

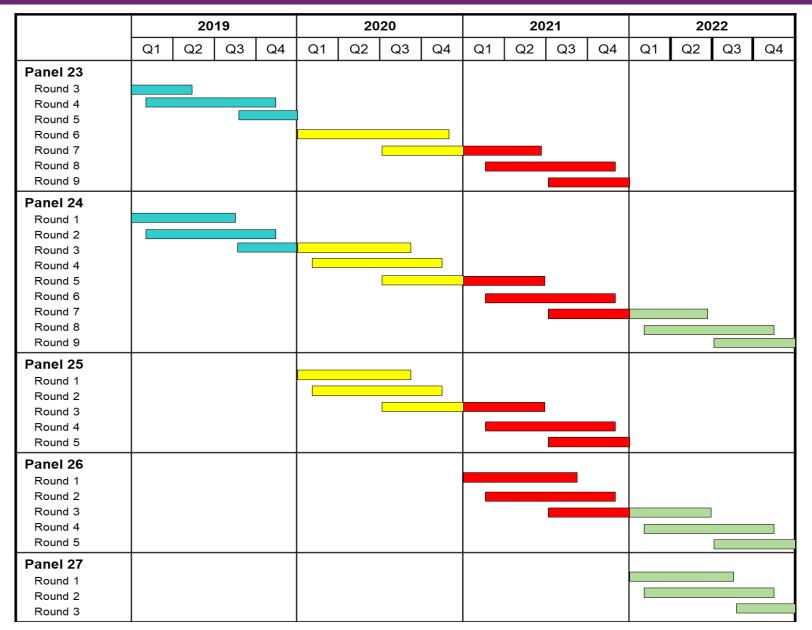
MEPS-HC: Linking Medical Conditions to Prescribed Medicines

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MEPS Panel Design: Data Reference Periods







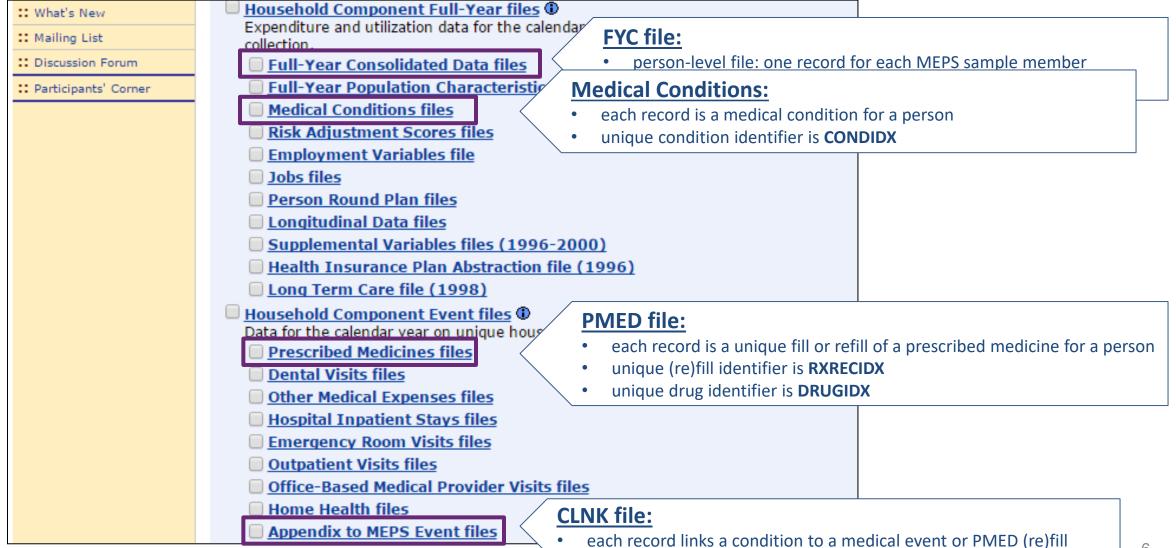






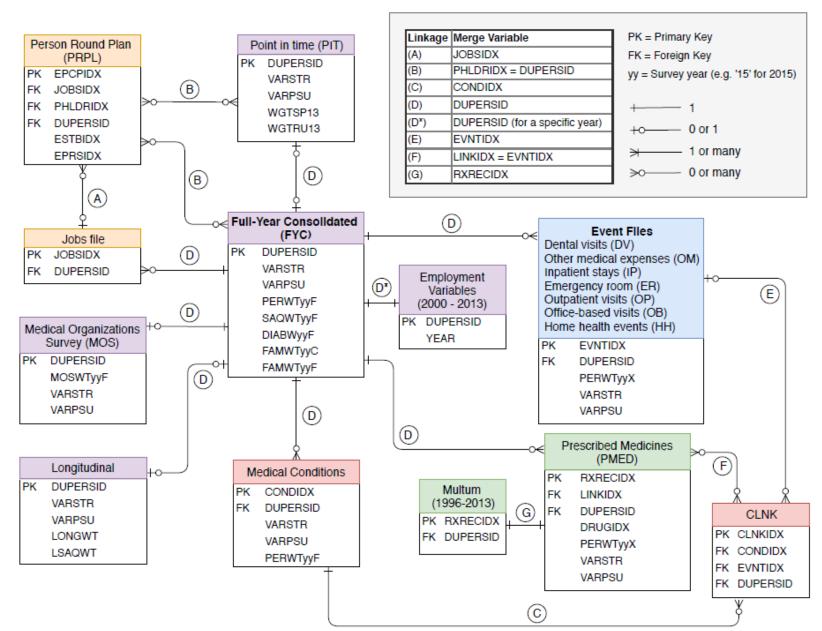
:: What's New	Household Component Full-Year files Household Component Full-Year files
:: Mailing List	Expenditure and utilization data for the calendar FYC file:
:: Discussion Forum	 <u>Full-Year Consolidated Data files</u> person-level file: one record for each MEPS sample member
:: Participants' Corner	■ Full-Year Population Characteristic Medical Conditions:
	 Medical Conditions files each record is a medical condition for a person
	Risk Adjustment Scores files unique condition identifier is CONDIDX
	Employment Variables file
	<u>Jobs files</u>
	Person Round Plan files
	Longitudinal Data files
	Supplemental Variables files (1996-2000)
	Health Insurance Plan Abstraction file (1996)
	Long Term Care file (1998)
	Household Component Event files PMED file:
	Data for the calendar year on unique nou?
	 Prescribed Medicines files each record is a unique fill or refill of a prescribed medicine for a person
	 Dental Visits files unique (re)fill identifier is RXRECIDX
	 Other Medical Expenses files unique drug identifier is DRUGIDX
	☐ <u>Hospital Inpatient Stays files</u>
	Emergency Room Visits files
	Outpatient Visits files
	Office-Based Medical Provider Visits files
	Home Health files
	Appendix to MEPS Event files





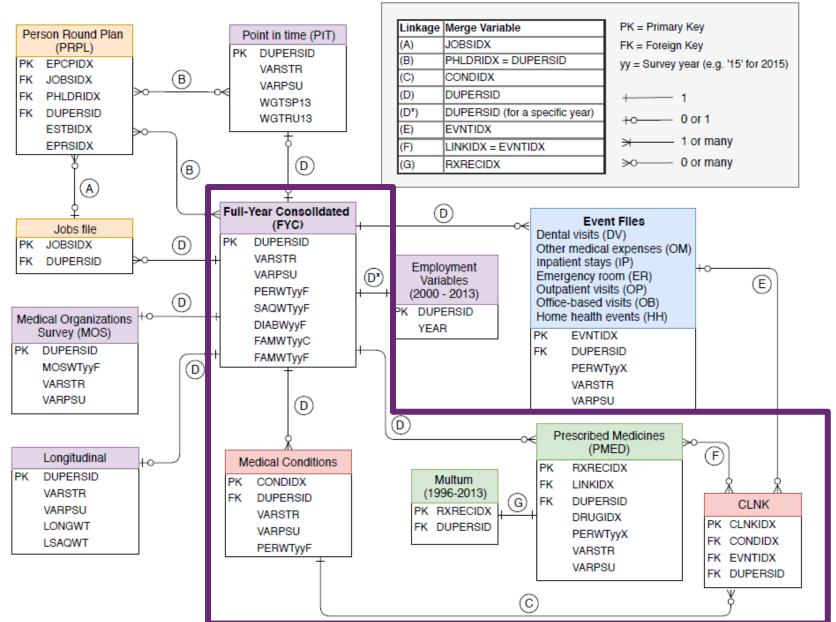
MEPS Public Use Files (PUFs)

Entity Relationship Diagram (ERD) with survey and linkage variables



MEPS Public Use Files (PUFs)

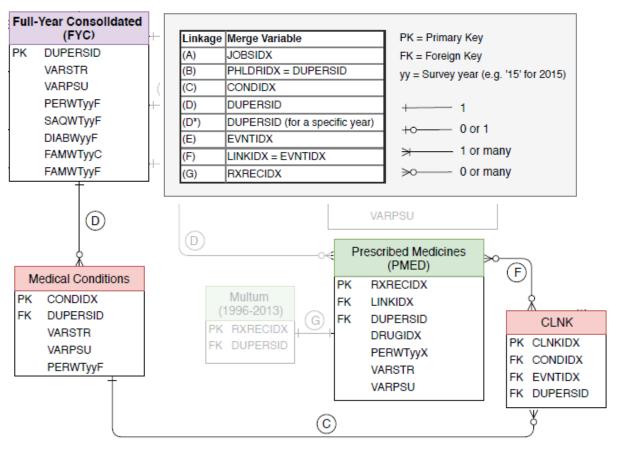
Entity Relationship Diagram (ERD) with survey and linkage variables





Conditions-Event Link (CLNK) PUF: Crosswalk between medical conditions and medical

events (including PMEDs)



- ► Not all conditions link to drugs
- ► Not all drugs link to conditions
- Not all MEPS sample members have reported drugs
- Not all MEPS sample members have reported conditions
- Merge EVNTIDX on CLNK to LINKIDX on PMED
- Many-to-many matching is possible
 - One drug can treat multiple conditions
 - One condition can be treated with multiple drugs



PMED File

DUPERSID	DRUGIDX	RXRECIDX	PURCHRD	LINKIDX	RXDRGNAM
2510001101	2510001101001	2510001101001103001	1	2510001101001103	ATORVASTATIN
2510001101	2510001101001	2510001101001103002	1	2510001101001103	ATORVASTATIN
2510001101	2510001101001	2510001101001203003	2	2510001101001203	ATORVASTATIN
2510001101	2510001101002	2510001101002203004	2	2510001101002203	AMOXICILLIN

'Lipitor'

Hyperlipidemia (High Cholesterol)

CLNK File

DUPERSID	CONDIDX	EVNTIDX	EVENTYPE
2510001101	2510001101001	2510001101001103	8
2510001101	2510001101001	2510001101001203	8
2510001101	2510001101002	2510001101002203	8

Medical Conditions File

DUPERSID	CONDIDX	ICD10CDX	CCSR1X	CCSR2X
2510001101	2510001101001	E78	END010	-1
2510001101	2510001101002	J02	INF003	RSP006
2510001101	2510001101003	J00	RSP006	-1



PMED File

DUPERSID	DRUGIDX	RXRECIDX	PURCHRD	LINKIDX	RXDRGNAM
2510001101	2510001101001	2510001101001103001	1	2510001101001103	ATORVASTATIN
2510001101	2510001101001	2510001101001103002	1	2510001101001103	ATORVASTATIN
2510001101	2510001101001	2510001101001203003	2	2510001101001203	ATORVASTATIN
2510001101	2510001101002	2510001101002203004	2	2510001101002203	AMOXICILLIN

CLNK File

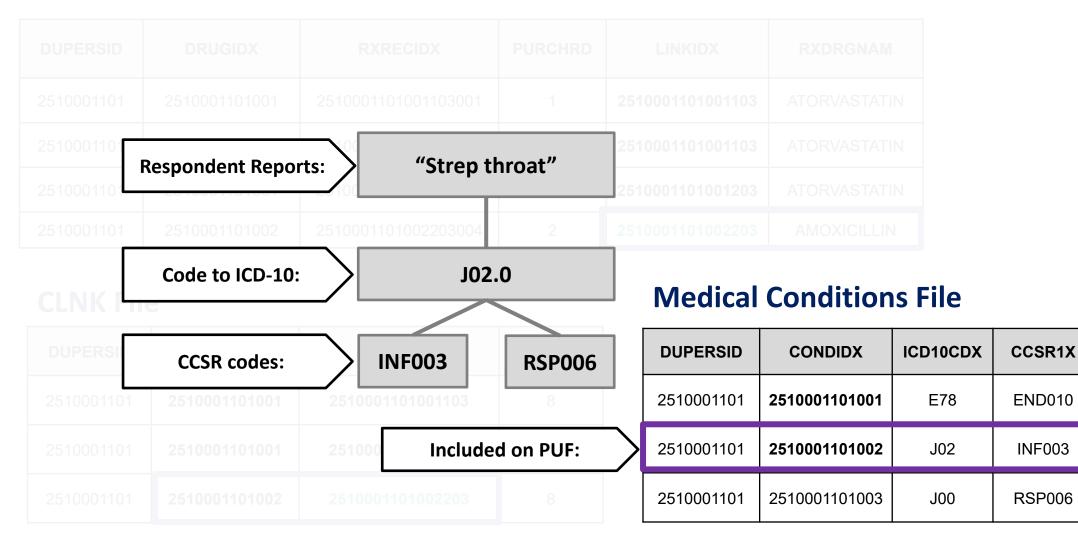
DUPERSID	CONDIDX	EVNTIDX	EVENTYPE
2510001101	2510001101001	2510001101001103	8
2510001101	2510001101001	2510001101001203	8
2510001101	2510001101002	2510001101002203	8

Medical Conditions File

DUPERSID	CONDIDX	ICD10CDX	CCSR1X	CCSR2X
2510001101	2510001101001	E78	END010	-1
2510001101	2510001101002	J02	INF003	RSP006
2510001101	2510001101003	J00	RSP006	-1



PMED File



CCSR2X

-1

RSP006

-1

Resources



MEPS Website:

https://meps.ahrq.gov/mepsweb/

MEPS GitHub:

https://github.com/HHS-AHRQ/MEPS/

MEPS-HC Online Data Tools:

https://datatools.ahrq.gov/meps-hc

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The Impacts of the COVID-19 Pandemic on the Medical Expenditure Panel Survey: https://ajph.aphapublications.org/doi/abs/10.2105/AJPH.2021.306534?journalCode=ajph