674	Other precision apparel and fabric workers

675	Hand molders and shapers, except jewelers
677	Optical goods workers
678	Dental laboratory and medical appliance technicians
679	Bookbinders
684	Other precision and craft workers
686	Butchers and meat cutters
687	Bakers
688	Batch food makers
693	Adjusters and calibrators
694	Water and sewage treatment plant operators
695	Power plant operators
696	Plant and system operators, stationary engineers
699	Other plant and system operators
703	Lathe, milling, and turning machine operatives
706	Punching and stamping press operatives
707	Rollers, roll hands, and finishers of metal
708	Drilling and boring machine operators
709	Grinding, abrading, buffing, and polishing workers
713	Forge and hammer operators
717	Fabricating machine operators, n.e.c.
719	Molders, and casting machine operators
723	Metal platers
724	Heat treating equipment operators
726	Wood lathe, routing, and planing machine operators
727	Sawing machine operators and sawyers
728	Shaping and joining machine operator (woodworking)
729	Nail and tacking machine operators (woodworking)

733	Other woodworking machine operators
734	Printing machine operators, n.e.c.
735	Photoengravers and lithographers
736	Typesetters and compositors
738	Winding and twisting textile/apparel operatives
739	Knitters, loopers, and toppers textile operatives
743	Textile cutting machine operators
744	Textile sewing machine operators
745	Shoemaking machine operators
747	Pressing machine operators (clothing)
748	Laundry workers
749	Misc textile machine operators
753	Cementing and gluing maching operators
754	Packers, fillers, and wrappers
755	Extruding and forming machine operators
756	Mixing and blending machine operatives
757	Separating, filtering, and clarifying machine operators
759	Painting machine operators
763	Roasting and baking machine operators (food)
764	Washing, cleaning, and pickling machine operators
765	Paper folding machine operators
766	Furnace, kiln, and oven operators, apart from food
768	Crushing and grinding machine operators
769	Slicing and cutting machine operators
773	Motion picture projectionists
774	Photographic process workers

779	Machine operators, n.e.c.
783	Welders and metal cutters
784	Solderers
785	Assemblers of electrical equipment
789	Hand painting, coating, and decorating occupations
796	Production checkers and inspectors
799	Graders and sorters in manufacturing
803	Supervisors of motor vehicle transportation
804	Truck, delivery, and tractor drivers
808	Bus drivers
809	Taxi cab drivers and chauffeurs
813	Parking lot attendants
823	Railroad conductors and yardmasters
824	Locomotive operators (engineers and firemen)
825	Railroad brake, coupler, and switch operators
829	Ship crews and marine engineers
834	Water transport infrastructure tenders and crossing guards
844	Operating engineers of construction equipment
848	Crane, derrick, winch, and hoist operators
853	Excavating and loading machine operators
859	Misc material moving occupations
865	Helpers, constructions
866	Helpers, surveyors
869	Construction laborers
874	Production helpers
875	Garbage and recyclable material collectors
876	Materials movers: stevedores and longshore workers

877	Stock handlers
878	Machine feeders and offbearers
883	Freight, stock, and materials handlers
885	Garage and service station related occupations
887	Vehicle washers and equipment cleaners
888	Packers and packagers by hand
889	Laborers outside construction
905	Military
991	Unemployed
999	Unknown

Variable: "WKSWORK1"

Name:	WKSWORK1
Label:	Weeks worked last year
Variable Text:	WKSWORK1 reports the number of weeks that the respondent worked for profit, pay, or as an unpaid family worker during the previous year. For the census, the reference period is the previous calendar year; for the ACS and the PRCS, the reference period is the previous 12 months. For employers, WKSWORK1 covers all weeks that the business or farm was in operation, even if the employer was absent. For all other workers, the total includes paid vacations and other paid absences. See EMPSTAT and CLASSWKR for definitions of key labor force and employment terminology.
Concept:	Work Variables -- PERSON
Start Position:	120
End Position:	121
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

Coder Instructions:	<p>CodesWKSWORK1 is a 2-digit numeric variable that reports the number of weeks that the respondent worked for profit, pay, or as an unpaid family worker during the previous year. For the census, the reference period is the previous calendar year; for the ACS and the PRCS, the reference period is the previous 12 months. For employers, WKSWORK1 covers all weeks that the business or farm was in operation, even if the employer was absent. For all other workers, the total includes paid vacations and other paid absences. See EMPSTAT and CLASSWKR for definitions of key labor force and employment terminology. WKSWORK1 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>WKSWORK1 Specific Variable Codes 00 = N/A</p>
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Variable: "WKSWORK2"

Name:	WKSWORK2
Label:	Weeks worked last year, intervalled
Variable Text:	<p>WKSWORK2, like WKSWORK1, reports the number of weeks that the respondent worked for profit, pay, or as an unpaid family worker during the previous year. For the census, the reference period is the previous calendar year; for the ACS, the reference period is the previous 12 months. WKSWORK2 differs from WKSWORK1 in that responses are given in intervals (1-13 weeks, 14-26 weeks, and so on), instead of the precise number of weeks. This is because the 1960 and 1970 samples recorded weeks worked only in intervals. For the other years contained in WKSWORK2 (the 1940-1950 and 1980-2000 censuses, the ACS, and the PRCS), the exact number of weeks worked is recorded in WKSWORK1.</p> <p>For further discussion, see the WKSWORK1 variable description. See EMPSTAT for definitions of key labor force and employment terminology.</p>
Concept:	Work Variables -- PERSON
Start Position:	122
End Position:	122
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
0	N/A

1	1-13 weeks
2	14-26 weeks
3	27-39 weeks
4	40-47 weeks
5	48-49 weeks
6	50-52 weeks

Variable: "UHRSWORK"

Name:	UHRSWORK
Label:	Usual hours worked per week
Variable Text:	UHRSWORK reports the number of hours per week that the respondent usually worked, if the person worked during the previous year. The census inquiry relates to the previous calendar year, while the ACS and the PRCS uses the previous 12 months as the reference period.
Concept:	Work Variables -- PERSON
Start Position:	123
End Position:	124
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
00	N/A
01	1
02	2

03	3
04	4
05	5
06	6
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98	98
99	99 (Topcode)

Variable: "INCWAGE"

Name:	INCWAGE
Label:	Wage and salary income
Variable Text:	<p>INCWAGE reports each respondent's total pre-tax wage and salary income - that is, money received as an employee - for the previous year. The censuses collected information on income received from these sources during the previous calendar year; for the ACS and the PRCS, the reference period was the past 12 months. Sources of income in INCWAGE include wages, salaries, commissions, cash bonuses, tips, and other money income received from an employer. Payments-in-kind or reimbursements for business expenses are not included. See the comparability discussion below for further information.</p> <p>Amounts are expressed in contemporary dollars, and users studying change over time must adjust for inflation (See INCTOT for Consumer Price Index adjustment factors). The exception is the ACS/PRCS multi-year files, where all dollar amounts have been standardized to dollars as valued in the final year of data included in the file (e.g., 2007</p>

	<p>dollars for the 2005-2007 3-year file). Additionally, more detail may be available than exists in the original ACS samples.</p> <p>User Note: ACS respondents are surveyed throughout the year, and amounts do not reflect calendar year dollars. While the Census Bureau provides an adjustment factor (available in ADJUST), this is an imperfect solution. See the ACS income variables note for further details.</p>
Concept:	Income Variables -- PERSON
Start Position:	125
End Position:	130
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>CodesINCWAGE is a 7-digit numeric code reporting each respondent's total pre-tax wage and salary income - that is, money received as an employee - for the previous year. INCWAGE specific variable codes for missing, edited, or unidentified observations, observations not applicable (N/A), observations not in universe (NIU), top and bottom value coding, etc. are provided below by Census year (and data sample if specified).</p> <p>User Note: Amounts are expressed in contemporary dollars, and users studying change over time must adjust for inflation (See Description).</p> <p>INCWAGE Specific Variable Codes 999999 = N/A 999998 = Missing</p> <pre>* .indent { text-indent: 10px; }</pre> <pre>* .lrgindent { text-indent: 85px; }</pre> <p>INCWAGE</p> <p>Census Top Code</p> <p>1940 \$5,001</p> <p>1950</p>

\$10,000

1960

\$25,000

1970

\$50,000

1980

\$75,000

1990

 \$140,000*

2000

 \$175,000**

ACS (2000-2002)

 \$200,000**

ACS (2003-onward)

 99.5th Percentile in State**

 PRCS (2005-onward)

 99.5th Percentile in State**