

User Extract meps\_00007.dat

Jump to Section

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

§ 1. Document Description

Citation

Title Statement	
Title:	Codebook for an for an IPUMS Health Surveys: Medical Expenditure Panel Survey Data Extract
Subtitle:	DDI 2.5 metadata describing the extract file 'meps_00007.dat'
Identification Number:	ddi2-df4d7000-3a44-013e-da79-02420a1c0306-meps_00007.dat- www.meps.ipums.org
Responsibility Statement	
Authoring Entity:	IPUMS
Affiliation:	University of Minnesota
Production Statement	
Producer:	IPUMS
Affiliation:	University of Minnesota
Role:	Documentation
Date of Production:	July 25, 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 meps_00007.dat
Responsibility Statement	
Authoring Entity:	IPUMS
Affiliation:	University of Minnesota
Production Statement	
Producer:	IPUMS
Affiliation:	University of Minnesota
Role:	Documentation
Date of Production:	July 25, 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>
Version Statement	
Date:	2025-07-25

Study Scope

Subject Information	
Topic Classification:	Technical Variables -- PERSON
	Core Demographic Variables -- PERSON
	Family Interrelationships Variables -- PERSON

	Total Income and Earnings Variables -- PERSON
	Poverty Variables -- PERSON
	Health Status Variables -- PERSON
	General Coverage Variables -- PERSON
	Cancer Variables -- PERSON
	Other Conditions Variables -- PERSON
	Total Expenditures Variables -- PERSON
	Outpatient Provider Expenditures Variables -- PERSON
<b>Summary Data Description</b>	
Time Period:	2018
Country:	United States
<b>Summary Data Description</b>	
Time Period:	2019
Country:	United States
<b>Summary Data Description</b>	
Time Period:	2020
Country:	United States
<b>Summary Data Description</b>	
Time Period:	2021
Country:	United States
<b>Summary Data Description</b>	
Time Period:	2022
Country:	United States
<b>Notes</b>	
Note:	Additional notes on a sample that is part of this study: 2018 MEPS
	Additional notes on a sample that is part of this study: 2019 MEPS

	Additional notes on a sample that is part of this study: 2020 MEPS
	Additional notes on a sample that is part of this study: 2021 MEPS
	Additional notes on a sample that is part of this study: 2022 MEPS

## Data Access - Use Statement

<b>Confidentiality Declaration</b>	
<p>The Public Health Service Act (Section 308 (d)) provides that the data collected by the National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC), may be used only for the purpose of health statistical reporting and analysis. Any effort to determine the identity of any reported case is prohibited by this law. NCHS does all it can to assure that the identity of data subjects cannot be disclosed. All direct identifiers, as well as any characteristics that might lead to identification, are omitted from the data files. Any intentional identification or disclosure of a person or establishment violates the assurances of confidentiality given to the providers of the information.</p> <p>Therefore, users will:</p> <p>Use the data in these data files for statistical reporting and analysis only.</p> <p>Make no use of the identity of any person or establishment discovered inadvertently and advise the Director, NCHS, of any such discovery (301-458-4500).</p> <p>Not link these data files with individually identifiable data from other NCHS or non-NCHS data files.</p> <p>By using these data, you signify your agreement to comply with the above-stated statutorily-based requirements.</p>	
Contact Persons:	IPUMS Health Surveys: Medical Expenditure Panel Survey
Affiliation:	IPUMS
URI:	<a href="http://www.meps.ipums.org/">http://www.meps.ipums.org/</a>
<b>Citation Requirement</b>	
<p>Publications and research reports based on the MEPS database must cite it appropriately. The citation is as follows:</p> <p>Lynn A. Blewett, Julia A. Rivera Drew, Daniel Backman, Annie Chen, Grace Cooper, Megan Schouweiler, and Stephanie Richards. IPUMS Health Surveys: Medical Expenditure Panel Survey, Version 2.4 [dataset]. Minneapolis, MN: IPUMS, 2024. <a href="https://doi.org/10.18128/D071.V2.4">https://doi.org/10.18128/D071.V2.4</a></p> <p>Please see <a href="http://www.meps.ipums.org/meps/citation.shtml">http://www.meps.ipums.org/meps/citation.shtml</a> for precise formatting of the citation.</p>	
<b>Conditions</b>	
<p>The Public Health Service Act (Section 308 (d)) provides that the data collected by the National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC), may be used only for the purpose of health statistical reporting and analysis. Any effort to determine the identity of any reported case is prohibited by this law. NCHS does all it can to assure that the identity of data subjects cannot be disclosed. All direct identifiers, as well as any characteristics that might lead to identification, are omitted from the data files. Any intentional identification or disclosure of a person or establishment violates the assurances of confidentiality given to the providers of the information.</p> <p>Therefore, users must:</p> <p>Use the data in these data files for statistical reporting and analysis only.</p>	

Make no use of the identity of any person or establishment discovered inadvertently and advise the Director, NCHS, of any such discovery (301-458-4500).

Not link these data files with individually identifiable data from other NCHS or non-NCHS data files.

By using these data, you signify your agreement to comply with the above-stated statutorily-based requirements.

Furthermore, users of MEPS data must agree to abide by the conditions of use. Users must agree to the following conditions:

(1) Use the data in these data files for statistical reporting and analysis only

(2) Make no use of the identity of any person or establishment discovered inadvertently and advise the Director of NCHS of any such discovery (301-458-4500)

(3) Do not link these data with individually-identifiable data from NCHS or non-NCHS data files

(4) No fees may be charged for use or distribution of the data. All persons are granted a limited license to use and distribute these data, but you may not charge a fee for the data if you distribute them to others.

(5) Cite the MEPS appropriately. Publications and research reports based on the database must cite it appropriately. Please see <http://www.meps.ipums.org/meps/citation.shtml>

(6) MEPS cannot be used to study small geographic areas. The smallest geographical areas identified in the MEPS are regions (groups of states) and a limited number of metropolitan areas.

(7) This system provides individual-level data only. The MEPS Data Extraction System will not produce tables. You will need to use a statistical software package, such as Stata, SAS, or SPSS, to analyze the downloaded data. Alternatively, you may use the MEPS-SDA tabulator to produce tables online, without making a data extract.

#### 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 (Revision of 00002))
	This extract is a revision of the user's previous extract, ID 9034829.

## § 3. File Description

### File

File Name:	meps_00007.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. [PERNUM](#) (Person number within family/household (from reformatting))
3. [DUID](#) (Dwelling unit ID)
4. [PID](#) (Person number)
5. [MEPSID](#) (MEPS unique identifier (IPUMS generated))
6. [PANEL](#) (Panel)
7. [PSUANN](#) (Annual primary sampling unit (PSU) for variance estimation)
8. [STRATANN](#) (Annual stratum for variance estimation)
9. [PSUPLD](#) (Pooled primary sampling unit (PSU) for variance estimation)
10. [STRATAPLD](#) (Pooled variance stratum)
11. [PANELYR](#) (Year entered MEPS)
12. [RELYR](#) (Relative year 1 or 2 in panel)
13. [PERWEIGHT](#) (Final basic annual weight)
14. [SAQWEIGHT](#) (Self-Administered Questionnaire weight)
15. [DIABWEIGHT](#) (Diabetes care weight)
16. [SDOHWT](#) (Social Determinants of Health (SDOH) weight)
17. [FAMIDYR](#) (Annual family identifier (MEPS family definition))
18. [CPSFAMID](#) (Annual family identifier (CPS family definition))
19. [AGE](#) (Age)
20. [SEX](#) (Sex)
21. [MARSTAT](#) (Legal marital status)
22. [BIRTHMO](#) (Month of birth)
23. [BIRTHYR](#) (Year of birth)
24. [REGIONMEPS](#) (Census region as of 12/31 of the survey year)
25. [RELATE](#) (Relationship to householder)
26. [FAMSIZE](#) (Number of persons in family)
27. [INCTOT](#) (Total personal income)
28. [FTOTVAL](#) (Total family income)
29. [MHLTHFINSTAB](#) (Ever worry about family's financial stability because of mental health)
30. [FOODSTMO](#) (Number of months received food stamps, past 12 months)
31. [POVCAT](#) (CPS family income as a percentage of the poverty line, original data, categorical)
32. [POVCATCPS](#) (CPS family income as a percentage of the poverty line, IPUMS MEPS constructed, categorical )
33. [POVCATMEPS](#) (MEPS family income as a percentage of the poverty line, IPUMS MEPS constructed, categorical )
34. [HEALTH](#) (Health status)
35. [HINOTCOV](#) (Has no health insurance (excluding single service plans))
36. [HIPRIVATE](#) (Has any private health insurance)
37. [HICHAMPANY](#) (Has CHAMPUS, TRICARE, or CHAMP-VA insurance)
38. [HIMACHIP](#) (Covered by Medicaid and/or SCHIP)
39. [HIMCARE](#) (Has Medicare insurance)

40. [HIOTHGOV](#) (Covered by other public healthcare coverage)
41. [HIOTHGOVHMO](#) (Covered by other public healthcare coverage that is an HMO)
42. [HIOTHGOVPREM](#) (Covered by other public healthcare coverage with a premium)
43. [HIVA](#) (Covered by VA military health care)
44. [COVERTYPE](#) (Health insurance coverage type (hierarchy))
45. [COVTYPEAGE](#) (Health insurance coverage type (hierarchy with age))
46. [CANCEREV](#) (Ever told had cancer)
47. [CHOLHIGHEV](#) (Ever told had high cholesterol)
48. [DIABETICEV](#) (Ever told had diabetes)
49. [HEARTCONEV](#) (Ever told had heart condition/disease)
50. [HYPERTENAGE](#) (High blood pressure, age at diagnosis)
51. [EXPTOT](#) (Annual total of direct health care payments)
52. [CHGTOT](#) (Annual total of charges for health care)
53. [OPEXPTOT](#) (Annual total of direct health care payments to outpatient medical providers)
54. [OPCHGTOT](#) (Annual total charges for health care from outpatient medical providers)

### Variable: "YEAR"

Name:	YEAR
Label:	Survey year
Variable Text:	YEAR is a four-digit variable reporting the calendar year (e.g., 2003) the survey was conducted and the data were collected. YEAR indicates the survey year on the person record.
Concept:	Technical Variables -- PERSON
Start Position:	1
End Position:	4
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 4-digit numeric variable with 0 implied decimal places

### Variable: "PERNUM"

Name:	PERNUM
Label:	Person number within family/household (from reformatting)
Variable Text:	PERNUM is an IPUMS MEPS-constructed variable that numbers all persons within each household consecutively (starting with "1") in the order in which they appear in the original MEPS data. PERNUM was created by IPUMS MEPS during the process of reformatting the original MEPS public use files.

Concept:	Technical Variables -- PERSON
Start Position:	5
End Position:	6
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesPERNUM is a 2-digit numeric variable.

### Variable: "DUID"

Name:	DUID
Label:	Dwelling unit ID
Variable Text:	<p>For all persons, DUID reports the identifier assigned by MEPS to the person's Dwelling Unit (DU), sampled for MEPS data collection. DUID is a random ID number assigned after the DU was sampled for MEPS and does not change once assigned. The MEPS sample is a subset of the households that participated in the National Health Interview Survey (NHIS).</p> <p>DU definitions are generally consistent with NHIS definitions of households. For example, the 2018 NHIS Survey Description document describes households as "occupied housing units" (p. 10) that exclude "long-term care institutions (for example, nursing homes for the elderly, hospitals for the chronically ill or physically or intellectually disabled, and wards for abused or neglected children), correctional facilities (for example, prisons or jails, juvenile detention centers, and halfway houses)." (p. 8). Additionally, "unless one other family member is a civilian eligible for the survey (for example, a child whose parents are both active-duty military)" (p. 8), housing units occupied by active-duty Armed Forces personnel are also excluded from the survey.</p> <p>From 1996-2017, DUID is unique within panel, but must be combined with PANEL to be unique across panels. Starting in 2018, DUID begins with the 2-digit variable PANEL, making DUID unique across panels. DUID can be combined with PID to uniquely identify each person within the Dwelling Unit. Please see the user note for more information on the relationship between Dwelling Units, families, Reporting Units, and persons.</p>
Concept:	Technical Variables -- PERSON
Start Position:	7
End Position:	13
Width:	7



Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	DUID is a numeric variable ranging in width from 1 to 7 digits.

**Variable: "PID"**

Name:	PID
Label:	Person number
Variable Text:	<p>For all persons, PID is a within-Dwelling Unit (DU) person identifier assigned in sampling or by the computer-assisted personal interviewing (CAPI) instrument. PID must be combined with DUID and PANEL to uniquely identify persons across all MEPS data. IPUMS MEPS offers the constructed variable MEPSID, created by concatenating the values of DUID, PID, and PANEL.</p> <p>Please see the user note for more information on the relationship between Dwelling Units, families, Reporting Units, and persons.</p>
Concept:	Technical Variables -- PERSON
Start Position:	14
End Position:	16
Width:	3
Variable Format:	character
Implied Decimal Places:	0
Coder Instructions:	CodesPID is a 3-digit numeric variable.

**Variable: "MEPSID"**

Name:	MEPSID
Label:	MEPS unique identifier (IPUMS generated)
Variable Text:	<p>For all persons, MEPSID is a variable that uniquely identifies respondents across MEPS panels. It is created by combining PANEL, DUID, and PID. IPUMS MEPS staff create MEPSID for the 1996-2017 samples to provide a single, universal linking key for MEPS persons. Beginning in 2018, AHRQ modified the identifiers DUID and DUPERSID (which combines DUID with PID) on the original MEPS data files to append information about PANEL to the first two columns. This update makes DUPERSID identical to MEPSID in the IPUMS MEPS extract system for 2018-forward.</p>

	In earlier versions of IPUMS MEPS, IPUMS MEPS staff created a slightly different version of MEPSID, equivalent to combining DUID, PID, and PANEL. This version has been renamed to MEPSID2 and is only available for 1996-2017.
Concept:	Technical Variables -- PERSON
Start Position:	17
End Position:	26
Width:	10
Variable Format:	character
Implied Decimal Places:	0
Coder Instructions:	This is a 10-digit numeric variable with 0 implied decimal places

### Variable: "PANEL"

Name:	PANEL
Label:	Panel
Variable Text:	<p>For all persons, PANEL reports the number of the panel of which the person was a member. MEPS began in 1996 with Panel number 1 and the panel number for persons entering the MEPS in each subsequent year increases by 1, so that 1997 had Panels 1 (the panel that entered in 1996, in their second year in 1997) and 2 (the panel newly entering MEPS in 1997), 1998 had Panels 2 and 3, 1999 had Panels 3 and 4, and so on. PANEL can be combined with DUID and PID to uniquely identify individuals across panels. IPUMS MEPS offers the constructed variable MEPSID that is equal to the concatenated values of DUID, PID, and PANEL.</p> <p>For more information on the relationship between calendar year, panel, and round data, please see the IPUMS MEPS Panel Design Documentation.</p>
Concept:	Technical Variables -- PERSON
Start Position:	27
End Position:	28
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
00	
01	
02	
03	
04	
05	
06	
07	
08	
09	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	

24	
25	
26	
27	

**Variable: "PSUANN"**

Name:	PSUANN
Label:	Annual primary sampling unit (PSU) for variance estimation
Variable Text:	<p>PSUANN is the annual primary sampling unit variable that represents the impact of sample design clustering on the estimates of variance and standard errors. It is appropriate to use PSUANN to generate annual estimates for all years. For pooled analyses including years before 2002 or after 2018, analysts should instead use the pooled primary sampling unit variable, PSUPLD. For analyses limited to years 2002-2018, PSUANN is suitable for use in annual and pooled analyses.</p> <p>PSUANN is constant within a sample design period and changes between sample design periods. For analysis, researchers need to use PSUANN in conjunction with STRATANN to account for stratification and clustering when computing variance estimates with IPUMS MEPS data.</p>
Concept:	Technical Variables -- PERSON
Start Position:	29
End Position:	31
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>CodesPSUANN is a 3-digit numeric variable.</p> <p>000: Not in Universe</p>

**Variable: "STRATANN"**

Name:	STRATANN
Label:	Annual stratum for variance estimation
Variable Text:	<p>STRATANN is an IPUMS MEPS-constructed variable based on the annual variance estimation strata variable in the public use files. STRATANN represents the impact of sample design stratification on estimates of variance and standard errors. IPUMS staff generate STRATANN by concatenating YEAR and the original AHRQ-provided variance estimation strata variable, VARSTR. It is appropriate to use STRATANN to generate</p>

	<p>annual estimates for all years. For pooled analyses including years before and after 2002 or before and after 2019, analysts should instead use the pooled variance sampling strata variable, STRATAPLD. For analyses limited to the years 2002-2018 or 2019-forward, STRATANN is suitable for use in annual and pooled analyses.</p> <p>From 1996-2001, values of STRATANN were statistically independent from year to year. Between 2002-2018 and for 2019-forward, values of STRATANN are constant within sample design period. For analysis, researchers need to use STRATANN in conjunction with PSUANN to account for stratification and clustering when computing variance estimates with MEPS data using a Taylor-series Linearization approach. For more information, please see our user note on variance estimation using IPUMS MEPS data.</p>
Concept:	Technical Variables -- PERSON
Start Position:	32
End Position:	39
Width:	8
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesSTRATANN is an 8-digit numeric variable, where the first four digits are the same as the YEAR value.

### Variable: "PSUPLD"

Name:	PSUPLD
Label:	Pooled primary sampling unit (PSU) for variance estimation
Variable Text:	<p>PSUPLD is the pooled variance primary sampling unit variable that represents the impact of the sample design clustering on the estimates of variance and standard errors. It is appropriate to use PSUPLD instead of the annual primary sampling unit (PSUANN) if the years included in a pooled analysis include survey years 1996-2001 or 2019-forward. When pooling data from only 2002-2018, it is appropriate to use the variable PSUANN, the annual stratum variable for each survey year.</p> <p>For analysis, researchers need to use PSUPLD in conjunction with STRATAPLD to account for stratification and clustering when computing variance estimates with IPUMS MEPS data.</p> <p>PSUPLD should be used when analysts wish to pool together (aka combine) more than one year of MEPS annual data including any years before 2002 or after 2018. In most years, MEPS samples are not completely independent from one another, both because each panel is in the MEPS for two consecutive years and because households are sampled from the same geographic areas in multiple years. However, because MEPS is designed to be nationally representative in every year, multiple sample years can still be pooled. The use of PSUPLD and STRAPLD is necessary to obtain appropriate standard errors by specifying a common variance structure.</p>
Concept:	Technical Variables -- PERSON

Start Position:	40
End Position:	40
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesPSUPLD is a 1-digit numeric variable. 0: Not in Universe

### Variable: "STRATAPLD"

Name:	STRATAPLD
Label:	Pooled variance stratum
Variable Text:	<p>STRATAPLD is the pooled variance sampling strata variable that represents the impact of the sample design stratification on the estimates of variance and standard errors. It is appropriate to use STRATAPLD instead of the annual strata variable (STRATANN) if the years included in a pooled analysis include survey years 1996-2001 or 2019-forward. For pooling data from only 2002-2018, it is appropriate to use the variable STRATANN.</p> <p>For analysis, researchers need to use STRATAPLD in conjunction with PSUPLD to account for stratification and clustering when computing variance estimates with IPUMS MEPS data.</p> <p>STRATAPLD should be used when users wish to pool together (aka combine) more than one year of MEPS annual data including any years before 2002 or after 2018. In most years, MEPS samples are not completely independent from one another, both because each panel is in the MEPS for two consecutive years and because households are sampled from the same geographic areas in multiple years. However, because MEPS is designed to be nationally representative in every year, multiple sample years can still be pooled. The use of STRATAPLD and PSUPLD is necessary to obtain appropriate standard errors by specifying a common variance structure.</p>
Concept:	Technical Variables -- PERSON
Start Position:	41
End Position:	44
Width:	4
Variable Format:	numeric

Implied Decimal Places:	0
Coder Instructions:	CodesSTRATAPLD is a 4-digit numeric variable. 0000: Not in Universe

**Variable: "PANELYR"**

Name:	PANELYR
Label:	Year entered MEPS
Variable Text:	For all persons, PANELYR reports the year that the person started to participate in the MEPS Household Component interviews. PANELYR is identical to YEAR if the person is in their first year of MEPS participation ("relative year 1," captured in RELYR), or the year previous to the one recorded in YEAR if the person is in relative year 2 of the MEPS PANEL. For more information on the relationship between relative year, calendar year, panel, and round data, please see the IPUMS MEPS Panel Design Documentation.
Concept:	Technical Variables -- PERSON
Start Position:	45
End Position:	48
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
1996	1996
1997	1997
1998	1998
1999	1999
2000	2000
2001	2001

2002	2002
2003	2003
2004	2004
2005	2005
2006	2006
2007	2007
2008	2008
2009	2009
2010	2010
2011	2011
2012	2012
2013	2013
2014	2014
2015	2015
2016	2016
2017	2017
2018	2018
2019	2019
2020	2020
2021	2021
2022	2022

**Variable: "RELYR"**

Name:	RELYR
Label:	Relative year 1 or 2 in panel
Variable Text:	For all persons, RELYR indicates whether they are in their first or second year of participation in the MEPS household component panel. The MEPS panel involves five rounds of interviews over a period of about two years. For more information on the relationship between relative year, calendar year, panel, and round data, please see the IPUMS MEPS Panel Design Documentation.



NOTE: AHRQ's COVID-related introduction of additional interviews for households in Panels 23 and 24 necessitated adjustments to fit the expanded panel data into the traditional three-round-per-calendar-year MEPS data structure. This resulted in RELYR being expanded to 3 and/or 4 years in 2020 and 2021. For more information, please see the user note on MEPS 2020 changes.

Concept: Technical Variables -- PERSON

Start Position: 49

End Position: 49

Width: 1

Variable Format: numeric

Implied Decimal Places: 0

#### Categories

Value	Label
1	Relative year 1
2	Relative year 2
3	Relative year 3
4	Relative year 4

### Variable: "PERWEIGHT"

Name:	PERWEIGHT
Label:	Final basic annual weight
Variable Text:	<p>PERWEIGHT is an IPUMS MEPS-constructed variable based on the Final Person Weight in the original MEPS annual full-year consolidated files. This weight should be used for many cross-sectional analyses at the person level, particularly with variables for which information was collected about all family members. PERWEIGHT represents the inverse probability of selection into the sample, adjusted for non-response with post-stratification adjustments for age, race/ethnicity, and sex using the Census Bureau's population control totals. For each year, the sum of these weights is equal to that year's civilian, non-institutionalized U.S. population.</p> <p>There are instances, however, when the researcher should use a different person-level weight, particularly when analyzing variables from the Self-Administered Questionnaire or the Diabetes Care Survey, or when conducting longitudinal analyses with the MEPS data. For example, researchers analyzing variables from the Self-Administered Questionnaire from 2000 forward should use SAQWEIGHT rather than PERWEIGHT.</p>

	Users should review the documentation for extracted variables--most notably the "Weights" section toward the top of each variable description--to ascertain which weight is the appropriate choice for a given survey year.
Concept:	Technical Variables -- PERSON
Start Position:	50
End Position:	61
Width:	12
Variable Format:	numeric
Implied Decimal Places:	6
Coder Instructions:	CodesPERWEIGHT is a 12-digit numeric variable with 6 implied decimals.

### Variable: "SAQWEIGHT"

Name:	SAQWEIGHT
Label:	Self-Administered Questionnaire weight
Variable Text:	<p>SAQWEIGHT is an IPUMS MEPS-constructed variable based on the Final SAQ Weight in the original MEPS annual full-year consolidated files. This weight should be used for many cross-sectional analyses at the person level, particularly with variables for which information was collected about persons selected for the Self-Administered Questionnaire (SAQ) (see SAQELIG for the person's SAQ eligibility status). For each year, the sum of these weights is equal to that year's civilian, non-institutionalized U.S. population aged 18 and older. SAQWEIGHT adjusts for SAQ non-response.</p> <p>In 2000, SAQWEIGHT also includes weighting information for children under the age of 18 whose parent or guardian completed the Parent Administered Questionnaire (PAQ). For 2000 only, the sum of SAQWEIGHT is equal to the full civilian, non-institutionalized U.S. population. SAQWEIGHT does differ from PERWEIGHT in 2000 because the poststratification age group of 15-19 was partitioned into two groups, 15-17 and 18-19, for SAQWEIGHT to account for the target populations of the SAQ and PAQ.</p> <p>Users should review the documentation for extracted variables, most notably the "Weights" section toward the top of each variable description, to ascertain which weight is the appropriate choice for a given survey year.</p> <p>See the User Notes on the use of sampling weights for additional information.</p>
Concept:	Technical Variables -- PERSON
Start Position:	62
End Position:	73

Width:	12
Variable Format:	numeric
Implied Decimal Places:	6
Coder Instructions:	CodesSAQWEIGHT is a 12-digit numeric variable with 6 implied decimal places. That is, values of 012345678912 should be interpreted as 12345.678912. The command files delivered with IPUMS extracts automatically divide SAQWEIGHT by 1,000,000, so no further adjustment is needed.

### Variable: "DIABWEIGHT"

Name:	DIABWEIGHT
Label:	Diabetes care weight
Variable Text:	<p>For all persons, DIABWEIGHT is an IPUMS MEPS-constructed variable based on the Final Diabetes Care Supplement Weight in the original MEPS annual full-year consolidated files. This weight should be used for many cross-sectional analyses at the person level, particularly with variables for which information was collected about persons selected for the self-administered Diabetes Care Survey (DCS) (individuals who reported that they had ever been told by a health care professional that they had diabetes). DIABWEIGHT adjusts for DCS non-response. For each year, the sum of these weights is equal to that year's estimated U.S. population of civilian, non-institutionalized diabetics aged 18 and older. Only persons who answer "yes" to DCSDIABDX have a positive value for DIABWEIGHT. For more information about the DCS, please see the Diabetes Care Survey user note.</p> <p>Users should review the documentation for extracted variables--most notably the "Weights" section toward the top of each variable description--to ascertain which weight is the appropriate choice for a given survey year.</p>
Concept:	Technical Variables -- PERSON
Start Position:	74
End Position:	85
Width:	12
Variable Format:	numeric
Implied Decimal Places:	6
Coder Instructions:	CodesDIABWEIGHT is a 12-digit numeric variable with 6 implied decimal places. That is, a value of 012345678912 should be interpreted as 12345.678912. The command files delivered with IPUMS extracts automatically divide DIABWEIGHT by 1,000,000, so no further adjustment is needed.

### Variable: "SDOHWT"

Name:	SDOHWT
Label:	Social Determinants of Health (SDOH) weight
Variable Text:	<p>SDOHWT is the person-level weight for the Social Determinants of Health (SDOH) supplement. This weight should be used when conducting cross-sectional, person-level analyses that include SDOH variables. SDOHWT adjusts for non-response and weights to the U.S. civilian noninstitutionalized population. Only persons who were eligible for the SDOH supplement (see SDOHELIG) have a positive value for SDOHWT. For more information about the development of this weight, please see section 3.10 Weights and Response Rates for the Social Determinants of Health Survey in the 2021 Full Year Consolidated Data File document.</p> <p>The Social Determinants of Health (SDOH) supplement was fielded via the 2021 MEPS-HC Social and Health Experiences (SHE) self-administered questionnaire. The SHE questionnaire was the first MEPS-HC questionnaire to be fielded using paper and web modes. Please see SATISFIED for more information on the SDOH supplement, including a complete list of variables fielded on the 2021 SHE.</p> <p>Users should review the documentation for extracted variables--most notably the "Weights" section toward the top of each variable description--to ascertain which weight is the appropriate choice for a given survey year.</p>
Concept:	Technical Variables -- PERSON
Start Position:	86
End Position:	98
Width:	13
Variable Format:	numeric
Implied Decimal Places:	6
Coder Instructions:	CodesSDOHWT is a 13-digit numeric variable with 6 implied decimal places. That is, a value of 1234567891234 should be interpreted as 1234567.891234. The command files delivered with IPUMS extracts automatically divide SDOHWT by 1,000,000, so no further adjustment is needed.

### Variable: "FAMIDYR"

Name:	FAMIDYR
Label:	Annual family identifier (MEPS family definition)
Variable Text:	<p>For all persons, FAMIDYR uniquely identifies MEPS families within the current calendar year when combined with DUID. FAMIDYR must be combined with both DUID and PANEL to uniquely identify a family across panels. MEPS defines families as a single person or a group of two or more people who live together and who are related by birth, marriage, adoption, or who otherwise identify themselves as a family unit. The MEPS family definition includes unmarried partners and in-laws. Until 2017, MEPS families included fostered children, but fostered children are not included in MEPS data beginning in 2017.</p> <p>MEPS assigns the same value of FAMIDYR to all family members, including those who</p>

	<p>are unmarried college students under the age of 24 and living away from home (identified as student Reporting Units with a value of 3 on RUCLAS).</p> <p>Related Variables FAMIDRD: Round-specific family identifier, including students CPSFAMID: Annual CPS-defined family identifier</p>
Concept:	Technical Variables -- PERSON
Start Position:	99
End Position:	99
Width:	1
Variable Format:	character
Implied Decimal Places:	0
Coder Instructions:	This is a 1-digit numeric variable with 0 implied decimal places

### Variable: "CPSFAMID"

Name:	CPSFAMID
Label:	Annual family identifier (CPS family definition)
Variable Text:	CPSFAMID is a constructed variable that uniquely identifies the CPS family. CPS families are defined as a group of two or more people related by birth, marriage, or adoption and residing together. This does not include unmarried partners or foster children.
Concept:	Technical Variables -- PERSON
Start Position:	100
End Position:	100
Width:	1
Variable Format:	character
Implied Decimal Places:	0
Coder Instructions:	This is a 1-digit numeric variable with 0 implied decimal places

### Variable: "AGE"

Name:	AGE
Label:	Age
Variable Text:	<p>AGE reports the individual's exact age, calculated from date of birth, as of the last day (12/31) of the survey year.</p> <p> Date of birth and age were asked for each reporting unit member, and then exact age was calculated from date of birth. Where the calculated age and the age provided did not match, inconsistencies were reviewed and resolved. When date of birth was not provided, but age was provided, the month and year of birth were assigned randomly from among the possible valid options. For any cases still not accounted, age was imputed using:</p> <p>(1) the mean age difference between MEPS participants with certain family relationships (where available) or</p> <p>(2) the mean age value for MEPS participants.</p>
Concept:	Core Demographic Variables -- PERSON
Start Position:	101
End Position:	103
Width:	3
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>CodesAGE is a 3-digit-numeric variable.</p> <p>085: Top code for 85 years or older (2001-forward)</p> <p>090: Top code for 90 years or older (1996-2000)</p> <p>996: Missing</p>

## Variable: "SEX"

Name:	SEX
Label:	Sex
Variable Text:	<p>SEX indicates whether the person was male or female.</p> <p>Collection of information on SEX in MEPS Data on the sex of each reporting unit (RU) member was determined during the NHIS interview, and was then verified, and, if necessary, corrected during each MEPS interview.</p> <p>If the respondent was a new RU member or their sex was not ascertained in the NHIS interview, MEPS initially used the first name of the respondent to assign their sex. If the first name gave no clear indication of sex, the reported family relationships were used to assign sex. If the sex of the respondent was still unclear, sex was randomly assigned.</p> <p>The NHIS method of ascertaining the sex of the respondent, which primarily informs the MEPS version of SEX, is similar to the MEPS method. First, sex of the respondent was inferred from the individual's first name or family relationships. If the sex of the respondent was unclear, the interviewer was instructed to explicitly ask the person's sex. Beginning in 1998, interviewers were told to "enter your best guess" when the</p>

	respondent either did not know or refused to answer the direct question that was asked about the person's sex.												
Concept:	Core Demographic Variables -- PERSON												
Start Position:	104												
End Position:	104												
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>7</td><td>Unknown-refused</td></tr> <tr> <td>8</td><td>Unknown-not ascertained</td></tr> <tr> <td>9</td><td>Unknown-don't know</td></tr> </tbody> </table>		Value	Label	1	Male	2	Female	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label												
1	Male												
2	Female												
7	Unknown-refused												
8	Unknown-not ascertained												
9	Unknown-don't know												

**Variable: "MARSTAT"**

Name:	MARSTAT
Label:	Legal marital status
Variable Text:	For persons age 16 and older, MARSTAT reports the person's legal marital status.
Concept:	Core Demographic Variables -- PERSON
Start Position:	105
End Position:	106
Width:	2
Variable Format:	numeric

Implied Decimal Places:	0																						
<b>Categories</b>																							
<table> <tr> <th>Value</th><th>Label</th></tr> <tr> <td>00</td><td>NIU</td></tr> <tr> <td>10</td><td>Married</td></tr> <tr> <td>11</td><td>Married - Spouse present</td></tr> <tr> <td>12</td><td>Married - Spouse not in household</td></tr> <tr> <td>13</td><td>Married - Spouse in household unknown</td></tr> <tr> <td>20</td><td>Widowed</td></tr> <tr> <td>30</td><td>Divorced</td></tr> <tr> <td>40</td><td>Separated</td></tr> <tr> <td>50</td><td>Never married</td></tr> <tr> <td>99</td><td>Unknown marital status</td></tr> </table>		Value	Label	00	NIU	10	Married	11	Married - Spouse present	12	Married - Spouse not in household	13	Married - Spouse in household unknown	20	Widowed	30	Divorced	40	Separated	50	Never married	99	Unknown marital status
Value	Label																						
00	NIU																						
10	Married																						
11	Married - Spouse present																						
12	Married - Spouse not in household																						
13	Married - Spouse in household unknown																						
20	Widowed																						
30	Divorced																						
40	Separated																						
50	Never married																						
99	Unknown marital status																						

**Variable: "BIRTHMO"**

Name:	BIRTHMO
Label:	Month of birth
Variable Text:	<p>For all persons, BIRTHMO reports the person's month of birth.</p> <p>Collection and Imputation of Age and Date of Birth Information&amp;nbsp;Interviewers asked for the date of birth and age of each reporting unit member. AHRQ then calculated exact age from date of birth. In cases where the calculated age and the age provided did not match, AHRQ staff reviewed and resolved inconsistencies. When respondents did not provide the date of birth but did provide age, AHRQ assigned the month and year of birth randomly from among the possible valid options. For any remaining cases with missing age information, AHRQ imputed age using:</p> <p>1. The mean age difference between MEPS participants with certain family relationships (where available), or2. The mean age value for MEPS participants.In 2018, AHRQ assigned two respondents missing values on BIRTHMO and BIRTHYR in the public use file. According to communication between IPUMS MEPS and AHRQ staff, those respondents were assigned missing values as "a result of confidentiality recoding due to perturbations as required by the National Center for Health Statistics." IPUMS MEPS recoded the values of those two cases to "Unknown-Not Ascertained," although they are coded as "Unknown-Don't Know" in the original MEPS public use data.</p>
Concept:	Core Demographic Variables -- PERSON



Start Position:	107
End Position:	108
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
98	Unknown-not ascertained

**Variable: "BIRTHYR"**

Name:	BIRTHYR
Label:	Year of birth

Variable Text:	For all persons, BIRTHYR reports the person's year of birth.
Concept:	Core Demographic Variables -- PERSON
Start Position:	109
End Position:	112
Width:	4
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	<p>CodesBIRTHYR is a 4-digit-numeric variable.</p> <p>9997: Unknown-Refused  9998: Not in Universe or Not Ascertained  9999: Unknown-Don't know</p> <p>BIRTHYR is bottom coded to 89 years before the survey year (e.g. for 1997, bottom code is 1907: birth year 1907 and before; until 2001, when BIRTHYR is bottom coded to 84 years before the survey year (e.g. for 2002, bottom code is 1917: birth year 1917 and before).</p>

### Variable: "REGIONMEPS"

Name:	REGIONMEPS
Label:	Census region as of 12/31 of the survey year
Variable Text:	<p>REGIONMEPS indicates the Census region the respondent resided in the survey year. Regions are defined as:</p> <p>Northeast: Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.</p> <p>Midwest: Indiana, Illinois, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.</p> <p>South: Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia.</p> <p>West: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.</p>
Concept:	Core Demographic Variables -- PERSON
Start Position:	113
End Position:	113
Width:	1

Variable Format:	numeric												
Implied Decimal Places:	0												
<b>Categories</b>													
<table> <tr> <th>Value</th><th>Label</th></tr> <tr> <td>0</td><td>NIU</td></tr> <tr> <td>1</td><td>Northeast</td></tr> <tr> <td>2</td><td>Midwest</td></tr> <tr> <td>3</td><td>South</td></tr> <tr> <td>4</td><td>West</td></tr> </table>		Value	Label	0	NIU	1	Northeast	2	Midwest	3	South	4	West
Value	Label												
0	NIU												
1	Northeast												
2	Midwest												
3	South												
4	West												

**Variable: "RELATE"**

Name:	RELATE
Label:	Relationship to householder
Variable Text:	<p>RELATE reports an individual's relationship to the reference person. &amp;nbsp;For each reporting unit, the person who owns or rents the dwelling unit is usually defined as the reference person. For student reporting units, the student is defined as the reporting unit. For the reference person, the value of RELATE is "Self." For all others, the relationship is indicated by codes, such as "husband/spouse," "wife/spouse," "son," etc.</p> <p>If the relationship of an individual to the reference person was not ascertained during the Round specific interview, relationships between other RU members were used, where possible, to assign a relationship to the reference person. If two individuals' relationship indicated that they were spouses, but both had a marital status of "single," they were assigned a relationship of non-marital partners.</p>
Concept:	Family Interrelationships Variables -- PERSON
Start Position:	114
End Position:	115
Width:	2
Variable Format:	numeric

Implied  
Decimal  
Places:

0

**Categories**

Value	Label
10	Householder
20	Spouse
21	Spouse, other spouse at home and NOT in Armed forces
22	Spouse, other spouse at home and in Armed Forces
30	Unmarried partner
40	Child
41	Child (bio/adopt/in-law/step/foster) of householder
43	Child of partner
44	Child of ineligible householder
50	Other relative 1 (not wife, child)
60	Grandchild
70	Other relative 2 (not grandkid, child, spouse, parent)
71	Parent (bio/adopt/in-law/step/foster) of householder
72	Brother/sister (bio/adopt/in-law/step/foster)
73	Grandparent (Grandma/Grandpa)
74	Aunt/uncle
75	Niece/nephew
76	Other relative 3 (no named category)
80	Nonrelative
81	Housemate/roommate
82	Roomer/boarder
83	Legal guardian
84	Ward

85	Other nonrelative
90	Unknown
96	Unknown - Don't know or refused
97	Unknown-Refused
98	Unknown - Not ascertained
99	Unknown-Don't know

**Variable: "FAMSIZE"**

Name:	FAMSIZE
Label:	Number of persons in family
Variable Text:	FAMSIZE reports the number of persons in a family. FAMSIZE is generated by the Agency for Healthcare Research and Quality, rather than based on a direct question to survey respondents. &nbsp;A MEPS family may include foster children, as well as unmarried persons living together who consider themselves a family unit (these are not included in the CPS family definition). Single persons who do not live with a relative nor a person identified as a "significant other" are assigned a family size of one.
Concept:	Family Interrelationships Variables -- PERSON
Start Position:	116
End Position:	117
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesFAMSIZE is a 2-digit numeric variable 99: NIU

**Variable: "INCTOT"**

Name:	INCTOT
Label:	Total personal income
Variable Text:	INCTOT reports the sum of all person-level income for the current calendar year, excluding income from tax refunds and capital gains.

INCTOT includes annual earnings from wages, salaries, bonuses, tips, commissions; business and farm games and losses; unemployment and workers' compensation; interest and dividends; alimony, child support, and other private cash transfers; private pensions, IRA withdrawals, social security, and veterans payments; supplemental security income and cash welfare payments from public assistance, Temporary Assistance for Needy Families, and related programs; gains or losses from estates, trusts, partnerships, S corporations, rent, and royalties; and a small amount of "other" income. Person-level income excluded tax refunds and capital gains.

Logical editing or weighted, sequential hot-deck imputation was used to impute income amounts for missing values (both for item non-response and for person in the full-year file who were not in round 3). Reported income components were generally left unedited.

#### Related Variables

INCWAGE: annual wage and salary income of individuals

INCBUS: annual business income of individuals

INCUNEMP: annual unemployment compensation income of individuals

INCWKCOM: annual workers' compensation income of individuals

INCINT: annual interest income of individuals

INCDIVID: annual dividend income of individuals

INCRETIR: annual pension income of individuals

INCSS: annual social security income of individuals

INCTRST: annual trust/rent income of individuals

INCVET: annual veteran income of individuals

INCIRA: annual IRA income of individuals

INCALIM: annual alimony income of individuals

INCCHLD: annual child support income of individuals

INCCASH: annual other regular cash income income of individuals

INCSSI: annual SSI income of individuals

INCWELFR: annual public assistance income of individuals

INCOTH: annual other income of individuals

Concept:	Total Income and Earnings Variables -- PERSON
Start Position:	118
End Position:	126
Width:	9
Variable Format:	numeric
Implied Decimal Places:	2

Coder Instructions:	<p>CodesINCTOT is a 9-digit numeric variable with 2 implied decimals. That is, values of 012345678 should be interpreted as 123456.78. The command files delivered with IPUMS extracts automatically divide INCTOT by 100, so no further adjustment is needed.</p> <p>9999999.96: Not in Universe  9999999.97: Unknown-refused  9999999.98: Unknown-not ascertained  9999999.99: Unknown-don't know</p>
---------------------	---

## Variable: "FTOTVAL"

Name:	FTOTVAL
Label:	Total family income
Variable Text:	<p>FTOTVAL reports the total income for each person's CPS family.</p> <p>Beginning in 2007, FAMINC was constructed from the person-level total income variable (INCTOT).</p> <p>CPS families are defined as a group of two or more people related by birth, marriage, adoption and residing together. Unlike the MEPS defined family, CPS family does not include unmarried partners or foster children.</p> <p>FTOTVAL was derived by constructing person-level total income comprising annual earnings from wages, salaries, bonuses, tips, commissions; business and farm games and losses; unemployment and workers' compensation; interest and dividends; alimony, child support, and other private cash transfers; private pensions, IRA withdrawals, social security, and veterans payments; supplemental security income and cash welfare payments from public assistance, Temporary Assistance for Needy Families, and related programs; gains or losses from estates, trusts, partnerships, S corporations, rent, and royalties; and a small amount of "other" income. Person-level income excluded tax refunds and capital gains. Person-level income totals were then summed over family members, as defined by CPSFAMID, to yield CPS family-level total income.</p> <p>Two additional family income variables were created by IPUMS MEPS. FTOTINCCPS is IPUMS MEPS constructed, and offers total family income for CPS families (excludes foster children and unmarried partners). FTOTINCMEPS is IPUMS MEPS constructed, and offers total family income for MEPS families (includes foster children and unmarried partners). Both FTOTINCCPS and FTOTINCMEPS are constructed from the public (edited and top-coded) versions of total individual income)</p>
Concept:	Total Income and Earnings Variables -- PERSON
Start Position:	127
End Position:	133
Width:	7
Variable Format:	numeric
Implied Decimal Places:	0

Coder Instructions:	CodesFTOTVAL is a 6-digit numeric variable with no implied decimals. 999999: Not in Universe
---------------------	---

**Variable: "MHLTHFINSTAB"**

Name:	MHLTHFINSTAB
Label:	Ever worry about family's financial stability because of mental health
Variable Text:	<p>For SAQ persons ages 18 and older, MHLTHFINSTAB reports whether the respondent ever worried about their family's financial stability because of mental health, its treatment, or lasting effects of that treatment.</p> <p>MHLTHFINSTAB is part of the Self-Administered Questionnaire (SAQ), a pencil-and-paper survey. See (SAQELIG) for more information on the SAQ.</p>
Concept:	Poverty Variables -- PERSON
Start Position:	134
End Position:	134
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
0	NIU
1	No
2	Yes
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "FOODSTMO"**

Name:	FOODSTMO
-------	----------



Label:	Number of months received food stamps, past 12 months
Variable Text:	<p>For all persons aged 16 and older who received food stamps during the calendar year (FOODSTYN), FOODSTMO reports the number of months the family received benefits from the Supplemental Nutrition Assistance Program (SNAP), the state's SNAP name, or from food stamps during the calendar year.</p> <p>Users may be interested in FOODSTVAL which reports the monthly dollar value of food stamps received.</p>
Concept:	Poverty Variables -- PERSON
Start Position:	135
End Position:	136
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
00	NIU
01	1 month
02	2 months
03	3 months
04	4 months
05	5 months
06	6 months
07	7 months
08	8 months
09	9 months
10	10 months
11	11 months

12	12 months (full year)
97	Unknown - Refused
98	Unknown - Not ascertained
99	Unknown - Don't know

## Variable: "POVCAT"

Name:	POVCAT
Label:	CPS family income as a percentage of the poverty line, original data, categorical
Variable Text:	<p>POVCAT is a categorical variable reporting family income as a percentage of the poverty line.</p> <p>POVCAT uses family income and CPS family size. CPS families are defined as a group of two or more people related by birth, marriage, or adoption and residing together. Unlike the MEPS defined family, CPS family does not include unmarried partners or foster children.</p> <p>Family income is constructed using person-level total income, comprised of: annual earnings from wages, salaries, bonuses, tips, commissions; business and farm gains and losses; unemployment and workman's compensation; interest and dividends; alimony, child support, and other private cash transfers; private pensions, IRA withdrawals, social security, and veterans payments; supplemental security income and cash welfare payments from public assistance, Aid to Families with Dependent Children, and Aid to Dependent Children; gains or losses from estates, trusts, partnerships, S corporations, rent, and royalties; and a small amount of "other" income. Family income excluded tax refunds and capital gains.</p> <p>Person-level income totals were then summed over family members as defined by CPSFAMID to yield the family-level total. POVCAT is constructed by dividing family income by the applicable poverty line (based on family size and composition), with the resulting percentages grouped into the following 5 categories:</p> <ol style="list-style-type: none"> <li>1. Negative or poor (LT 100% poverty line)</li> <li>2. Near poor (100-124% poverty line)</li> <li>3. Low income (125-199% poverty line)</li> <li>4. Middle income (200-399% poverty line)</li> <li>5. High income (GE 400% poverty line)</li> </ol> <p>Persons missing CPSFAMID were treated as one-person families in constructing POVCAT.</p> <p>Logical editing or weighted, sequential hot-deck imputation were used to impute income amounts for missing values (both for non-response and for persons in the full-year file who were not in the round where income questions were asked). Round-level data on employment status, hours worked, and wages were used to supplement earnings data collected in the Income Section.</p> <p>A continuous variable POVLEV for the ratio of total family income to federal poverty line is also available beginning in 2007. An IPUMS MEPS constructed variable (POVCATCPS) offers CPS family income to poverty level ratio data in more detailed categories, for all survey years. POVLEV and POVCATCPS calculate family income to poverty level ratios for the CPS family (excludes foster children and unmarried partners). Additionally, an IPUMS MEPS constructed variable (POVCATMEPS) is available for all survey years, and contains more detailed poverty line ratio categories for MEPS families (includes foster children and unmarried partners). POVCATCPS and POVCATMEPS are constructed from the public (edited and top-coded) versions of total individual income (summed across MEPS family), and therefore may not match POVCAT.</p>

Concept:	Poverty Variables -- PERSON												
Start Position:	137												
End Position:	137												
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>Negative or poor (&lt;100% of poverty line)</td></tr> <tr> <td>2</td><td>Near poor (100-124% of poverty line)</td></tr> <tr> <td>3</td><td>Low income (125-199% of poverty line)</td></tr> <tr> <td>4</td><td>Middle income (200-399% of poverty line)</td></tr> <tr> <td>5</td><td>High income (&gt;=400% of poverty line)</td></tr> </tbody> </table>		Value	Label	1	Negative or poor (<100% of poverty line)	2	Near poor (100-124% of poverty line)	3	Low income (125-199% of poverty line)	4	Middle income (200-399% of poverty line)	5	High income (>=400% of poverty line)
Value	Label												
1	Negative or poor (<100% of poverty line)												
2	Near poor (100-124% of poverty line)												
3	Low income (125-199% of poverty line)												
4	Middle income (200-399% of poverty line)												
5	High income (>=400% of poverty line)												

**Variable: "POVCATCPS"**

Name:	POVCATCPS
Label:	CPS family income as a percentage of the poverty line, IPUMS MEPS constructed, categorical
Variable Text:	<p>POVCATCPS is an IPUMS MEPS constructed, categorical variable for family income as a percentage of the poverty line, using the CPS definition of family. CPS families are defined as a group of two or more people related by birth, marriage, or adoption and residing together. Unlike the MEPS defined family, CPS family does not include unmarried partners or foster children.</p> <p>Total family income is constructed using person-level total income, comprised of: annual earnings from wages, salaries, bonuses, tips, commissions; business and farm gains and losses; unemployment and workman's compensation; interest and dividends; alimony, child support, and other private cash transfers; private pensions, IRA withdrawals, social security, and veterans payments; supplemental security income and cash welfare payments from public assistance, Aid to Families with Dependent Children, and Aid to Dependent Children; gains or losses from estates, trusts, partnerships, S corporations, rent, and royalties; and a small amount of "other" income. Total individual income excluded tax refunds and capital gains.</p> <p>To construct POVCATCPS, total individual income amounts were first summed across members of the CPS family (defined by CPSFAMID) to yield a CPS family income total.</p>

The total CPS family income amount was then divided by the applicable poverty line (based on family size and composition), with the resulting percentages grouped into fourteen categories.

Persons missing CPSFAMID were treated as one-person families in constructing POVCATCPS. POVCATCPS was constructed using publicly available total individual income, which has been edited and top-coded. Due to this editing of the income data, POVCATCPS may not always match what is reported in the MEPS poverty variables.

A continuous variable POVLEV for the ratio of total family income to federal poverty line is also available beginning in 2007. A categorical variable POVCAT is available for all survey years, and is constructed from income data that has not been top-coded, however, it offers less detailed poverty ratio categories. POVLEV and POVCAT calculate family income to poverty level ratios for the CPS family (excludes foster children and unmarried partners). Additionally, an IPUMS MEPS constructed variable (POVCATMEPS) is available for all survey years, and contains more detailed poverty line ratio categories for MEPS families (includes foster children and unmarried partners). POVCATMEPS is constructed from the public (edited and top-coded) versions of total individual income (summed across MEPS family).

Concept: Poverty Variables -- PERSON

Start Position: 138

End Position: 139

Width: 2

Variable Format: numeric

Implied Decimal Places: 0

### Categories

Value	Label
01	Under 0.50
02	0.50-0.74
03	0.75-0.99
04	1.00-1.24
05	1.25-1.49
06	1.50-1.74
07	1.75-1.99
08	2.00-2.49

09	2.50-2.99
10	3.00-3.49
11	3.50-3.99
12	4.00-4.49
13	4.50-4.99
14	5.00 and over

## Variable: "POVCATMEPS"

Name:	POVCATMEPS
Label:	MEPS family income as a percentage of the poverty line, IPUMS MEPS constructed, categorical
Variable Text:	<p>POVCATMEPS is an IPUMS MEPS constructed, categorical variable for total family income for MEPS-defined families as a percentage of the poverty line. MEPS families are defined as a group of two or more people related by birth, marriage, adoption, foster care, or cohabitation and residing together. Unlike the CPS-defined family, MEPS family does include unmarried partners and foster children.</p> <p>Total family income is constructed using person-level total income, comprised of: annual earnings from wages, salaries, bonuses, tips, commissions; business and farm gains and losses; unemployment and workman's compensation; interest and dividends; alimony, child support, and other private cash transfers; private pensions, IRA withdrawals, social security, and veterans payments; supplemental security income and cash welfare payments from public assistance, Aid to Families with Dependent Children, and Aid to Dependent Children; gains or losses from estates, trusts, partnerships, S corporations, rent, and royalties; and a small amount of "other" income. Total individual income excluded tax refunds and capital gains.</p> <p>To construct POVCATMEPS, total individual income was summed across members of the MEPS family (defined by FAMIDYR) to yield a MEPS family income total. Total MEPS family income was then divided by the applicable poverty line (based on family size and composition), with the resulting percentages grouped into fourteen categories.</p> <p>Persons missing FAMIDYR were treated as one-person families in constructing POVCATMEPS. POVCATMEPS was constructed using publicly available total individual income, which has been edited and top-coded. Due to this editing of the income data, POVCATMEPS may not always match what is reported in the MEPS poverty variables.</p> <p>A continuous variable POVLEV for the ratio of total family income to federal poverty line is also available beginning in 2007. A categorical variable POVCAT is available for all survey years, and is constructed from income data that has not been top-coded, however, it offers less detailed poverty ratio categories. Additionally, an IPUMS MEPS constructed variable (POVCATCPS) is available for all survey years, and contains more detailed poverty line ratio categories. POVLEV, POVCAT, and POVCATCPS all calculate family income to poverty level ratios for the CPS family (excludes foster children and unmarried partners). POVCATCPS is constructed from the public (edited and top-coded) versions of total individual income (summed across CPS family), and therefore may not exactly match POVCAT.</p>
Concept:	Poverty Variables -- PERSON
Start Position:	140

End Position:	141																														
Width:	2																														
Variable Format:	numeric																														
Implied Decimal Places:	0																														
<b>Categories</b>																															
<table><tr><th>Value</th><th>Label</th></tr><tr><td>01</td><td>Under 0.50</td></tr><tr><td>02</td><td>0.50-0.74</td></tr><tr><td>03</td><td>0.75-0.99</td></tr><tr><td>04</td><td>1.00-1.24</td></tr><tr><td>05</td><td>1.25-1.49</td></tr><tr><td>06</td><td>1.50-1.74</td></tr><tr><td>07</td><td>1.75-1.99</td></tr><tr><td>08</td><td>2.00-2.49</td></tr><tr><td>09</td><td>2.50-2.99</td></tr><tr><td>10</td><td>3.00-3.49</td></tr><tr><td>11</td><td>3.50-3.99</td></tr><tr><td>12</td><td>4.00-4.49</td></tr><tr><td>13</td><td>4.50-4.99</td></tr><tr><td>14</td><td>5.00 and over</td></tr></table>		Value	Label	01	Under 0.50	02	0.50-0.74	03	0.75-0.99	04	1.00-1.24	05	1.25-1.49	06	1.50-1.74	07	1.75-1.99	08	2.00-2.49	09	2.50-2.99	10	3.00-3.49	11	3.50-3.99	12	4.00-4.49	13	4.50-4.99	14	5.00 and over
Value	Label																														
01	Under 0.50																														
02	0.50-0.74																														
03	0.75-0.99																														
04	1.00-1.24																														
05	1.25-1.49																														
06	1.50-1.74																														
07	1.75-1.99																														
08	2.00-2.49																														
09	2.50-2.99																														
10	3.00-3.49																														
11	3.50-3.99																														
12	4.00-4.49																														
13	4.50-4.99																														
14	5.00 and over																														

**Variable: "HEALTH"**

Name:	HEALTH
Label:	Health status
Variable Text:	HEALTH rates an individual's general health (as self-reported by the person in question) on a five-point Likert scale, ranging from "excellent" to "poor."

	HEALTH is one of a set of variables comprising the Veteran's RAND 12-item scale measuring self-rated health, collected on the Adult Self-Administered Questionnaire (SAQ). For related variables and more information, please see ADDAYA.
Concept:	Health Status Variables -- PERSON
Start Position:	142
End Position:	142
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
0	NIU
1	Excellent
2	Very Good
3	Good
4	Fair
5	Poor
7	Unknown-refused
8	Unknown-not ascertained
9	Unknown-don't know

### Variable: "HINOTCOV"

Name:	HINOTCOV
Label:	Has no health insurance (excluding single service plans)
Variable Text:	For all persons, HINOTCOV indicates whether the individual was not covered by health insurance at any time in the current calendar year. If an individual indicates not being covered by any of the forms of health insurance listed below, they are set to "Yes, has no coverage." If they indicate being covered by at least one of those methods for any length of time during the current calendar year, they are marked as "No, has coverage." An

	individual's response to other health insurance variables determines their health insurance coverage status. The variables HIPRIVATE, HICHAMPANY, HIMACHIP, HIMCARE, HIOTHGOVA, and HIOTHGOVB indicate whether an individual was covered by private health insurance, military health insurance, Medicaid and/or SCHIP, Medicare, or other public health insurance at any point during the current calendar year.										
Concept:	General Coverage Variables -- PERSON										
Start Position:	143										
End Position:	144										
Width:	2										
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>00</td><td>NIU</td></tr> <tr> <td>01</td><td>No, has coverage</td></tr> <tr> <td>02</td><td>Yes, has no coverage</td></tr> <tr> <td>09</td><td>Unknown/refused</td></tr> </tbody> </table>		Value	Label	00	NIU	01	No, has coverage	02	Yes, has no coverage	09	Unknown/refused
Value	Label										
00	NIU										
01	No, has coverage										
02	Yes, has no coverage										
09	Unknown/refused										

**Variable: "HIPRIVATE"**

Name:	HIPRIVATE
Label:	Has any private health insurance
Variable Text:	For all persons, HIPRIVATE is an annual summary variable that indicates whether the person had private health insurance coverage from any source, including TRICARE/CHAMPVA, for at least one day during the calendar year. This variable was constructed by AHRQ staff based on the values of the corresponding 12 month-by-month private health insurance coverage variables (PRIJA-PRIDE).
Concept:	General Coverage Variables -- PERSON
Start Position:	145
End Position:	146



Width:	2						
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>01</td><td>No</td></tr> <tr> <td>02</td><td>Yes</td></tr> </tbody> </table>		Value	Label	01	No	02	Yes
Value	Label						
01	No						
02	Yes						

### Variable: "HICHAMPANY"

Name:	HICHAMPANY
Label:	Has CHAMPUS, TRICARE, or CHAMP-VA insurance
Variable Text:	<p>For all persons, HICHAMPANY is an annual summary variable that indicates whether the person had TRICARE health insurance coverage for at least one day during the calendar year (for 2000-forward) and CHAMPUS health insurance coverage for at least one day during the calendar year (for 1996-1999). TRICARE (formerly, CHAMPUS) is a Department of Defense regionally-managed health care program that provides comprehensive coverage for active duty US military personnel, military retirees, their dependents and survivors.</p> <p>This variable was constructed by AHRQ staff based on the values of the corresponding 12 month-by-month TRICARE health insurance coverage variables (TRIJAX-TRIDEX) for 2000-forward and the corresponding 12 month-by-month CHAMPUS health insurance coverage variables for 1996-1999 (not yet available through IPUMS MEPS).</p>
Concept:	General Coverage Variables -- PERSON
Start Position:	147
End Position:	148
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
<b>Categories</b>	

Value	Label
01	Not mentioned
02	Mentioned

**Variable: "HIMACHIP"**

Name:	HIMACHIP
Label:	Covered by Medicaid and/or SCHIP
Variable Text:	<p>HIMACHIP indicates whether the person currently had health insurance coverage through public assistance, Medicaid, or a State Children's Health Insurance Program (SCHIP). This variable was constructed by AHRQ staff based on the values of the corresponding 12 month-by-month Medicaid health insurance coverage variables (MAJAMADE).</p> <p>Definitions&amp;nbsp;Family respondents were asked about public assistance, Medicaid, or SCHIP coverage during the Health Insurance portion of the questionnaire. Respondents were asked "Let's talk (again) about all the health insurance coverage the family may have to help pay for the costs of medical care (since {START DATE}/between {START DATE} and {END DATE})." Respondents were prompted to retrieve any insurance cards or identifying information to help answer questions about health insurance coverage.</p> <p>Respondents were asked "{Medicaid/{STATE NAME FOR MEDICAID}} or {STATE CHIP NAME} are state programs that pay for health care for persons in need. People covered by {Medicaid/{STATE NAME FOR MEDICAID}} or {STATE CHIP NAME} may have a (piece of paper/card) that looks something like this.</p> <p>At any time {since {START DATE}/between {START DATE} and {END DATE}}, has anyone in the family been covered by {Medicaid/{STATE NAME FOR MEDICAID}} or {STATE CHIP NAME}?" If respondents needed more explanation of Medicaid or SCHIP, they were told:</p> <p>"Medicaid is a federally-assisted, state-administered program that offers health benefits to low income persons on public assistance. The program also may cover the aged, the blind, and the disabled who are in financial need. Medicaid may be known by different names in different states.</p> <p>The Children's Health Insurance Program (SCHIP) is a program which gives each state permission to offer health insurance for children, up to age 19, who are not already insured and for uninsured families with limited income and resources who earn too much to qualify for Medicaid. SCHIP is a state administered program and may be known by different names in different states."</p>
Concept:	General Coverage Variables -- PERSON
Start Position:	149
End Position:	149
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>No</td> </tr> <tr> <td>2</td> <td>Yes</td> </tr> </tbody> </table>		Value	Label	1	No	2	Yes
Value	Label						
1	No						
2	Yes						

**Variable: "HIMCARE"**

Name:	HIMCARE
Label:	Has Medicare insurance
Variable Text:	For all persons, HIMCARE indicates whether the person had Medicare coverage for at least one day of the calendar year. This variable was constructed by AHRQ staff based on the values of the corresponding 12 month-by-month Medicare health insurance coverage variables (MCJA-MCDE).
Concept:	General Coverage Variables -- PERSON
Start Position:	150
End Position:	150
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>Not mentioned or No</td> </tr> <tr> <td>2</td> <td>Mentioned or Yes</td> </tr> </tbody> </table>		Value	Label	1	Not mentioned or No	2	Mentioned or Yes
Value	Label						
1	Not mentioned or No						
2	Mentioned or Yes						

**Variable: "HIOTHGOV"**

Name:	HIOTHGOV
Label:	Covered by other public healthcare coverage
Variable Text:	<p>HIOTHGOV indicates whether, for at least one day of the current calendar year, the person had other public healthcare coverage. This variable was constructed by AHRQ staff based on the values of the corresponding 12 month-by-month other public health care coverage variables (OPJA-OPDE).</p> <p>HIOTHGOV and the OPMM variables are provided only to assist in editing and should not be used to make separate insurance estimates for these types of insurance categories. Questions about other public hospital/physician coverage were asked to confirm whether a person who did not initially report any comprehensive coverage during a round has insurance. Respondents reporting other hospital/physician coverage were asked follow-up questions to determine if they had any other public coverage (HIOTHGOV, other public coverage that is an HMO (HIOTHGOVHMO), and other public coverage where a premium is paid (HIOTHGOVPREM). These variables are not mutually exclusive.</p> <p>Prior to 2018, the variables HIOTHGOVA (public managed care health insurance (HMO) with premiums) and HIOTHGOVB (other public non-managed health insurance) reported other public insurance coverage but did not disaggregate whether the coverage was from an HMO or if the coverage required a premium. Analysts should be aware that they might see changes in coverage trends if using these variables in combination with HIOTHGOV, HIOTHGOVHMO and/or HIOTHGOVPREM.</p>
Concept:	General Coverage Variables -- PERSON
Start Position:	151
End Position:	151
Width:	1
Variable Format:	numeric
Implied Decimal Places:	0

### Categories

Value	Label
0	NIU
1	No or Not mentioned
2	Yes or Mentioned
7	Unknown-refused
8	Unknown-not ascertained

9

Unknown-don't know

**Variable: "HIOTHGOVHMO"**

Name:	HIOTHGOVHMO						
Label:	Covered by other public healthcare coverage that is an HMO						
Variable Text:	<p>HIOTHGOVHMO indicates whether, for at least one day of the current calendar year, the person had other public health care coverage that is an HMO. This variable was constructed by AHRQ staff based on the values of the corresponding 12 month-by-month other public health care coverage variables (OPHMOJA-OPHMODE).</p> <p>HIOTHGOV and the OPMM variables are provided only to assist in editing and should not be used to make separate insurance estimates for these types of insurance categories. Questions about other public hospital/physician coverage were asked to confirm whether a person who did not initially report any comprehensive coverage during a round has insurance. Respondents reporting other hospital/physician coverage were asked follow-up questions to determine if they had any other public coverage (HIOTHGOV, other public coverage that is an HMO (HIOTHGOVHMO), and other public coverage where a premium is paid (HIOTHGOVPREM). These variables are not mutually exclusive.</p> <p>Prior to 2018, the variables HIOTHGOVA (public managed care health insurance (HMO) with premiums) and HIOTHGOVB (other public non-managed health insurance) reported other public insurance coverage but did not disaggregate whether the coverage was from an HMO or if the coverage required a premium. Analysts should be aware that they might see changes in coverage trends if using these variables in combination with HIOTHGOVHMO, HIOTHGOV and/or HIOTHGOVPREM.</p>						
Concept:	General Coverage Variables -- PERSON						
Start Position:	152						
End Position:	152						
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>No</td></tr> <tr> <td>2</td><td>Yes</td></tr> </tbody> </table>		Value	Label	1	No	2	Yes
Value	Label						
1	No						
2	Yes						

**Variable: "HIOTHGOVPREM"**

Name:	HIOTHGOVPREM						
Label:	Covered by other public healthcare coverage with a premium						
Variable Text:	<p>HIOTHGOVPREM indicates whether, for at least one day of the current calendar year, the person had other public coverage where a premium is paid. This variable was constructed by AHRQ staff based on the values of the corresponding 12 month-by-month other public health care coverage variables (OPPREMJA-OPPREMDE).</p> <p>HIOTHGOVPREM and the OPPREMM variables are provided only to assist in editing and should not be used to make separate insurance estimates for these types of insurance categories. Questions about other public hospital/physician coverage were asked to confirm whether a person who did not initially report any comprehensive coverage during a round has insurance. Respondents reporting other hospital/physician coverage were asked follow-up questions to determine if they had any other public coverage (HIOTHGOV, other public coverage that is an HMO (HIOTHGOVHMO), and other public coverage where a premium is paid (HIOTHGOVPREM). These variables are not mutually exclusive.</p> <p>Prior to 2018, the variables HIOTHGOVA (public managed care health insurance (HMO) with premiums) and HIOTHGOVB (other public non-managed health insurance) reported other public insurance coverage but did not disaggregate whether the coverage was from an HMO or if the coverage required a premium. Analysts should be aware that they might see changes in coverage trends if using these variables in combination with HIOTHGOVPREM, HIOTHGOVHMO and/or HIOTHGOV.</p>						
Concept:	General Coverage Variables -- PERSON						
Start Position:	153						
End Position:	153						
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>No</td></tr> <tr> <td>2</td><td>Yes</td></tr> </tbody> </table>		Value	Label	1	No	2	Yes
Value	Label						
1	No						
2	Yes						

**Variable: "HIVA"**

Name:	HIVA
-------	------

Label:	Covered by VA military health care														
Variable Text:	<p>HIVA indicates whether, for at least one day of the current calendar year, the person had Veteran's Administration health insurance coverage. This variable was constructed by AHRQ staff based on the values of the corresponding 12 month-by-month other hospital/physician managed health care coverage variables (VAJA-VADE).</p> <p>The VAMM variables are provided only to assist in editing and should not be used to make separate insurance estimates for these types of insurance categories.</p> <p>Other military health coverage under TRICARE or CHAMP-VA is reported in HICHAMPANY.</p>														
Concept:	General Coverage Variables -- PERSON														
Start Position:	154														
End Position:	154														
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>NIU</td></tr> <tr> <td>1</td><td>Not mentioned or No</td></tr> <tr> <td>2</td><td>Mentioned or Yes</td></tr> <tr> <td>7</td><td>Unknown - refused</td></tr> <tr> <td>8</td><td>Unknown - not ascertained</td></tr> <tr> <td>9</td><td>Unknown - don't know</td></tr> </tbody> </table>		Value	Label	0	NIU	1	Not mentioned or No	2	Mentioned or Yes	7	Unknown - refused	8	Unknown - not ascertained	9	Unknown - don't know
Value	Label														
0	NIU														
1	Not mentioned or No														
2	Mentioned or Yes														
7	Unknown - refused														
8	Unknown - not ascertained														
9	Unknown - don't know														

**Variable: "COVERTYPE"**

Name:	COVERTYPE
Label:	Health insurance coverage type (hierarchy)

Variable Text:	<p>For all persons, COVERTYPE reports the persons' health insurance coverage type recoded into a hierarchy. COVERTYPE includes three mutually exclusive categories and persons with more than one type of health insurance coverage were assigned to the first appropriate category in the following hierarchy:</p> <p>Private, including persons who had any private insurance coverage during the calendar year, including TRICARE/CHAMPVA.</p> <p>Public only, including persons who only had public coverage during the calendar year.</p> <p>Uninsured, including persons who were uninsured for the entire calendar year.</p>														
Concept:	General Coverage Variables -- PERSON														
Start Position:	155														
End Position:	155														
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>NIU</td></tr> <tr> <td>1</td><td>Private</td></tr> <tr> <td>2</td><td>Medicaid and other public</td></tr> <tr> <td>3</td><td>Other coverage</td></tr> <tr> <td>4</td><td>Uninsured</td></tr> <tr> <td>5</td><td>Don't know</td></tr> </tbody> </table>		Value	Label	0	NIU	1	Private	2	Medicaid and other public	3	Other coverage	4	Uninsured	5	Don't know
Value	Label														
0	NIU														
1	Private														
2	Medicaid and other public														
3	Other coverage														
4	Uninsured														
5	Don't know														

**Variable: "COVTYPEAGE"**

Name:	COVTYPEAGE
Label:	Health insurance coverage type (hierarchy with age)
Variable Text:	<p>For all persons, COVTYPEAGE reports the person's health insurance recoded into a hierarchy with mutually exclusive categories based on coverage type and age. COVTYPEAGE is constructed by the Agency for Healthcare Research and Quality (AHRQ)</p>



from other annual health insurance variables and age as a convenience to users who wish to replicate published tables on health insurance coverage type by age.

The treatment of health insurance coverage type by COVTYPEAGE differs from other MEPS health insurance coverage type variables. For the purposes of coverage type classification in COVTYPEAGE, TRICARE/CHAMPVA is treated as private health insurance coverage. COVTYPEAGE also considers TRICARE/CHAMPVA to be private health insurance coverage. However, in all other MEPS annual health insurance variables, TRICARE is classified as public coverage. For users who wish to treat TRICARE as public coverage, it is possible to reconstruct COVTYPEAGE using HIPPRIVATE and HICHAMPANY. Additionally, Medicare coverage was determined using the edited version of Medicare reported in HIMCARE.

COVTYPEAGE includes EIGHT mutually exclusive categories and those with more than one type of health insurance coverage were assigned to the first appropriate category in the following hierarchy:

Any Private (0-64): The person is between ages 0 and 64 and is covered by private insurance or TRICARE/CHAMPVA at any time during the calendar year. Note that persons under age 65 with both private insurance or TRICARE/CHAMPVA and a source of public coverage will be coded as "Any Private."

Public Only (0-64): The person is between ages 0 and 64 and was covered only by public insurance during the calendar year.

Uninsured (0-64): The person is between ages 0 and 64 and was uninsured for the entire calendar year.

Medicare Only (65+): The person is 65 years of age or older and was covered only by Medicare during the calendar year.

Medicare and Private (65+): The person is 65 years of age or older and was covered by Medicare and private insurance or TRICARE/CHAMPVA during the calendar year.

Medicare and Other Public (65+): The person is 65 years of age or older and was covered by Medicare and another source of public health insurance coverage (Medicaid/SCHIP, Other Government (type A), or Other Government (type B) during the calendar year).

Uninsured (65+): The person is 65 years of age or older and had no source of health insurance coverage during the calendar year.

No Medicare but Any Private and/or Public (65+): The person is 65 years of age or older and was not covered by Medicare but did have another private or non-Medicare public source of health insurance coverage during the calendar year.

Related Variables

COVTYPE: Health insurance coverage type (hierarchy)

Concept:	General Coverage Variables -- PERSON
Start Position:	156
End Position:	157
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0

**Categories**

Value	Label
10	Any private (lt 65 yrs old)
20	Public only (lt 65 yrs old)
30	Uninsured (lt 65 yrs old)
40	Edited Medicare only (ge 65 yrs old)
50	Edited Medicare and Private (ge 65 yrs old)
60	Edited Medicare and Other Public (ge 65 yrs old)
70	Does not have Medicare (ge 65 yrs old)
71	Uninsured (ge 65 yrs old)
72	No Medicare but any Public/Private (ge 65 yrs old)

**Variable: "CANCEREV"**

Name:	CANCEREV
Label:	Ever told had cancer
Variable Text:	<p>For persons ages 18 and older who were living at the time of the Round 1 interview, CANCEREV identifies respondents who have been diagnosed with cancer. Respondents were asked if they have ever been told "by a doctor or other health professional that (PERSON) had cancer or a malignancy of any kind?"</p> <p>Beginning in Panel 12, CANCEREV was included as a Priority Condition in the Priority Conditions Enumeration (PE) section. For more information about how the panel design of the MEPS impacts data collection, please see the MEPS Panel Design user note. The PE section was asked in its entirety in Round 1 for all current or institutionalized persons, and in Rounds 2 and 4 only for new reporting unit members. In Rounds 3 and 5, the specific condition questions (except joint pain and chronic bronchitis) were asked only if the person had not reported the condition in a previous round; the joint pain and chronic bronchitis questions were asked in Rounds 3 and 5 for all current or institutionalized persons aged 18 or older, regardless of Round 1, Round 2, and Round 4 responses. However, beginning in 2017, the PE section is no longer asked in Round 5. The conditions included in the PE section are:</p> <p>High blood pressure, including multiple diagnoses (HYPERTENEV)</p> <p>Heart disease (including coronary heart disease, angina, myocardial infarction, and other unspecified heart disease) (CHEARTDIEV)</p> <p>Stroke (STROKEV)</p> <p>Emphysema (EMPHYSEMEV)</p> <p>Chronic Bronchitis</p> <p>High cholesterol, including the age of diagnosis (CHOLHIGHEV, CHOLHIGHAGE)</p> <p>Cancer</p>

	<p>Diabetes (DIABETICEV)</p> <p>Joint pain</p> <p>Arthritis (ARTHGLUPEV)</p> <p>Asthma (ASTHMAEV)</p> <p>Attention Deficit Hyperactivity Disorder/Attention Deficit Disorder (ADHD/ADD) (ADDEV) These conditions were selected because of their relatively high prevalence, and because generally accepted standards for appropriate clinical care have been developed.</p> <p>Beginning with Panel 12, condition data were collected at the person-by-round level (indicating if the person was ever diagnosed with the condition) and at the condition level. If the person reported having been diagnosed with a condition, the person-by-round variable was set to '1' (Yes) and a condition record for that medical condition was created.</p>														
Concept:	Cancer Variables -- PERSON														
Start Position:	158														
End Position:	158														
Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table><tr><th>Value</th><th>Label</th></tr><tr><td>0</td><td>NIU</td></tr><tr><td>1</td><td>No</td></tr><tr><td>2</td><td>Yes</td></tr><tr><td>7</td><td>Unknown-refused</td></tr><tr><td>8</td><td>Unknown-not ascertained</td></tr><tr><td>9</td><td>Unknown-don't know</td></tr></table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown-refused														
8	Unknown-not ascertained														
9	Unknown-don't know														

**Variable: "CHOLHIGHEV"**

Name:	CHOLHIGHEV
-------	------------

Label:	Ever told had high cholesterol
Variable Text:	<p>CHOLHIGHEV identifies persons over age 17 who have been diagnosed with high cholesterol. Respondents were asked if they have ever been told "by a doctor or other health professional that (PERSON) had high cholesterol?"</p> <p>Beginning in Panel 12, CHOLHIGHEV was included as a Priority Condition in the Priority Conditions Enumeration (PE) section. The PE section was asked in its entirety in Round 1 for all current or institutionalized persons, and in Rounds 2 and 4 for only new reporting unit members. In Rounds 3 and 5, the specific condition questions (except joint pain and chronic bronchitis) were asked only if the person had not reported the condition in a previous round; the joint pain and chronic bronchitis questions were asked in Rounds 3 and 5 for all current or institutionalized persons aged 18 or older, regardless of Round 1, Round 2, and Round 4 responses. The conditions included in the PE section are:</p> <p>High blood pressure, including multiple diagnoses</p> <p>Heart disease (including coronary heart disease, angina, myocardial infarction, and other unspecified heart disease)</p> <p>Stroke</p> <p>Emphysema</p> <p>Chronic Bronchitis</p> <p>High cholesterol, including the age of diagnosis</p> <p>Cancer</p> <p>Diabetes</p> <p>Joint pain</p> <p>Arthritis</p> <p>Asthma</p> <p>Attention Deficit Hyperactivity Disorder/Attention Deficit Disorder (ADHD/ADD)</p> <p>These conditions were selected because of their relatively high prevalence, and because generally accepted standards for appropriate clinical care have been developed.</p> <p>Beginning with Panel 12, condition data were collected at the person-by-round level (indicating if the person was ever diagnosed with the condition) and at the condition level. If the person reported having been diagnosed with a condition, the person-by-round variable was set to '1' (Yes) and a condition record for that medical condition was created.</p>
Concept:	Other Conditions Variables -- PERSON
Start Position:	159
End Position:	159

Width:	1														
Variable Format:	numeric														
Implied Decimal Places:	0														
<b>Categories</b>															
<table><tr><th>Value</th><th>Label</th></tr><tr><td>0</td><td>NIU</td></tr><tr><td>1</td><td>No</td></tr><tr><td>2</td><td>Yes</td></tr><tr><td>7</td><td>Unknown-refused</td></tr><tr><td>8</td><td>Unknown-not ascertained</td></tr><tr><td>9</td><td>Unknown-don't know</td></tr></table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown-refused														
8	Unknown-not ascertained														
9	Unknown-don't know														

**Variable: "DIABETICEV"**

Name:	DIABETICEV
Label:	Ever told had diabetes
Variable Text:	<p>DIABETICEV identifies persons over age 17 who have been diagnosed with diabetes, other than during pregnancy. Respondents were asked if, other than during pregnancy, they have ever been told "by a doctor or other health professional that (PERSON) had diabetes or sugar diabetes?"</p> <p>Beginning in Panel 12, DIABETICEV was included as a Priority Condition in the Priority Conditions Enumeration (PE) section. The PE section was asked in its entirety in Round 1 for all current or institutionalized persons, and in Rounds 2 and 4 for only new reporting unit members. In Rounds 3 and 5, the specific condition questions (except joint pain and chronic bronchitis) were asked only if the person had not reported the condition in a previous round; the joint pain and chronic bronchitis questions were asked in Rounds 3 and 5 for all current or institutionalized persons aged 18 or older, regardless of Round 1, Round 2, and Round 4 responses. The conditions included in the PE section are:</p> <p>High blood pressure, including multiple diagnoses</p> <p>Heart disease (including coronary heart disease, angina, myocardial infarction, and other unspecified heart disease)</p> <p>Stroke</p> <p>Emphysema</p> <p>Chronic Bronchitis</p>

High cholesterol, including the age of diagnosis

Cancer

Diabetes

Joint pain

Arthritis

Asthma

Attention Deficit Hyperactivity Disorder/Attention Deficit Disorder (ADHD/ADD)  
These conditions were selected because of their relatively high prevalence, and because generally accepted standards for appropriate clinical care have been developed.

Beginning with Panel 12, condition data were collected at the person-by-round level (indicating if the person was ever diagnosed with the condition) and at the condition level. If the person reported having been diagnosed with a condition, the person-by-round variable was set to '1' (Yes) and a condition record for that medical condition was created.

Concept: Other Conditions Variables -- PERSON

Start  
Position: 160

End  
Position: 160

Width: 1

Variable  
Format: numeric

Implied  
Decimal  
Places: 0

### Categories

Value	Label
0	NIU
1	No or not mentioned
2	Yes or mentioned
3	Borderline
7	Unknown-refused

8	Unknown-not ascertained
9	Unknown-don't know

**Variable: "HEARTCONEV"**

Name:	HEARTCONEV
Label:	Ever told had heart condition/disease
Variable Text:	<p>HEARTCONEV identifies persons over age 17 who have been diagnosed with a heart condition or heart disease other than coronary heart disease, angina, or heart attack. Respondents were asked if they have ever been told "by a doctor or other health professional that (PERSON) had any other kind of heart condition or heart disease, other than coronary heart disease, angina, or heart attack?"</p> <p>Beginning in Panel 12, HEARTCONEV was included as a Priority Condition in the Priority Conditions Enumeration (PE) section. The PE section was asked in its entirety in Round 1 for all current or institutionalized persons, and in Rounds 2 and 4 for only new reporting unit members. In Rounds 3 and 5, the specific condition questions (except joint pain and chronic bronchitis) were asked only if the person had not reported the condition in a previous round; the joint pain and chronic bronchitis questions were asked in Rounds 3 and 5 for all current or institutionalized persons aged 18 or older, regardless of Round 1, Round 2, and Round 4 responses. The conditions included in the PE section are:</p> <p>High blood pressure, including multiple diagnoses</p> <p>Heart disease (including coronary heart disease, angina, myocardial infarction, and other unspecified heart disease)</p> <p>Stroke</p> <p>Emphysema</p> <p>Chronic Bronchitis</p> <p>High cholesterol, including the age of diagnosis</p> <p>Cancer</p> <p>Diabetes</p> <p>Joint pain</p> <p>Arthritis</p> <p>Asthma</p> <p>Attention Deficit Hyperactivity Disorder/Attention Deficit Disorder (ADHD/ADD)</p> <p>These conditions were selected because of their relatively high prevalence, and because generally accepted standards for appropriate clinical care have been developed.</p> <p>Beginning with Panel 12, condition data were collected at the person-by-round level (indicating if the person was ever diagnosed with the condition) and at the condition level. If the person reported having been diagnosed with a condition, the person-by-</p>

	round variable was set to '1' (Yes) and a condition record for that medical condition was created.														
Concept:	Other Conditions Variables -- PERSON														
Start Position:	161														
End Position:	161														
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>NIU</td></tr> <tr> <td>1</td><td>No</td></tr> <tr> <td>2</td><td>Yes</td></tr> <tr> <td>7</td><td>Unknown-refused</td></tr> <tr> <td>8</td><td>Unknown-not ascertained</td></tr> <tr> <td>9</td><td>Unknown-don't know</td></tr> </tbody> </table>		Value	Label	0	NIU	1	No	2	Yes	7	Unknown-refused	8	Unknown-not ascertained	9	Unknown-don't know
Value	Label														
0	NIU														
1	No														
2	Yes														
7	Unknown-refused														
8	Unknown-not ascertained														
9	Unknown-don't know														

**Variable: "HYPERTENAGE"**

Name:	HYPERTENAGE
Label:	High blood pressure, age at diagnosis
Variable Text:	<p>For respondents who had ever been told that they have high blood pressure/hypertension (HYPERTENEV), HYPERTENAGE reports how old the person was when the high blood pressure/hypertension was first diagnosed.</p> <p>Related Variables&amp;nbsp;HYPERTENAGE is one of a series of variables reporting age at first diagnosis of specific chronic conditions. Other variables in the series report age at diagnosis of the following conditions:</p> <p>coronary heart disease (CHEARTDIAGE)</p> <p>angina (ANGIPECAGE)</p>



	heart attack (HEARTATTAGE)
	other heart condition (HEARTCONAGE)
	emphysema (EMPHYSEMAGE)
	high cholesterol (CHOLHIGHAGE)
	arthritis (ARTHGLUPAGE)
	asthma (ASTHMAAGE)
	adhd/add (ADDAGE)
Concept:	Other Conditions Variables -- PERSON
Start Position:	162
End Position:	163
Width:	2
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	This is a 2-digit numeric variable with 0 implied decimal places

### Variable: "EXPTOT"

Name:	EXPTOT
Label:	Annual total of direct health care payments
Variable Text:	<p>For all persons, EXPTOT captures the sum of direct payments for care provided during the year, including out-of-pocket payments and payments by private insurance, Medicaid, Medicare, and other sources. Payments for over-the-counter drugs and indirect payments not related to specific medical events, such as Medicaid Disproportionate Share and Medicare Direct Medical Education subsidies, are not included in this amount. For more information on how MEPS collects expenditure data, please refer to our user note on medical expenditures.</p> <p>Related variables Variables related to total annual health care expenditures by source of payment, total annual health care expenditures by type of medical service, and total annual health care charges are also available. Please refer to our user note on expenditures for a list of these variables.</p>
Concept:	Total Expenditures Variables -- PERSON

Start Position:	164
End Position:	170
Width:	7
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesEXPTOT is a 6-digit numeric variable.

### Variable: "CHGTOT"

Name:	CHGTOT
Label:	Annual total of charges for health care
Variable Text:	<p>For all persons, CHGTOT captures the sum of fully established charges for care received during the year, excluding those for prescribed medicines. This variable does not usually reflect actual payments made for services, which can be substantially lower due to factors such as negotiated discounts, bad debt, and free care. For more information on how MEPS collects expenditure and charge data, please refer to our user note on medical expenditures.</p> <p>Related variables Variables related to total annual health care charges by source of payment, total annual health care charges by type of medical service, and analogous information for health care expenditures are also available. Please refer to our user note on medical expenditures for a list of these variables.</p>
Concept:	Total Expenditures Variables -- PERSON
Start Position:	171
End Position:	177
Width:	7
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesCHGTOT is a 6-digit numeric variable.

### Variable: "OPEXPTOT"

Name:	OPEXPTOT
Label:	Annual total of direct health care payments to outpatient medical providers
Variable Text:	<p>For all persons, OPEXPTOT captures the sum of direct payments for outpatient care provided during the year, including out-of-pocket payments and payments by private insurance, Medicaid, Medicare, and other sources. Payments for over-the-counter drugs and indirect payments not related to specific medical events, such as Medicaid Disproportionate Share and Medicare Direct Medical Education subsidies, are not included in this amount. For more information on how MEPS collects expenditure data, please refer to our user note on medical expenditures.</p> <p>Related variables Variables related to total annual health care expenditures by source of payment, total annual health care expenditures by type of medical service, and total annual health care charges are also available. Please refer to our user note on expenditures for a list of these variables.</p>
Concept:	Outpatient Provider Expenditures Variables -- PERSON
Start Position:	178
End Position:	183
Width:	6
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesOPEXPTOT is a 6-digit numeric variable.

### Variable: "OPCHGTOT"

Name:	OPCHGTOT
Label:	Annual total charges for health care from outpatient medical providers
Variable Text:	<p>For all persons, OPCHGTOT captures the sum of fully established charges for outpatient care received during the year. This variable does not usually reflect actual payments made for services, which can be substantially lower due to factors such as negotiated discounts, bad debt, and free care. For more information on how MEPS collects expenditure and charge data, please refer to our user note on medical expenditures.</p> <p>Related variables Variables related to total annual health care charges by source of payment, total annual health care charges by type of medical service, and analogous information for health care expenditures are also available. Please refer to our user note on medical expenditures for a list of these variables.</p>
Concept:	Outpatient Provider Expenditures Variables -- PERSON

Start Position:	184
End Position:	190
Width:	7
Variable Format:	numeric
Implied Decimal Places:	0
Coder Instructions:	CodesOPCHGTOT is a 6-digit numeric variable.