Data Dictionary - Emergency Department (ED) Visits

Provided by CDC's Environmental Public Health Tracking Program

PURPOSE AND USE OF THIS DOCUMENT

This document contains data field definitions and elements for Emergency Department Visit datasets under the Tracking Program's Nationally Consistent Data and Measure (NCDM) standards.

Environmental Public Health Tracking, Emergency Department (Ed) Visits Data

Characteristic	Description
Data Source	State and Local Data Systems
Purpose	This data set will be used to calculate incidence measures for emergency department (ED) visits related to asthma, unintentional CO poisoning, heat stress illness, and chronic obstructive pulmonary disease as described in the Part 1 package, for use on the national public portal.
Geographic Level	The smallest geographic unit to be represented in this data set is the **census tract**.
Restrictions	**This is a restricted access data set.** Data will be displayed via the national public portal only when sufficient conditions have been met to protect data privacy. Only registered users will have direct access to this data set via the national secure portal.

NOTE: When preparing the data file, the sequence of data elements (i.e., field names) in the data file can be found in the schema for each health outcome.

DATA DICTIONARY

Field Name	Field Description	Data Type	Code Scheme	Allowed Values	Field Length
AGEGROUP	Five-year age group of individuals treated in an ED for the condition indicated by HEALTHOUTCOMEID	Integer	1= 0–4 years 2= 5–9 years 3= 10–14 years 4= 15–19 years 5= 20–24 years 6= 25–29 years 7= 30–34 years 8= 35–39 years 9= 40–44 years 10= 45–49 years 11= 50–54 years 12= 55–59 years 13= 60–64 years 14= 65–69 years 15= 70–74 years 16= 75–79 years 17= 80–84 years 18= 85+ years 19= Unknown	1-19	2
CensusTract	Census tract of residence	String	FIPS U=Unknown	FIPS code, U	11
COUNTY	County of residence	String	FIPS code U=Unknown	00000–99999 U	5
EDVISITDAY	Day of ED visit	String	dd	01-31	2
EDVISITMONTH	Month of ED visit	String	MM	01-12	2
EDVISITYEAR	Year of ED visit	Integer	YYYY	20XX	4

Field Name	Field Description	Data Type	Code Scheme	Allowed Values	Field Length
ETHNICITY (Optionally reported)	Ethnicity of individuals. The code 'H' includes those who are Hispanic alone and those who are both Hispanic and non-Hispanic.	Text	H=Hispanic NH=Non-Hispanic U=Unknown	H, NH, U	2
GeoCodingPrecision (For sub-county ED visits ONLY)	Describe the degree of precision achieved during the geocoding process	Text	H = High precision L = Low precision U = Unknown precision C = County only S = State only	H, L, U, C, S	4
HEALTHOUTCOMEID	Health outcomes as defined by the how-to-guide (asthma, carbon monoxide poisoning, heat stress illness, or chronic obstructive pulmonary disease)	Integer	1 = Asthma 3 = Carbon Monoxide Poisoning 4 = Heat Stress Illness 5 = Chronic Obstructive Pulmonary Disease 6 = Acute respiratory infections 7 = Pneumonia 8 = All other respiratory outcomes 9 = Ischemic heart disease 10 = Cardiac arrhythmias 11 = Cerebrovascular disease 12 = Peripheral vascular disease 13 = Heart failure 14 = All other circulatory outcomes 15 = Cold illness 16 = Hyperthermia 17 = Renal failure 18 = Electrolyte imbalance 19 = Diabetes 20 = Allergic rhinitis	1-20	1
INCIDENTCOUNTFIRE (For CO ED Visits ONLY)	Number of unintentional fire-related CO poisoning ED visits	Integer	NNNNNN If –999= Count is recorded in INCIDENTCOUNTUNKNOWN	0 to 999999, -999	6

Field Name	Field Description	Data Type	Code Scheme	Allowed Values	Field Length
INCIDENTCOUNTNONFIRE (For CO ED Visits ONLY)	Number of unintentional, non-fire related CO poisoning ED visits	Integer	NNNNNN If -999= Count is recorded in INCIDENTCOUNTUNKNOWN	0 to 999999, -999	6
INCIDENTCOUNTUNKNOWN (For CO ED Visits ONLY)	Number of CO poisoning ED visits where the cause was undetermined	Integer	nnnnnn	0 to 999999	6
VISITS	Number of ED visits	Integer	nnnnn	0000–99999	5
RACE (OPTIONAL)	Race group of individuals. The code 'W' includes White alone. The code 'B' includes Black alone. The code 'O' includes American Indian or Alaskan Native or Asian or Pacific Islander or two or more races.	Text	W=White B=Black O=Other U=Unknown	W, B, O, U	1
SEX	Sex of individuals	Text	M=Male F=Female U=Unknown	M, F, U	1
STATE (*For Header section only; Not a data element*)	Patient's state of residence	String	FIPS		2

CDC'S ENVIRONMENTAL PUBLIC HEALTH TRACKING PROGRAM

Contact us: trackingsupport@cdc.gov

Visit the Tracking Network today: www.cdc.gov/ephtracking

Follow us on social media:

- Twitter (@CDC_EPHTracking)
- Facebook (facebook.com/CDCEPHTracking)