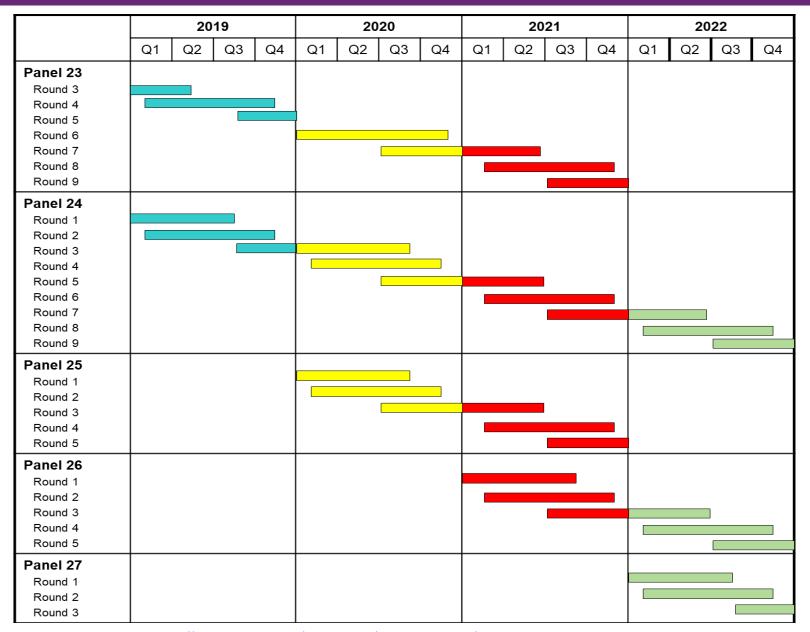


MEPS-HC: Linking Medical Conditions to Event files

Emily Mitchell, PhD

MEPS Panel Design: Data Reference Periods





:: What's New	■ <u>Household Component Full-Year files</u> ®
:: Mailing List	Expenditure and utilization data for the calendar collection. FYC file:
:: Discussion Forum	 Full-Year Consolidated Data files person-level file: one record for each MEPS sample member
:: Participants' Corner	Full-Year Population Characteristics file • unique person identifier is DUPERSID
	Medical Conditions files
	Risk Adjustment Scores files
	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 Household Component Event files
	Data for the calendar year on unique household-reported medical events.
	Prescribed Medicines files
	Dental Visits files Other Medical Expanses files
	 Other Medical Expenses files Hospital Inpatient Stays files
	Emergency Room Visits files
	Outpatient Visits files
	Office-Based Medical Provider Visits files
	Home Health files
	Appendix to MEPS Event files

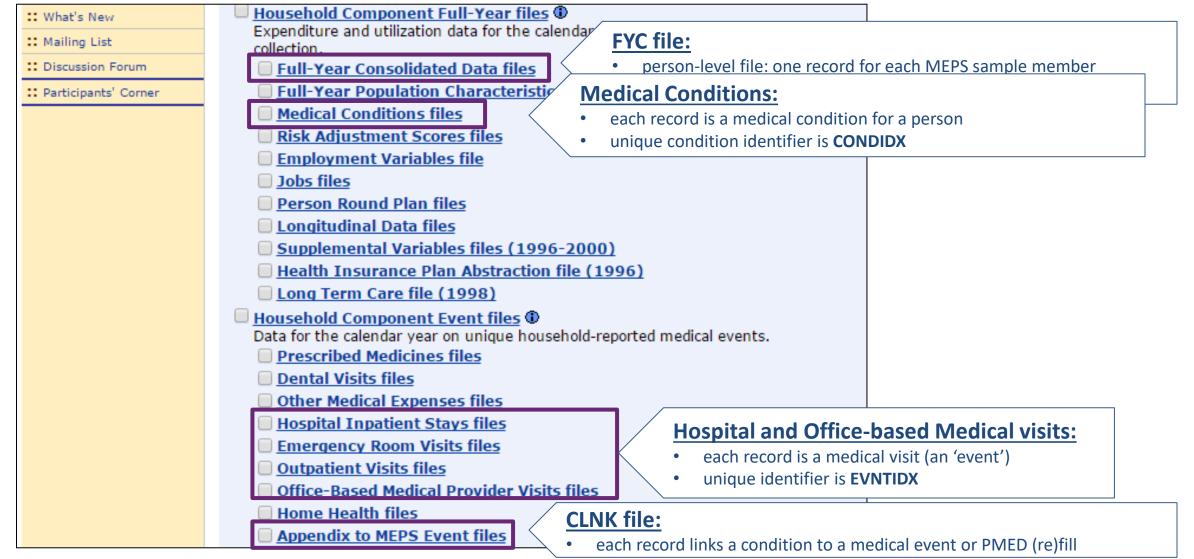


:: What's New	□ <u>Household Component Full-Year files</u> ⊕
:: Mailing List	Expenditure and utilization data for the calendar collection. FYC file:
:: Discussion Forum	Full-Year Consolidated Data files • person-level file: one record for each MEPS sample member
:: Participants' Corner	Full-Year Population 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)
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	■ Home Health files
	Appendix to MEPS Event files



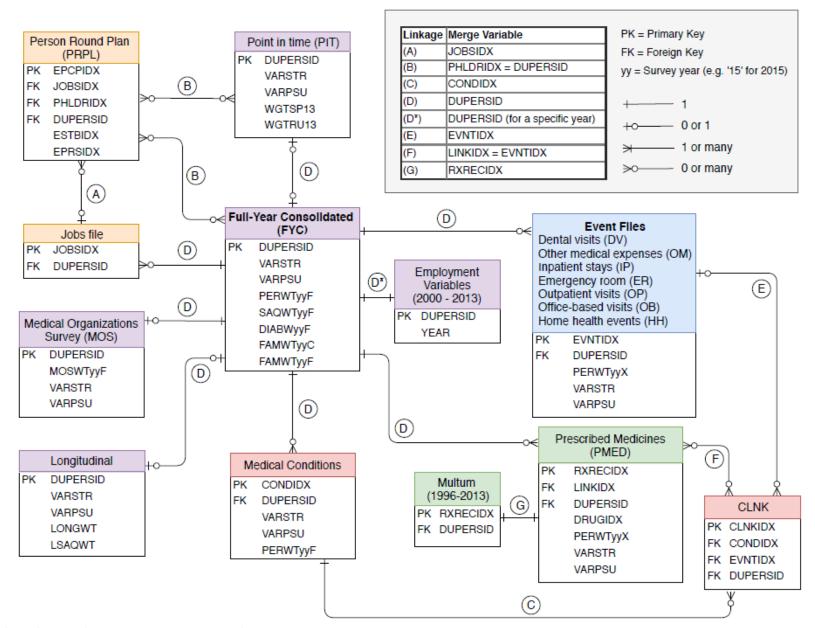






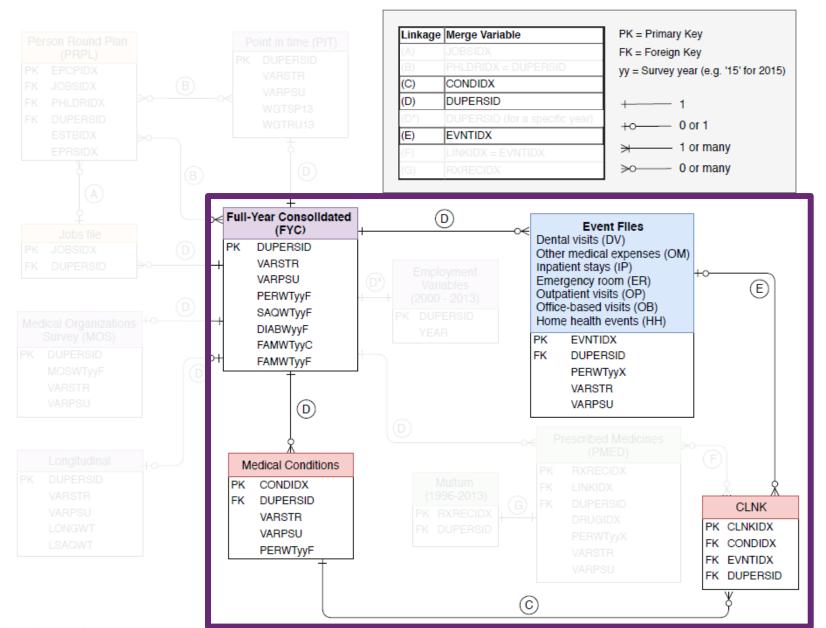
MEPS Public Use Files (PUFs)

Entity Relationship Diagram (ERD) with survey and linkage variables



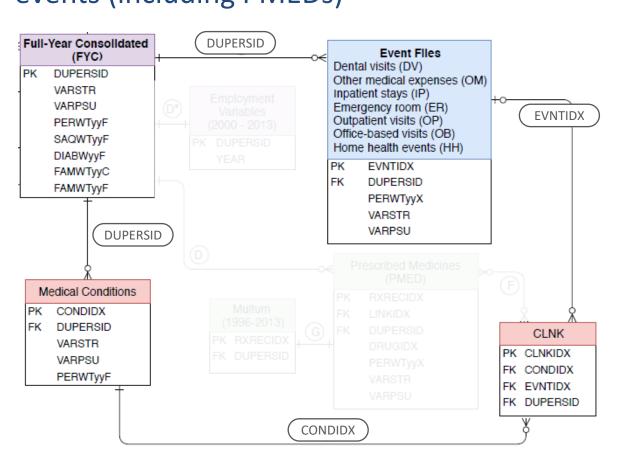
MEPS Public Use Files (PUFs)

Entity Relationship Diagram (ERD) with survey and linkage variables





<u>Conditions-Event Link (CLNK) PUF</u>: Crosswalk between medical conditions and medical events (including PMEDs)



- ► Not all events link to conditions
- ► As of 2018, all conditions link to an event
- ► Not all MEPS sample members have an event
- Not all MEPS sample members have reported conditions
- Many-to-many matching is possible
 - One visit for multiple conditions
 - Multiple visits for one condition



Office-based Medical Visits File

DUPERSID	EVNTIDX	EVENTRN	OBDATEYR	OBDATEMM	DRSPLTY_M18	VSTCTGRY	OBXP20X
2322961101	2322961101217601	6	2020	1	6 [FAMILY PRACTICE]	5 [FOLLOW-UP OR POST-OP]	111.05
2322961101	2322961101218801	6	2020	5	6 [FAMILY PRACTICE]	5 [FOLLOW-UP OR POST-OP]	75.48

CLNK File

DUPERSID	RSID CONDIDX EVNTIDX		EVENTYPE
2322961101	2322961101010	2322961101217601	1
2322961101	2322961101025	2322961101217601	1
2322961101	2322961101010	2322961101218801	1
2322961101	2322961101025	2322961101218801	1

Medical Conditions File

DUPERSID	CONDIDX	CONDRN	ICD10CDX	CCSR1X
2322961101	2322961101010	1	F41	MBD005
2322961101	2322961101025	6	F43	MBD007

Anxiety

Stress



Office-based Medical Visits File

DUPERSID	EVNTIDX	EVENTRN	OBDATEYR	OBDATEMM	DRSPLTY_M18	VSTCTGRY	OBXP20X
2322961101	2322961101217601	6	2020	1	6 [FAMILY PRACTICE]	5 [FOLLOW-UP OR POST-OP]	111.05
2322961101	2322961101218801	6	2020	5	6 [FAMILY PRACTICE]	5 [FOLLOW-UP OR POST-OP]	75.48

CLNK File

DUPERSID	SID CONDIDX EVNTIDX		EVENTYPE
2322961101	2322961101010	2322961101217601	1
2322961101	2322961101025	2322961101217601	1
2322961101	2322961101010	2322961101218801	1
2322961101	2322961101025	2322961101218801	1

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Anxiety

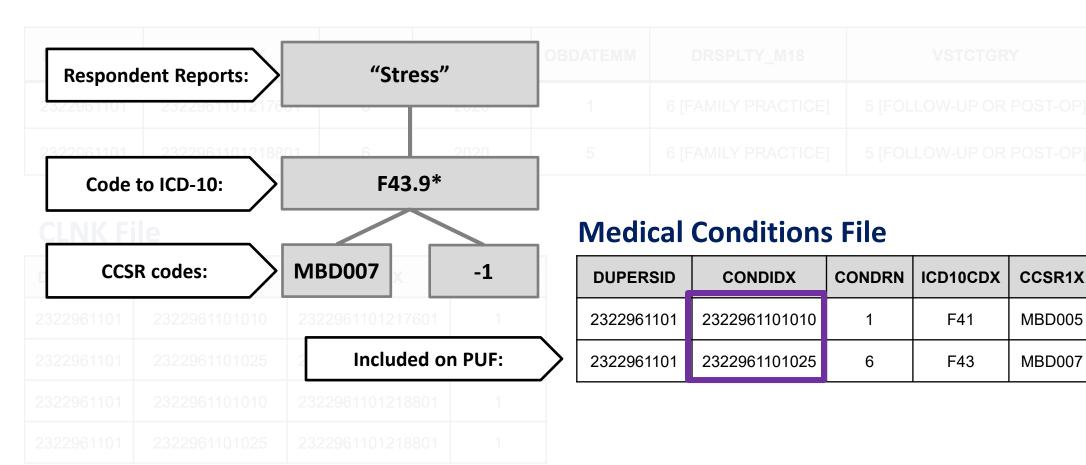
Stress



Anxiety

Stress

Office-based Medical Visits File



^{*} Not the actual code – just an example

Resources



MEPS Website:

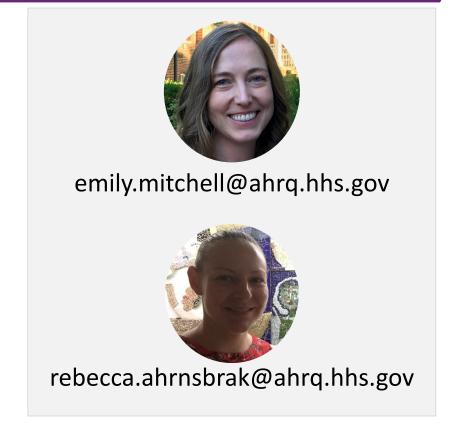
https://meps.ahrq.gov/mepsweb/

MEPS GitHub:

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

MEPS-HC Online Data Tools:

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



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