



Person level files include the Point-in-Time file, the Full Year Population Characteristics file, and the Full Year Consolidated Data File.







For full calendar year 2002 estimates, Rounds 1, 2, and 3 of Panel 7 (which uses the 2001 NHIS as its sampling frame) are combined with Rounds 3, 4, and 5 of Panel 6 (which uses the 2000 NHIS as its sampling frame).





When selecting variables from the NHIS to merge onto the MEPS, only variables from the Family section of the NHIS should be considered, since these variables will have been asked of all persons. Supplements only collect data from a sampled adult or child.



MEPS started in 1996 and Panels are numbered sequentially according to start year i.e., Panel 1 started in 1996, Panel 2 started in 1997, etc.



For example, to track health status changes over time for a particular condition, you may want to look at changes in health status over three years.





Control totals are noted in the link file documentation.



Linked MEPS-NHIS Estimation Issues

MEPS	2002 Linkage	e File Record	d Counts	5
	Linked	to NHIS	Not	Total
	2000 NHIS PUF (n=100,617)	2001 NHIS PUF (n=100,760)	Linked to NHIS	
MEPS HC-062 Panel 6 persons (n=21,959)	19,351 (88.1%)		2,608 (11.9%)	21,959
MEPS HC-062 Panel 7 persons (n=17,206)		15,577 (90.5%)	1,629 (9.5%)	17,206
Total	34, (89.	4,237 (10.8)	39,165	



The AHRQ Data Center is a physical space at AHRQ in Rockville, Maryland, where researchers with approved projects can be allowed access to files not available for public use. These files may contain data that AHRQ has not fully edited, or may contain levels of detail that are not approved for public release.

Researchers with such approved projects are allowed to access only the information required to complete their projects, and micro data files are not released. Summary data (tables, regression equations) may be removed from the Data Center subject to review by AHRQ staff. Regression output tends to be approved quickly while summary data may take a few days.









Data sources for the ARF include NCHS detail mortality and natality records, AHA facilities, and AMA physician specialty data. All information contained on the file is derived from existing data sources.

HRSA -- Health Resources and Services Administration: http://www.hrsa.gov









For example, the following variables are from file HC-059G, MEPS 2001 OFFICE-BASED MEDICAL PROVIDER VISITS:

```
OBMD01X -- AMOUNT PAID, MEDICAID (IMPUTED)
OBMR01X -- AMOUNT PAID, MEDICARE (IMPUTED)
OBOF01X -- AMOUNT PAID, OTHER FEDERAL (IMPUTED)
OBOR01X -- AMOUNT PAID, OTHER PRIVATE (IMPUTED)
OBOT01X -- AMOUNT PAID, OTHER INSURANCE (IMPUTED)
OBOU01X -- AMOUNT PAID, OTHER PUBLIC (IMPUTED)
OBPV01X -- AMOUNT PAID, PRIVATE INSURANCE (IMPUTED)
OBSF01X -- AMOUNT PAID, FAMILY (IMPUTED)
OBSL01X -- AMOUNT PAID, STATE & LOCAL GOV (IMPUTED)
OBTC01X -- HHLD REPORTED TOTAL CHARGE (IMPUTED)
OBTR01X -- AMOUNT PAID, TRICARE (IMPUTED)
OBVA01X -- AMOUNT PAID, VETERANS (IMPUTED)
OBVA01X -- AMOUNT PAID, VETERANS (IMPUTED)
OBVC01X -- AMOUNT PAID, WORKERS COMP (IMPUTED)
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OBICD1X -- 3-DIGIT ICD-9-CM CONDITION CODE OBICD2X -- 3-DIGIT ICD-9-CM CONDITION CODE OBICD3X -- 3-DIGIT ICD-9-CM CONDITION CODE OBICD4X -- 3-DIGIT ICD-9-CM CONDITION CODE



If covered under a flat fee, all pregnancy related events (the prenatal visit, the delivery, and the postpartum visits) would have the same value for FFEEIDX.

Events files Linkage						
Example: Using the Provider Visits File variable to identify older that had at le general checkup.	ne 2001 Offic e, create a p y persons 18 east one offi	ce-Based erson-lev years ol ce visit fo	Medical vel d and or a			
General checkup adults 18 and older percent	Sample size	Percent	SE			
Total	22965	100.0	0.0			
No general checkup At least one	13596	57.5	0.52			
general checkup	9369	42.5	0.52			

- Then later, cross that measure with health insurance status and calculate average total and family expenditure for the visit, by health insurance status.
- File HC-059G, the 2001 Office-Based Medical Provider Visits file. The variable VSTCTGRY (question MV07 in the Medical Provider Visits questionnaire) indicates the category of care for the visit:

MV07

Please look at this card and tell me which category **best** describes the care (PERSON) received during the visit to (PROVIDER) on (VISIT DATE)?

GENERAL CHECKUP	1
DIAGNOSIS OR TREATMENT	2
EMERGENCY (E.G., ACCIDENT OR INJURY	()3
PSYCHOTHERAPY OR MENTAL HEALTH	
COUNSELING	4
FOLLOW-UP OR POST-OPERATIVE VISIT .	5
IMMUNIZATIONS OR SHOTS	6
VISION EXAM	7
MATERNITY CARE (PRE/POSTNATAL)	8
WELL CHILD EXAM	9
OTHER	91
REF	7
DK	8



Events files Linkage

General check-up office-based medical provider visit by health insurance status, adults 18 years old and older:

General		Healt	h Insuran	ce Status
Checkup		Total	Insured	Uninsured
	Sample Size	22965	19315	3650
Total	Col Percent	100.0	100.0	100.0
Total	SE Col Percent	0.0	0.0	0.0
No general	Sample Size	13596	10576	3020
checkup	Col Percent	57.5	53.9	82.1
•	SE Col Percent	0.5	0.5	0.8
At least one	Sample Size	9369	8739	630
general	Col Percent	42.5	46.1	17.9
checkup	SE Col Percent	0.5	0.5	0.8

Health Insurance status comes from the full-year file.

Events files Linkage						
Average amo medical prov by insurance older:	unt paid ider visit status, a	for an office-bas for a general che idults 18 years of	ed eck-up, ld and			
Health insurance status	Sample size	Label	Mean			
Insured	8739	Total paid Paid by family	\$271.70 38.73			
Uninsured	630	Total paid Paid by family	\$204.03 83.54			







For example, a chronic condition like diabetes should be reported only once for any given person. However, the condition of diabetes can be reported in several different places in the data collection process. For each subsequent report of diabetes the respondent will be asked if this is the same diabetes as reported earlier. If the respondent states that this is a different diabetes, the subsequent report of diabetes will be treated as a different condition and given a separate record on the Conditions File.







Conditions File Linkage: Identify persons with asthma							
Example: Using the 2001 Medical Conditions file, create a person level variable to identify persons that have at least one record for asthma.							
Asthma		_					
(ICD-9 = 493) 	Sample size	Percent					
Total	32122	100.0					
Has asthma	1584	4.9					
Does not have asthma	30538	95.1					

The 2001 Medical Conditions file -- file HC-061







MEPS H59IF1 CODEBOOK 2001 CONDITION-EVENT LINK FILE DATE: March 17, 2004

NAME: EVENTYPE DESCRIPTION: TYPE OF EVENT CONDITION IS LINKED TO

VALUE	UNWEIGHTED
1 MVIS	157,334
2 OPAT	17,345
3 EROM	6,866
4 STAZ	4,060
7 HVIS	7,981
8 PMED	121,013
TOTAL	314,599

Close



CLNK File

The following records are for one randomly selected person from the 2001 conditions file, CLNK file, and associated Events files:

Conditions	file	CLNK file	Events file			
					PMED Even	<u>its</u>
DUPERSID	CONDIDX	DUPERSID	CONDIDX	EVNTIDX	DUPERSID	LINKIDX /EVNTIDX
42690023	426900230010	42690023	426900230010	426900230023	42690023	426900230030
42690023	426900230026	42690023	426900230010	426900230030	42690023	426900230047
42690023	426900230032	42690023	426900230026	426900230047	42690023	426900230105
42690023	426900230048	42690023	426900230026	426900230061	42690023	426900230105
42690023	426900230054	42690023	426900230026	426900230078	42690023	426900230105
42690023	426900230060	42690023	426900230026	426900230105	42690023	426900230105
		42690023	426900230048	426900230061	42690023	426900230105
		42690023	426900230048	426900230078	42690023	426900230105
		42690023	426900230054	426900230085	42690023	426900230112
		42690023	426900230054	426900230092	42690023	426900230129
		42690023	426900230054	426900230112	Office-base	d Events
		42690023	426900230054	426900230129	42690023	426900230023
					42690023	426900230061
					42690023	426900230078
					42690023	426900230085
					42690023	426900230092





MEPS H59IF2 CODEBOOK 2001 PRESCRIBED MEDICINES - EVENT LINK FILE DATE: March 17, 2004

NAME: EVENTYPE DESCRIPTION: TYPE OF EVENT RX IS LINKED TO

VALUE UNWEIGHTED

1 MVIS	47,737
2 OPAT	1,946
3 EROM	3,407
4 STAZ	3,355
5 DVIS	2,318
6 OMED	1,756
TOTAL	60,519



RXLX File

The following records are for one randomly selected persor from the 2001 Prescribed Medicines file, RXLK file, and associated Events files:

Prescribed	Medicines file	RXLK file			Events file	<u> </u>
					Office-base	d Events
DUPERSID	LINKIDX	DUPERSID	LINKIDX	EVNTIDX	DUPERSID	EVNTIDX
42690023	426900230030	42690023	426900230105	426900230061	42690023	426900230061
42690023	426900230047	42690023	426900230105	426900230078	42690023	426900230078
42690023	426900230105	42690023	426900230112	426900230085	42690023	426900230078
42690023	426900230105	42690023	426900230129	426900230092	42690023	426900230078
42690023	426900230105				42690023	426900230078
42690023	426900230105				42690023	426900230078
42690023	426900230105				42690023	426900230085
42690023	426900230105				42690023	426900230092
42690023	426900230112					
42690023	426900230129					



Linking Conditions to Events

Example: Identify persons with asthma and calculate the total expenditure for prescriptions, and amount paid by family, by insurance status:

Average Prescription Expenditure per Person, for Persons with Asthma – Total and Paid by Family, by Health Insurance Status

Health Insurance Status	Sample size	Label	Mean
Any Private	798	Total Paid Paid by Family	431.10 139.14
Public Only	420	Total Paid Paid by Family	407.41 142.36
Uninsured	88	Total Paid Paid by Family	494.28 480.32



In order to obtain complete information for a job, users must note the round in which the job is first reported. This is because MEPS collects complete Jobs information in the round in which a job is first reported

In subsequent rounds, if job status remained the same, only a subset of the employment questions are asked, and many job-level variables on the subsequent round job records are coded as inapplicable (-1); the complete information is on the record for the job in the first round in which it was reported.





Persons who held more than one job at the round's interview date were asked to identify the main job. This job was classified as the "current main job" and all other simultaneously held jobs were classified as "miscellaneous". The MEPS also obtained some information on former jobs held in the reference period and, for those persons not currently working and having no job in the reference period, some information on the last job the person held. Additionally, for those persons age 55 or older who indicated that they retired from a job, the MEPS obtained some job-level data on the retirement job.

To get more detailed information about the CMJ, or information about "miscellaneous" jobs, you must link to the Jobs file.



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Example: Us variable for years old ar	Example: Using the 2001 Jobs file, create a person-level variable for the number of jobs held by persons 18 years old and older using round 3/1 data:							
Number of Jobs	Sample size	Percent	SE percent					
Total	18,788	100.0	0.0					
0 Jobs	4,253	21.7	0.5					
1 Job	13,238	70.7	0.5					
2 Jobs	1,211	7.0	0.2					
		~ ~	• •					

The 2001 Jobs file -- file HC-056