

Medicare Heart Disease and Stroke Prevention Claims Data

Summary

This dataset shows the Medicare Heart Disease and Stroke Prevention Claims Data based on Center for Medicare & Medicaid Services (CMS), Medicare Claims data 2004 forward. CMS compiles claims data for Medicare and Medicaid patients across a variety of categories and years. This includes Inpatient and Outpatient claims, Master Beneficiary Summary Files, and many other files.

Key Facts

Date Created	2016-06-24
Date Modified	2023-08-25
Version	2023-08-25
Update Frequency	Irregular
Complexity	Simple
Temporal Coverage	2004-2021
Spatial Coverage	United States
Source	Centers for Disease Control and Prevention
Source License URL	N/A
Source License Requirements	N/A
Source Citation	N/A
Keywords	Claims, Heart Disease, Stroke, Stroke Prevention, Cardiovascular Disease, Chronic Conditions, Chronic Illnesses

Other Titles and Uses

- Center for Medicare and Medicaid Services Claims Data for FY 2004-2013
- Medicare Heart Disease and Stroke Prevention Claims Data by CMS

Description

The data in this dataset were provided by the Centers for Disease Control and Prevention (CDC), Division of Population Health, Epidemiology and Surveillance Branch. This is one of the datasets provided by the National Cardiovascular Disease Surveillance System. The system is designed to integrate multiple indicators from many data sources to provide a comprehensive picture of the public health burden of Cerebro-Vascular Disease (CVDs) and associated risk factors in the United States. The data are organized by location (national and state) and indicator.

Indicators from this data source have been computed by personnel in CDC's Division for Heart Disease and Stroke Prevention (DHDSP). Indicators fall into two main categories: Cardiovascular Diseases and Risk Factors. Each category has subcategories, and indicators are organized under the subcategories.

Priority Indicators are associated with priority areas, including ABCS, AHA 2020 Goals: Cardiovascular Health Metrics, Healthy People 2020, and Million Hearts. A priority indicator in this dataset is associated with one or more of the following priority areas:

Healthy People 2020

- Cardiovascular Diseases
- Acute Myocardial Infarction (Heart Attack)
- Rehabilitation (Heart Disease and Stroke Objective 22)
- Coronary Heart Disease
- Coronary Heart Disease Mortality (Heart Disease and Stroke Objective 2)
- Heart Failure
- Heart Failure Hospitalizations (Heart Disease and Stroke Objective 24)
- Heart Failure Hospitalizations (65+ years) (Heart Disease and Stroke Objective 24)
- Heart Failure Hospitalizations (65-74 years) (Heart Disease and Stroke Objective 24.1)
- Heart Failure Hospitalizations (75-84 years) (Heart Disease and Stroke Objective 24.2)

- Heart Failure Hospitalizations (85+ years) (Heart Disease and Stroke Objective 24.3)
- Stroke
- Cerebrovascular Disease Mortality (Heart Disease and Stroke Objective 3)
- Risk Factors
- Cholesterol Abnormalities
- Screening (Heart Disease and Stroke Objective 6)
- High Total Cholesterol (Heart Disease and Stroke Objective 7)
- Mean Total Cholesterol (Heart Disease and Stroke Objective 8)
- Hypertension
- Hypertension Prevalence (Heart Disease and Stroke Objective 5)
- Medication (Heart Disease and Stroke Objective 11)
- Prehypertension Prevalence (Heart Disease and Stroke Objective 9)
- Control (Heart Disease and Stroke Objective 12)
- Nutrition
- Mean Dietary Sodium (Nutrition and Weight Status Objective 19)
- Obesity
- Healthy Weight (Heart Disease and Stroke Objective 8)
- Prevalence (Nutrition and Weight Status Objective 9)

Million Hearts®

- Cardiovascular Diseases
- Diseases of the Heart (Heart Disease)
- Hospitalizations
- Diseases of the Heart Mortality
- Acute Myocardial Infarction (Heart Attack)



- Prevalence
- Hospitalizations
- Acute Myocardial Infarction Mortality
- Coronary Heart Disease
- Prevalence
- Hospitalizations
- Coronary Heart Disease Mortality
- Stroke
- Prevalence
- Hospitalizations
- Cerebrovascular Disease Mortality
- Risk Factors
- Aspirin Use
- Aspirin use for secondary prevention
- Hypertension
- Prevalence
- Awareness
- Medication
- Control
- Cholesterol Abnormalities
- Screening
- Recommended Statin Therapy
- Statin Use
- High Total Cholesterol

- Low HDL Cholesterol

The main indicator category used for this dataset is Cardiovascular Disease. Indicators for Cardiovascular Diseases are organized under the following subcategories:

- Major Cardiovascular Disease
- Prevalence
- Cardiovascular Disease Mortality
- Hospitalizations
- In-Hospital Mortality
- Diseases of the Heart (Heart Disease)
- Diseases of the Heart Mortality
- Hospitalizations
- In-Hospital Mortality
- Acute Myocardial Infarction (Heart Attack)
- Prevalence
- Acute Myocardial Infarction Mortality
- Hospitalizations
- In-Hospital Mortality
- Rehabilitation
- Coronary Heart Disease
- Prevalence
- Coronary Heart Disease Mortality
- Hospitalizations
- In-Hospital Mortality
- Heart Failure
- Prevalence

- Heart Failure Mortality
- Hospitalizations
- In-Hospital Mortality
- Heart Failure Hospitalizations (65+ years)
- Heart Failure Hospitalizations (65-74 years)
- Heart Failure Hospitalizations (75-84 years)
- Heart Failure Hospitalizations (85+ years)
- Stroke
- Prevalence
- Cerebrovascular Disease Mortality
- Hemorrhagic Stroke Mortality
- Ischemic Stroke Mortality
- Hospitalizations
- In-Hospital Mortality

The values used in this dataset are of crude type. Also, the statistically unstable estimates have not been presented [numerator <10].

Schema

Field Name	Type	Description	Properties
Year	Date	It indicates the year of data.	
State_Abbreviation	String	It indicates the abbreviation of different locations and states.	
State	String	It includes the description of different locations and states.	
Disease_Topic	String	It includes the topic for different diseases.	
Disease_Indicator	String	It indicates description for specific diseases among patients.	
Data_Value_Unit	String	It indicates the Data Value Unit (% , rate per 100,000, etc.).	
Data_Value	Number	It includes the Data value (point estimate).	Level: Ratio
Confidence_Limit_Low	Number	It identifies the lower confidence limit of the number.	Level: Ratio
Confidence_Limit_High	Number	It identifies the high confidence limit of the number.	Level: Ratio
Breakout_Category	String	It identifies the breakout group description for each category.	
Breakout_Variables	String	It identifies the variables for each breakout category.	
Topic_ID	String	It includes the Topic lookup value.	
Indicator_ID	String	It identifies the indicator id of the data value.	



Field Name	Type	Description	Properties
Breakout_Category_ID	String	It includes the breakout id of given category.	
Breakout_ID	String	It identifies the Break out group lookup value.	
Location_ID	Integer	It identifies the Location id of the value.	Level: Nominal

Sample Records

Field Name	Sample 1	Sample 2	Sample 3
Year	2020	2019	2016
State_Abbreviation	UT	UT	IA
State	Utah	Utah	Iowa
Disease_Topic	Medicare	Medicare	Medicare
Disease_Indicator	None	None	None
Data_Value_Unit	Percent (%)	Percent (%)	Percent (%)
Data_Value	0	2.5	7
Confidence_Limit_Low	0	1	6
Confidence_Limit_High	0	6	8.1
Breakout_Category	Age	Age	Age
Breakout_Variables	75+	75+	75+
Topic_ID	T5	T5	T6
Indicator_ID	MD503	MD503	MD603
Breakout_Category_ID	BOC03	BOC03	BOC03
Breakout_ID	AGE08	AGE08	AGE08
Location_ID	49	49	19

