

# Medical Expenditure Panel Survey(MEPS)

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    - AHA (America Hospital Association)
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## Overview

- **Focus:** Cost and Utilization, Healthcare Facilities and Services
- **Year(s):** 1996 - 2014
- **Source:** Agency for Healthcare Research and Quality
- **Study and sample characteristics:** Survey data
- **Universe:** Households, employers, and medical providers
- **Variables:** Over 200
- **Access:** Publicly available (restricted use data only at AHRQ Data Center)
- **Cost:** Free
- **Key web links:** [Medical Expenditure Panel Survey \(MEPS\)](#)
- **Summary:** The Medical Expenditure Panel Survey, which began in 1996, is a set of large-scale surveys of families and individuals, their medical providers (doctors, hospitals, pharmacies, etc.), and employers across the United States. MEPS collects data on the specific health services that Americans use, how frequently they use them, the cost of these services, and how they are paid for, as well as data on the cost, scope, and breadth of health insurance held by and available to U.S. workers.

## Dental Information

The dental data from 2013 has been linked with the main set and then limited to those user in the database that are AGE 65 and older. The data contained is about which kind of procedures were performed and the amount each insurer, or personal/family member paid for the procedure.

## CDT-4 Billing codes to MEPS procedure codes (best matches)

While the data itself doesn't contain the CDT-4 billing code for each dental procedure the tables bellow tries to link the MEPS procedure code to the CDT-4 codes as close as possible.

examine	D0120	D0150			
clentetx	D1110	D4910	D1120		

Chronic condition data warehouse

Dartmouth Atlas of Health Care

Dartmouth Atlas Project

Demographic Health Survey (DHS)

Healthcare Co and Utilization Project(H-CUP/HCUPNE)

Health United States

ICPSR

Innovation in Medical Evidence Development & Surveillance(II)

Integrated Public Use Microdata Series

Kaiser family foundation state level health facts

LSOA II

Medical Expenditure Panel Survey(MEPS)

clenteth	D1110	D4910	D1120			
justxryx	D0210	D0220	D0230	D0240	D0250	D0260
justxray	D0210	D0220	D0230	D0240	D0250	D0260
fluoride	D1204	D1206				
sealantx	D1351					
sealant	D1351					
fillingx	D3230	D3240	D3430			
filling	D3230	D3240	D3430			
inlay	D6545					
crownsx	D6720	D6721	D6722	D6750	D6751	D6752
crowns	D6720	D6721	D6722	D6750	D6751	D6752
rootcanx	D3346	D3347	D3348	D3351	D3352	D3353
rootcanl	D3346	D3347	D3348	D3351	D3352	D3353
gumsurgx	D4341					
gumsurg	D4341					
reclvisx	D4910	D4999				
reclvis	D4910	D4999				
extract	D7140	D7210	D7220	D7230	D7240	D7241
implantx	D6010	D6053	D6054	D6055	D6060	D6061
implant	D6211	D6241				
abscess	D7510					
oralsurx	D0502	D7111	D7140	D7210	D7220	D7230
oralsurg	D0502	D7111	D7140	D7210	D7220	D7230
bridgesx	D6211	D6241	D6545	D6740	D6751	D6752
bridges	D6211	D6241	D6545	D6740	D6751	D6752
denturex	D5110	D5120	D5211	D5212	D5213	D5214
dentures	D5110	D5120	D5211	D5212	D5213	D5214
repairx	D5510	D5520	D5610	D5620	D5630	D5640
repair	D5510	D5520	D5610	D5620	D5630	D5640
orthdonx	D8670	D8070	D8680	D8080	D8090	
orthdont	D8670	D8070	D8680	D8080	D8090	
	D9972	D9973				

- Medicare Current Beneficiary Survey (MCBS)
- 
- Medicare Healthcare Cost Report Information System(HCRIS)
- 
- Medicare Provider Utilization and Payment Data
- 
- MEPSnet
- 
- National Ambulatory Medical Care Survey (NAMCS)
- 
- National Health Aging Trends Study(NHATS)
- 
- National Health and Nutrition Examination Survey (NHANES)
- 
- National Health Examination Survey(NHES) Cycle II
- 
- National Health Examination Survey (NHES) Cycle I
- 

whiten	D9972	D9973				
tmdtmj	D0250	D0320	D7820	D7830	D7858	D786

## Data Dictionaries

Documentation File	Description
<a href="#">MEPS data information pdf</a>	General overview of data contained in the MEPS data
<a href="#">dental+detailed.pdf</a>	Detailed information about the dental database
<a href="#">dental+cloumns.pdf</a>	Quick information about dental data
<a href="#">meps+details.pdf</a>	Detailed information about the MEPS consolidated file
<a href="#">meps+columns.pdf</a>	Quick information about the MEPS consolidated file

## Oddities

Due to the table being relatively large (1000+ columns wide) it was required to split apart the table by question categories. Bellow is how the tables are split apart currently and which columns are located in which tables.

## Tables and columns

Consult data dictionary for meaning.

Dental_2013	
elder_2013_care	
elder_2013_coverage	
elder_2013_diagnosis	
elder_2013_employ...	
elder_2013_mobility	
elder_2013_other	
elder_2013_personal	
elder_2013_provider	

  

Column Name	Column Description
abscess	ABSCESS OR INFECTION TREATMENT
bridges	BRIDGES
bridgesx	EDITED BRIDGES
clenteth	CLEANING PROPHYLAXIS POLISHING

National Health Examination Survey (NHES) Cycle III

National Health Interview Survey(NHIS)

National Health Interview Survey (NHIS) Multiple Cause-of-Death Public Use Data File

National Health Interview Survey (NHIS) State Data Files

National Health Interview Survey on Disability(NHIS) Phase I and II

National Home and Hospice Care Survey (NHHCS)

National Hosp Ambulatory Medical Care Survey(NHAM)

National Hospital Discharge Survey(NHDS)

elder_2013_provider	clentetx	EDITED CLENTETH
elder_2013_utilization	crowns	CROWNS OR CAPS
	crownsx	EDITED CROWNS
	denthyg	DENTAL HYGIENIST SEEN
	dentmed	RECEIVED MEDICINE INCLUDING FREE SAMPLE
	dentothr	OTHER SPECIFIED DENTAL PROCEDURES
	dentothx	EDITED DENTOTHR
	dentproc	OTHER DENTAL PROCEDURES
	dentprox	EDITED DENTPROC
	dentsurg	DENTAL SURGEON SEEN
	denttech	DENTAL TECHNICIAN SEEN
	dentures	DENTURES OR PARTIAL DENTURES
	denturex	EDITED DENTURES
	dentype	OTHER DENTAL SPECIAL SEEN
	duid	DWELLING UNIT ID
	dupersid	PERSON ID (DUID + PID)
	dvdatemm	EVENT DATE - MONTH
	dvdateyr	EVENT DATE - YEAR
	dvmd13x	AMOUNT PAID MEDICAID (IMPUTED)
	dvmr13x	AMOUNT PAID MEDICARE (IMPUTED)
	dvof13x	AMOUNT PAID OTHER FEES (IMPUTED)
	dvor13x	AMOUNT PAID OTHER PRIVATE INSURANCE (IMPUTED)
	dvot13x	AMOUNT PAID OTHER INSURANCE (IMPUTED)
	dvou13x	AMOUNT PAID OTHER PUBLIC USE (IMPUTED)



- [The National Hospital Care Survey\(NHCS\)](#)
- 
- [The Organisation for Economic Co-operation and Development international health statistics](#)
- 
- [U.S. Census Bureau Data](#)
- 
- [U.S. Nursing Home Information and Registry](#)
- 
- [Us Preventive Services Task Force](#)
- 
- [Visiting Nurse Service of New York](#)
- 
- [Web-Based Inj Statistics Que and Reporting System\(WISQ\)](#)
- 
- [Wide-Ranging Data for Epide Research\(CDC\)](#)
- 
- [ZCTA County](#)
- 
- [Download, normalization, and upload procedure for datasets.](#)

	PLANING OR GUM
gumsurgx	EDITED GUMSURG
impflag	IMPUTATION STATUS
implant	IMPLANTS
implantx	EDITED IMPLANT
inlay	INLAYS
justxray	X-RAYS RADIOGRAPHS C BITEWINGS
justxryx	EDITED JUSTXRAY
oralsurg	ORAL SURGERY
oralsurx	EDITED ORALSURG
orthdont	ORTHODONTIA BRACES RETAINERS
orthdonx	EDITED ORTHDONT
orthodnt	ORTHODONTIST SEEN
panel	PANEL NUMBER
periodnt	PERIODONTIST SEEN
perwt13f	EXPENDITURE FILE PERS WEIGHT 2013
pid	PERSON NUMBER
reclvis	PERIODONTAL RECALL V
reclvisx	EDITED RECLVIS
repair	REPAIR OF BRIDGES/DEN OR RELINING
repairx	EDITED REPAIR
rootcanl	ROOT CANAL
rootcanx	EDITED ROOTCANL
sealant	SEALANT APPLICATION
sealantx	EDITED SEALANT
tmdtmj	TREATMENT FOR TMD O
varpsu	VARIANCE ESTIMATION I

- In-Progress Databases

- LastPass Enterprise

- > Software Tools

- > Training Materials

	2013
varstr	VARIANCE ESTIMATION STRATUM 2013
whiten	BONDING WHITENING OF BLEACHING
whitenx	EDITED WHITEN

## Sources

All information relating to data elements descriptions and database summaries have been pulled from the database providers website located here: <http://meps.ahrq.gov/mepsweb/>.