

User Extract cps\_00051.dat

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- 2. [Study Description](#)
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§ 1. Document Description

Citation

Title Statement	
Title:	Codebook for an IPUMS CPS Data Extract
Subtitle:	DDI 2.5 metadata describing the extract file 'cps_00051.dat'
Identification Number:	ddi2-b1e74290-d628-013b-f7fc-0242ac140004-cps_00051.dat-cps.ipums.org
Responsibility Statement	
Authoring Entity:	IPUMS
Affiliation:	University of Minnesota
Production Statement	
Producer:	IPUMS
Affiliation:	University of Minnesota
Role:	Documentation
Date of Production:	August 4, 2025
Place of Production:	IPUMS, 50 Willey Hall, 225 - 19th Avenue South, Minneapolis, MN 55455
Distribution Statement	
Contact Persons:	IPUMS

Affiliation:	University of Minnesota
URI:	<a href="https://ipums.org">https://ipums.org</a>

§ 2. Study Description

Citation

Title Statement	
Title:	User Extract cps_00051.dat
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URI:	<a href="https://ipums.org">https://ipums.org</a>
Version Statement	
Date:	2025-08-04

Study Scope

Subject Information
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Topic Classification:	Technical Variables -- HOUSEHOLD
	Linking Variables -- HOUSEHOLD
	Geographic Variables -- HOUSEHOLD
	Economic Characteristics Variables -- HOUSEHOLD
	Technical Variables -- PERSON
	Linking Variables -- PERSON
	Demographics Variables -- PERSON
	Family Interrelationships Variables -- PERSON
	Income Variables -- PERSON
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Time Period:	2022-03
Country:	United States

Summary Data Description	
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Summary Data Description	
Time Period:	2024-03
Country:	United States
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## Data Access - Use Statement

### Confidentiality Declaration

None	
Contact Persons:	IPUMS CPS
Affiliation:	IPUMS
URI:	<a href="http://cps.ipums.org/">http://cps.ipums.org/</a>
<b>Citation Requirement</b>	
<p>Publications and research reports based on the IPUMS CPS database must cite it appropriately. The citation should include the following:</p> <p>Sarah Flood, Miriam King, Renae Rodgers, Steven Ruggles, J. Robert Warren, Daniel Backman, Annie Chen, Grace Cooper, Stephanie Richards, Megan Schouweiler, and Michael Westberry. IPUMS CPS: Version 12.0 [dataset]. Minneapolis, MN: IPUMS, 2024. <a href="https://doi.org/10.18128/D030.V12.0">https://doi.org/10.18128/D030.V12.0</a></p> <p>The licensing agreement for use of IPUMS CPS 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: <a href="http://bibliography.ipums.org/">http://bibliography.ipums.org/</a></p>	
<b>Conditions</b>	
<p>Users of IPUMS CPS 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. All persons are granted a limited license to use these data, but you may not charge a fee for the data if you distribute it to others.</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 CPS 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) Use it for GOOD -- never for EVIL.</p>	
<b>Disclaimer</b>	
<p>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.</p>	

§ 3. File Description

File

File Name:	cps_00051.dat
Contents of Files:	Microdata records



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

## § 4. Variable Description

### Jump to Variable

1. [YEAR](#) (Survey year)
2. [SERIAL](#) (Household serial number)
3. [MONTH](#) (Month)
4. [CPSID](#) (CPSID, household record)
5. [ASECFLAG](#) (Flag for ASEC)
6. [HFLAG](#) (Flag for the 3/8 file 2014)
7. [ASECWTH](#) (Annual Social and Economic Supplement Household weight)
8. [HHINTYPE](#) (Type of household)
9. [REGION](#) (Region and division)
10. [STATEFIP](#) (State (FIPS code))
11. [METRO](#) (Metropolitan and central/principal city status)
12. [OWNERSHP](#) (Ownership of dwelling)
13. [HHINCOME](#) (Total household income)
14. [PERNUM](#) (Person number in sample unit)
15. [CPSIDP](#) (CPSID, person record)
16. [CPSIDV](#) (Validated Longitudinal Identifier)
17. [ASECWT](#) (Annual Social and Economic Supplement Weight)
18. [RELATE](#) (Relationship to household head)
19. [AGE](#) (Age)
20. [SEX](#) (Sex)
21. [RACE](#) (Race)
22. [MARST](#) (Marital status)
23. [FAMSIZE](#) (Number of own family members in hh)
24. [NCHILD](#) (Number of own children in household)
25. [FTOTVAL](#) (Total family income)
26. [INCTOT](#) (Total personal income)
27. [INCWAGE](#) (Wage and salary income)

### Variable: "YEAR"

Name:	YEAR
Label:	Survey year

Variable Text:	YEAR reports the year in which the survey was conducted. YEARP is repeated on person records.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	1
End Position:	4
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesYEAR is a 4-digit numeric value.

### Variable: "SERIAL"

Name:	SERIAL
Label:	Household serial number
Variable Text:	<p>SERIAL is an identifying number unique to each household in a given survey month and year. All person records are assigned the same serial number as the household record they follow. A combination of YEAR, MONTH, and SERIAL provides a within-sample unique identifier for every household in IPUMS-CPS; YEAR, MONTH, SERIAL, and PERNUM uniquely identify every person within a single sample.</p> <p>SERIAL is a new value generated for IPUMS-CPS and should not be confused with the household serial number created by the Census Bureau and included in the original CPS data.</p>
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	5
End Position:	9
Width:	5
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesSERIAL is a 5-digit numeric variable.

**Variable: "MONTH"**

Name:	MONTH
Label:	Month
Variable Text:	MONTH indicates the calendar month of the CPS interview.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	10
End Position:	11
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
01	January
02	February
03	March
04	April
05	May
06	June
07	July
08	August
09	September
10	October
11	November
12	December

**Variable: "CPSID"**

Name:	CPSID
Label:	CPSID, household record
Variable Text:	<p>CPSID is an IPUMS-CPS defined variable that uniquely identifies households across CPS samples. The first six digits of CPSID index the four-digit year and two-digit month that the household was first in the CPS. CPSID allows users to link a household record across samples, based on the 4-8-4 rotation pattern, by assigning a unique CPSID value based on a combination of household identifiers. CPSID will only ever appear for a maximum of 8 times, which is the number of times a household may be observed in the CPS survey (as indexed by MISH). In some cases, a household will appear fewer than 8 times due to migration, mortality, non-response, and recording errors. CPSID Extensive documentation about the creation of CPSID is available elsewhere.</p> <p>CPSID may also be used to link ASEC households that appear in the March Basic Monthly file to other months of CPS data. This linking is made possible by IPUMS through the creation of MARBASECIDH. For further information about the relationship between the March Basic and the ASEC, please see our additional documentation.</p> <p>Households that are part of the ASEC oversample (as indicated by ASECOVERH) may also be linked across ASEC samples, but not to the March or any other Basic Monthly sample. Note that MISH is not a reliable indicator of rotation pattern status for ASEC oversample records and should not be used to validate matches. For further information on linking records across ASEC samples, please see our additional documentation.</p> <p>Users may also want to see CPSIDP and CPSIDV for more information about linking individuals across time using a person-specific version of CPSID.</p>
Concept:	Linking Variables -- HOUSEHOLD
Start Position:	12
End Position:	25
Width:	14
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesCPSID is a 14-digit numeric variable.

**Variable: "ASECFLAG"**

Name:	ASECFLAG
Label:	Flag for ASEC

Variable Text:	ASECFLAG indicates whether the respondent is part of the ASEC or the March Basic. This variable is useful for users who wish to distinguish ASEC and March Basic files in their extracts. See further information about the ASEC versus the March Basic Monthly Files.						
Concept:	Technical Variables -- HOUSEHOLD						
Start Position:	26						
End Position:	26						
Width:	1						
Variable Format:	numeric						
Implied Decimal Places:	0						
<b>Categories</b>							
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>1</td><td>ASEC</td></tr> <tr> <td>2</td><td>March Basic</td></tr> </tbody> </table>		Value	Label	1	ASEC	2	March Basic
Value	Label						
1	ASEC						
2	March Basic						

**Variable: "HFLAG"**

Name:	HFLAG
Label:	Flag for the 3/8 file 2014
Variable Text:	HFLAG indicates whether the respondent is part of the 3/8 redesign in the 2014 ASEC sample. This variable is useful for users who wish to analyze income and SPM variables in the 2014 ASEC sample. See further information about the 2014 survey redesign.
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	27
End Position:	27
Width:	1

Variable Format:	numeric						
Implied Decimal Places:	0						
<b>Categories</b>							
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>0</td><td>5/8 file</td></tr> <tr> <td>1</td><td>3/8 file</td></tr> </tbody> </table>		Value	Label	0	5/8 file	1	3/8 file
Value	Label						
0	5/8 file						
1	3/8 file						

**Variable: "ASECWTH"**

Name:	ASECWTH
Label:	Annual Social and Economic Supplement Household weight
Variable Text:	<p>ASECWTH is a household-level weight that should be used to generate statistics about households in March Annual Social and Economic (ASEC) Supplement data. The CPS uses a complex stratified sampling scheme, and ASECWTH must be used to produce unbiased household-level statistics from the IPUMS-CPS ASEC data. For analyses of non-ASEC data, researchers should use HWTFINL. For individual-level analyses, researchers should use WTFINL, ASECWTH, or EARNWT.</p> <p>ASECWTH generally has the same value as WTSUPP for the household head or reference person. Vacant housing units and households that could not be interviewed due to residents' absence or refusal to participate have a value of zero in HWTFINL; such sampled units were included in the public use CPS data beginning in 1988.</p> <p>Estimates on the entire population are prepared by projecting forward the resident population from the last available census. These projections are derived by updating the demographic census data from a number of other data sources that account for death, births and net migration. About 3 years after every census (i.e. 2003 for the 2000 Census and 2013 for the 2010 Census), the Census Bureau updates its independent population control and provides a new weight for the relevant years.</p> <p>Two important points should be noted here. First, the lag between when the Census is conducted and when the CPS weights are updated is about 3 years. While the Census data are being processed, the CPS files are made available using the weighting scheme from the US Census prior to the latest Census. Second, once the files are updated, the old weights become obsolete and are replaced in the IPUMS data extract system. Published estimates from the lag years that use the old weights are not always updated. For example, 2010 poverty estimates were released in ASEC using the 2000 population controls. Once the 2010 population controls were made available, IPUMS-CPS replaced the ASEC 2010, 2011, and 2012 weights that are based on the 2000 population control with weights that are based on the 2010 population controls.</p> <p>IPUMS-CPS makes available only the most up-to-date weights. The old values are available here: <a href="#">Old SPM and Weights Values</a>.</p>

Concept:	Technical Variables -- HOUSEHOLD
Start Position:	28
End Position:	38
Width:	11
Variable Format:	numeric
Implied Decimal Places:	4
Coder Instructions:	CodesASECWTH is a 10-digit numeric variable with four implied decimals. That is, 1234567890 should be interpreted as 123456.7890. The IPUMS command files automatically divide ASECWTH by 10,000, so no further adjustment is needed.

### Variable: "HHINTYPE"

Name:	HHINTYPE
Label:	Type of household
Variable Text:	<p>HHINTYPE is a household-level variable indicating whether members of the household were interviewed and, if not, why no interview took place. Type A nonresponse households represent housing units suitable for inclusion in the survey whose residents were not interviewed for reasons such as refusal to participate and temporary absence. Type B nonresponse households were vacant or were occupied by persons ineligible for interview (e.g., institutionalized persons). Type C nonresponse households were housing units that were demolished, converted to storage or business use, or included in the sample by mistake.</p> <p>Sampling for the CPS is based on housing units (addresses) rather than persons. For this reason, interviewers necessarily initially visit some unoccupied or uninhabitable dwellings. Participation in the survey is voluntary, rather than required by law, and institutionalized persons are intentionally excluded.</p>
Concept:	Technical Variables -- HOUSEHOLD
Start Position:	39
End Position:	39
Width:	1
Variable Format:	numeric

Implied Decimal Places:	0								
<b>Categories</b>									
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>1</td><td>Interview</td></tr> <tr> <td>2</td><td>Type A non-interview</td></tr> <tr> <td>3</td><td>Type B/C non-interview</td></tr> </tbody> </table>		Value	Label	1	Interview	2	Type A non-interview	3	Type B/C non-interview
Value	Label								
1	Interview								
2	Type A non-interview								
3	Type B/C non-interview								

**Variable: "REGION"**

Name:	REGION
Label:	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 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, 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>
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	40
End Position:	41



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

### Categories

Value	Label
11	New England Division
12	Middle Atlantic Division
21	East North Central Division
22	West North Central Division
31	South Atlantic Division
32	East South Central Division
33	West South Central Division
41	Mountain Division
42	Pacific Division
97	State not identified

### Variable: "STATEFIP"

Name:	STATEFIP
Label:	State (FIPS code)
Variable Text:	<p>STATEFIP identifies the household's state of residence, using the Federal Information Processing Standards (FIPS) coding scheme, which orders the states alphabetically.</p> <p>In 1973-1975 ASEC samples, all households in the Anaheim-Santa Ana-Garden Grove, CA METAREA are coded as Michigan-Wisconsin for STATEFIP in the original data. As there is insufficient geographic information in the public use data to determine which variable is in error, this mistake has been left un-recoded.</p>
Concept:	Geographic Variables -- HOUSEHOLD

Start Position:	42
End Position:	43
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
01	Alabama
02	Alaska
04	Arizona
05	Arkansas
06	California
08	Colorado
09	Connecticut
10	Delaware
11	District of Columbia
12	Florida
13	Georgia
15	Hawaii
16	Idaho
17	Illinois
18	Indiana

19	Iowa
20	Kansas
21	Kentucky
22	Louisiana
23	Maine
24	Maryland
25	Massachusetts
26	Michigan
27	Minnesota
28	Mississippi
29	Missouri
30	Montana
31	Nebraska
32	Nevada
33	New Hampshire
34	New Jersey
35	New Mexico
36	New York
37	North Carolina
38	North Dakota
39	Ohio
40	Oklahoma
41	Oregon
42	Pennsylvania
44	Rhode Island

45	South Carolina
46	South Dakota
47	Tennessee
48	Texas
49	Utah
50	Vermont
51	Virginia
53	Washington
54	West Virginia
55	Wisconsin
56	Wyoming
61	Maine-New Hampshire-Vermont
65	Montana-Idaho-Wyoming
68	Alaska-Hawaii
69	Nebraska-North Dakota-South Dakota
70	Maine-Massachusetts-New Hampshire-Rhode Island-Vermont
71	Michigan-Wisconsin
72	Minnesota-Iowa
73	Nebraska-North Dakota-South Dakota-Kansas
74	Delaware-Virginia
75	North Carolina-South Carolina
76	Alabama-Mississippi
77	Arkansas-Oklahoma
78	Arizona-New Mexico-Colorado
79	Idaho-Wyoming-Utah-Montana-Nevada

80	Alaska-Washington-Hawaii
81	New Hampshire-Maine-Vermont-Rhode Island
83	South Carolina-Georgia
84	Kentucky-Tennessee
85	Arkansas-Louisiana-Oklahoma
87	Iowa-N Dakota-S Dakota-Nebraska-Kansas-Minnesota-Missouri
88	Washington-Oregon-Alaska-Hawaii
89	Montana-Wyoming-Colorado-New Mexico-Utah-Nevada-Arizona
90	Delaware-Maryland-Virginia-West Virginia
99	State not identified

### Variable: "METRO"

Name:	METRO
Label:	Metropolitan and central/principal city status
Variable Text:	METRO indicates whether a household resided in a metropolitan area. For households within metropolitan areas, METRO also indicates whether the housing unit was inside or outside of a central/principal city. The Census Bureau adds this information itself and does not collect it directly from respondents.
Concept:	Geographic Variables -- HOUSEHOLD
Start Position:	44
End Position:	44
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
0	Not identified
1	Not in metropolitan area
2	In central/principal city
3	Not in central/principal city
4	Central/principal city status not identified
9	Missing/unknown

## Variable: "OWNERSHP"

Name:	OWNERSHP
Label:	Ownership of dwelling
Variable Text:	<p>OWNERSHP indicates whether the household rented or owned its housing unit. Households that acquired their unit with a mortgage or other lending arrangement were understood to "own" their unit even if they had not yet completed repayment.</p> <p>Two types of renters were identified: those who paid cash rent and those who paid no cash rent. The latter category included occupants who paid only for their utilities.</p>
Concept:	Economic Characteristics Variables -- HOUSEHOLD
Start Position:	45
End Position:	46
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
-------	-------

00	NIU
10	Owned or being bought
21	No cash rent
22	With cash rent

**Variable: "HHINCOME"**

Name:	HHINCOME
Label:	Total household income
Variable Text:	HHINCOME reports the total money income during the previous calendar year of all adult household members. The amount should equal the sum of all household members' individual incomes as recorded in the IPUMS-CPS variable INCTOT. The persons included were those present in the household at the time of the survey. People who lived in the household during the previous year but were not still living there at the time of the survey are not included; household members who lived elsewhere during the previous year but had joined the household at the time of the survey are included.
Concept:	Economic Characteristics Variables -- HOUSEHOLD
Start Position:	47
End Position:	54
Width:	8
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	Codes99999999 = N.I.U. (Not in Universe).

**Variable: "PERNUM"**

Name:	PERNUM
Label:	Person number in sample unit

Variable Text:	PERNUM numbers all persons within each household consecutively (starting with "1") in the order in which they are listed in the original CPS data. When combined with YEAR , MONTH, and SERIAL, PERNUM uniquely identifies each person within IPUMS-CPS samples, though not across IPUMS-CPS samples.
Concept:	Technical Variables -- PERSON
Start Position:	55
End Position:	56
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesPERNUM is a 2-digit numeric variable.

### Variable: "CPSIDP"

Name:	CPSIDP
Label:	CPSID, person record
Variable Text:	<p>CPSIDP is an IPUMS CPS defined variable that uniquely identifies individuals across CPS samples. The first six digits of CPSIDP index the four-digit year and two-digit month that the household was first in the CPS. CPSIDP allows users to link a respondent appearing with a designated household roster line number (LINENO) across samples, based on the 4-8-4 rotation pattern, by assigning a unique CPSIDP value to this line number. CPSIDP will only ever appear for a maximum of 8 times, which is the number of times a household may be observed in the CPS survey (as indexed by MISH). In some cases, individuals will appear fewer than 8 times due to migration, mortality, non-response, and recording errors. Extensive documentation about the creation of CPSIDP is available elsewhere.</p> <p>To get started using CPSIDP, users may want to sort their data file by CPSIDP and MISH to create a person-time file.</p> <p>Users should note that it is important to verify CPSIDP linkages with AGE, SEX, and RACE. In some cases CPSIDP will result in erroneous links, which are due to errors in the source data. Cases with the same CPSIDP value may also have inconsistent responses across samples due to errors on the part of the respondent or in recording the response. Ultimately, it is up to the individual researcher to determine the acceptability of the linkages made using CPSIDP. IPUMS CPS also offers CPSIDV which creates linkages across months that have been validated based on demographic characteristics.</p> <p>CPSIDP may also be used to link ASEC respondents who are in the March Basic Monthly file to other months of CPS data. This linking is made possible by IPUMS through the creation of MARBASECIDP. For further information about the relationship between the March Basic and the ASEC, please see our additional documentation.</p> <p>Respondents who are part of the ASEC oversample (as indicated by ASECOVERP) may</p>



	also be linked across ASEC samples, but not to the March or any other Basic Monthly sample. Note also that MISH is not a reliable indicator of rotation pattern status for ASEC oversample records and should not be used to validate matches. For further information on linking records across ASEC samples, please see our additional documentation.
Concept:	Linking Variables -- PERSON
Start Position:	57
End Position:	70
Width:	14
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesCPSIDP is a 14-digit numeric variable.

### Variable: "CPSIDV"

Name:	CPSIDV
Label:	Validated Longitudinal Identifier
Variable Text:	<p>CPSIDV is an IPUMS CPS-created variable that uniquely identifies individuals across CPS samples. In addition to linking records across the CPS 4-8-4 rotation pattern, CPSIDV only makes links between those records whose SEX and RACE values do not change and whose AGE values change in expected ways over time.</p> <p>CPSIDV is based on CPSIDP and so there are some structural similarities between them. The first six digits of CPSIDV are identical to CPSIDP - the four-digit year and two-digit month that the household was first in the CPS. Like CPSIDP, CPSIDV allows users to link a respondent appearing with a designated household roster line number (LINENO) across samples, based on the 4-8-4 rotation pattern.</p> <p>Only records that link using CPSIDP that also have consistent race and sex values and age values that increase at least one but not more than two years over the course of the 16-month CPS rotation are linkable using CPSIDV. As a result, linkage rates using CPSIDV are slightly lower than those achieved using CPSIDP. However, linkages created with CPSIDV do not require the recommended post-linking verification steps recommended for use with CPSIDP links. Users should note that original, unharmonized values of age, sex, and race are used in the creation of CPSIDV. The procedure and validation criteria for creating CPSIDV are described in detail in A Holistic Approach to Validating Current Population Survey Panel Data.</p> <p>To get started using CPSIDV, users may want to sort their data file by CPSIDV and MISH to create a person-time file.</p> <p>CPSIDV may also be used to link ASEC respondents across years. This linking is made possible, in part, by IPUMS through the creation of MARBASECIDP. For further information about the relationship between the March Basic and the ASEC, please see our additional documentation. In addition, persons in the ASEC oversample (as indicated by</p>

	<p>ASECOVERP) can be linked across ASEC samples using CPSIDV. Note however, that ASEC oversample individuals cannot be linked to the March Basic or any other Basic Monthly survey using CPSIDV. Note also that MISH is not a reliable indicator of rotation pattern status for ASEC oversample records and should not be used to validate matches. For further information on linking ASEC oversamples using CPSIDV, please refer to our additional documentation.</p> <p>Users should take care when including the March Basic or ASEC as part of their linking. Respondents who are part of the ASEC oversample (as indicated by ASECOVERP) have a CPSIDV value of 0.</p>
Concept:	Linking Variables -- PERSON
Start Position:	71
End Position:	85
Width:	15
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesCPSIDV is a 15-digit numeric variable.

## Variable: "ASECWT"

Name:	ASECWT
Label:	Annual Social and Economic Supplement Weight
Variable Text:	<p>ASECWT is a person-level weight that should be used in analyses of individual-level CPS supplement data. Since the CPS relies on a complex stratified sampling scheme, it is essential to use one of the provided weighting variables.</p> <p>Researchers should use WTFINL rather than ASECWT when they wish to conduct person-level analyses of non-ASEC data. EARNWT should be used for any analysis including a small number of person-level variables (EARNWEEK, HOURWAGE, PAIDHOUR, and UNION). Researchers should use ASECWTH for household-level analyses. ASECWTCVD is available for the 2020 ASEC to adjust for nonrandom nonresponse resulting from the COVID-19 pandemic.</p> <p>User Caution: For analyses that include the 2014 ASEC sample, please see the comparability tab.</p> <p>The ASEC CPS files include two groups of people who are not included in the production of published labor force statistics: (1) members of the armed services, and (2) members of the Hispanic oversample who were interviewed in months other than March. WTFINL and EARNWT assign these groups a value of 0. Both groups are assigned non-zero values in ASECWT.</p> <p>ASECWT is based on the inverse probability of selection into the sample and adjustments for the following factors: failure to obtain an interview; sampling within large sample</p>

units; the known distribution of the entire population according to age, sex, and race; over-sampling Hispanic persons; to give husbands and wives the same weight; and an additional step to provide consistency with labor force estimates from the basic survey.

Estimates on the entire population are prepared by projecting forward the resident population from the last available census. These projections are derived by updating the demographic census data from a number of other data sources that account for death, births and net migration. About 3 years after every census (i.e. 2003 for the 2000 Census and 2013 for the 2010 Census), the Census Bureau updates its independent population control and provides a new weight for the relevant years.

Two important points should be noted here. First, the lag between when the Census is conducted and when the CPS weights are updated is about 3 years. While the Census data are being processed, the CPS files are made available using the weighting scheme from the US Census prior to the latest Census. Second, once the files are updated, the old weights become obsolete and are replaced in the IPUMS data extract system. Published estimates from the lag years that use the old weights are not always updated. For example, 2010 poverty estimates were released in ASEC using the 2000 population controls. Once the 2010 population controls were made available, IPUMS-CPS replaced the ASEC 2010, 2011, and 2012 weights that are based on the 2000 population control with weights that are based on the 2010 population controls. IPUMS-CPS makes available only the most up-to-date weights.

Concept:	Technical Variables -- PERSON
Start Position:	86
End Position:	96
Width:	11
Variable Format:	numeric
Implied Decimal Places:	4
Coder Instructions:	CodesASECWT is a 10-digit numeric variable with four implied decimal places. That is, values of 0012345600 should be interpreted as 1,234.56. The IPUMS command files automatically divide ASECWT by 10,000, so no further adjustment is needed.

## Variable: "RELATE"

Name:	RELATE
Label:	Relationship to household head

Variable Text:	<p>RELATE reports an individual's relationship to the head of household or householder.</p> <p>CPS interviewers collected detailed information about the precise relationships of all persons in the household in their initial listing of household members. Unfortunately, they then simplified the detailed data (e.g., daughter-in-law, lodger's brother) by coding it into a few broad categories (e.g., "other relative of head," "nonrelative of head with own relatives in household") specified on the interview form. Only the broad categories are preserved in the data. The 4-digit codes for RELATE are consistent with the coding scheme used in IPUMS-USA census data.</p>
Concept:	Demographics Variables -- PERSON
Start Position:	97
End Position:	100
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
0101	Head/householder
0201	Spouse
0202	Opposite sex spouse
0203	Same sex spouse
0301	Child
0303	Stepchild
0501	Parent
0701	Sibling
0901	Grandchild
1001	Other relatives, n.s.

1113	Partner/roommate
1114	Unmarried partner
1116	Opposite sex unmarried partner
1117	Same sex unmarried partner
1115	Housemate/roommate
1241	Roomer/boarder/lodger
1242	Foster children
1260	Other nonrelatives
9900	Relationship unknown
9999	NIU

## Variable: "AGE"

Name:	AGE
Label:	Age
Variable Text:	Age gives each person's age at last birthday.
Concept:	Demographics Variables -- PERSON
Start Position:	101
End Position:	102
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
00	Under 1 year
01	1

02	2
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
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81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90 (90+, 1988-2002)
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99+

**Variable: "SEX"**

Name:	SEX
-------	-----

Label:	Sex								
Variable Text:	SEX gives each person's sex.								
Concept:	Demographics Variables -- PERSON								
Start Position:	103								
End Position:	103								
Width:	1								
Variable Format:	numeric								
Implied Decimal Places:	0								
<b>Categories</b>									
<table border="1"> <thead> <tr> <th>Value</th><th>Label</th></tr> </thead> <tbody> <tr> <td>1</td><td>Male</td></tr> <tr> <td>2</td><td>Female</td></tr> <tr> <td>9</td><td>NIU</td></tr> </tbody> </table>		Value	Label	1	Male	2	Female	9	NIU
Value	Label								
1	Male								
2	Female								
9	NIU								

**Variable: "RACE"**

Name:	RACE
Label:	Race
Variable Text:	Racial categories in the CPS have been more consistent than racial categories in the census. Up through 2002, the number of race categories ranged from 3 (white, negro, and other) to 5 (white, black, American Indian/Eskimo/Aleut, Asian or Pacific Islander, and other). Beginning in 2003, respondents could report more than one race, and the number of codes rose to 21, and then up to 26 codes in 2013.
Concept:	Demographics Variables -- PERSON
Start Position:	104
End Position:	106
Width:	3

Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
100	White
200	Black
300	American Indian/Aleut/Eskimo
650	Asian or Pacific Islander
651	Asian only
652	Hawaiian/Pacific Islander only
700	Other (single) race, n.e.c.
801	White-Black
802	White-American Indian
803	White-Asian
804	White-Hawaiian/Pacific Islander
805	Black-American Indian
806	Black-Asian
807	Black-Hawaiian/Pacific Islander
808	American Indian-Asian
809	Asian-Hawaiian/Pacific Islander
810	White-Black-American Indian
811	White-Black-Asian
812	White-American Indian-Asian

813	White-Asian-Hawaiian/Pacific Islander
814	White-Black-American Indian-Asian
815	American Indian-Hawaiian/Pacific Islander
816	White-Black--Hawaiian/Pacific Islander
817	White-American Indian-Hawaiian/Pacific Islander
818	Black-American Indian-Asian
819	White-American Indian-Asian-Hawaiian/Pacific Islander
820	Two or three races, unspecified
830	Four or five races, unspecified
999	Blank

Variable: "MARST"

Name:	MARST
Label:	Marital status
Variable Text:	MARST gives each person's current marital status, including whether the spouse was currently living in the same household.
Concept:	Demographics Variables -- PERSON
Start Position:	107
End Position:	107
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

Categories

Value	Label
1	Married, spouse present

2	Married, spouse absent
3	Separated
4	Divorced
5	Widowed
6	Never married/single
7	Widowed or Divorced
9	NIU

## Variable: "FAMSIZE"

Name:	FAMSIZE
Label:	Number of own family members in hh
Variable Text:	<p>FAMSIZE counts the number of own family members residing with each individual, including the person her/himself. Persons not living with others related to them by blood, marriage, or adoption are coded 1.</p> <p>Note that FAMSIZE is an IPUMS-derived variable using IPUMS-derived family interrelationships, which will not necessarily correspond to the Census Bureau's family definitions. See FTYPE, FAMKIND, and FAMREL for variables that correspond to Census family units. IPUMS does not currently offer a corresponding variable for the size of the Census family unit, but variables necessitating this information such as POVERTY already take the Census family unit size into account.</p> <p>An Introduction to the Family Interrelationship Variables can be found on IPUMS-USA. On this page you'll find information on how IPUMS family interrelationship variables are constructed, common uses of these variables, and specific examples of how these variables can be used efficiently.</p>
Concept:	Family Interrelationships Variables -- PERSON
Start Position:	108
End Position:	109
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

<b>Value</b>	<b>Label</b>
00	Missing
01	1 family member present
02	2 family members present
03	3 family members present
04	4 family members present
05	5 family members present
06	6 family members present
07	7 family members present
08	8 family members present
09	9 family members present
10	10 family members present
11	11 family members present
12	12 family members present
13	13 family members present
14	14 family members present
15	15 family members present
16	16 family members present
17	17 family members present
18	18 family members present
19	19 family members present
20	20 family members present
21	21 family members present
22	22 family members present

23	23 family members present
24	24 family members present
25	25 family members present
26	26 family members present
27	27 family members present
28	28 family members present
29	29 family members present

## Variable: "NCHILD"

Name:	NCHILD
Label:	Number of own children in household
Variable Text:	<p>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.</p> <p>Note that NCHILD is an IPUMS-derived variable using IPUMS-derived family interrelationships. Thus NCHILD may differ from any family information that comes from just the Census family definitions. See for example FTYPE, FAMKIND, and FAMREL for more on Census family units.</p>
Concept:	Family Interrelationships Variables -- PERSON
Start Position:	110
End Position:	110
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
-------	-------

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

### Variable: "FTOTVAL"

Name:	FTOTVAL
Label:	Total family income
Variable Text:	FTOTVAL reports the total income for the respondent's family. Amounts are expressed as they were reported to the interviewer (i.e., in the survey year's dollar amounts). Users may want to adjust for inflation using Consumer Price Index adjustment factors. (FTOTVAL relies on Census-defined families. For more on Census families see FTYPE and FAMREL. This is a different definition from IPUMS-derived families as in FAMUNIT).
Concept:	Income Variables -- PERSON
Start Position:	111
End Position:	120
Width:	10
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesNote: Values are as they appear in the original CPS data. Top-codes, bottom-codes, and NIU codes have not been harmonized by IPUMS.  9999999999 = NIU



1968-1975  
50000 = Top Code (50,000 and greater)  
  
Values in all years can be negative.

## Variable: "INCTOT"

Name:	INCTOT
Label:	Total personal income
Variable Text:	INCTOT indicates each respondent's total pre-tax personal income or losses from all sources for the previous calendar year. Amounts are expressed as they were reported to the interviewer; users must adjust for inflation using Consumer Price Index adjustment factors.
Concept:	Income Variables -- PERSON
Start Position:	121
End Position:	129
Width:	9
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>Codes999999999 = N.I.U. 999999998 = Missing. (1962-1964 only) Values can be negative.</p> <p>The Census Bureau applies different disclosure avoidance measures across time for individuals with high income in this variable. Detailed explanations of these methods, topcodes, and replacement value and swap value thresholds are available here.</p>

## Variable: "INCWAGE"

Name:	INCWAGE
Label:	Wage and salary income
Variable Text:	<p>INCWAGE indicates each respondent's total pre-tax wage and salary income--that is, money received as an employee--for the previous calendar year. Amounts are expressed as they were reported to the interviewer; users must adjust for inflation using Consumer Price Index adjustment factors.</p> <p>For ASEC samples 1988-onward, INCWAGE is derived from a Census recode variable. The topcoded components of INCWAGE are OINCWAGE and INCLONGJ. OINCWAGE is always a component of INCWAGE. When SRCEARN indicates that INCLONGJ is earned from wage and salary, INCLONGJ is an additional component of INCWAGE.</p>

Concept:	Income Variables -- PERSON
Start Position:	130
End Position:	137
Width:	8
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>Codes99999999 = N.I.U. (Not in Universe) 99999998 = Missing (1962-1966 only)</p> <p>The Census Bureau applies different disclosure avoidance measures across time for individuals with high income in this variable. Detailed explanations of these methods, topcodes, and replacement value and swap value thresholds are available <a href="#">here</a>.</p>