

Show me the data!

*SURVEILLANCE SOURCES OF NATIONAL, STATE, AND LOCAL
LEVEL ASTHMA DATA*

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Illinois Asthma Program

Illinois Asthma Partnership Meeting

March 20, 2013

Nancy.amerson@illinois.gov

217-558-2637

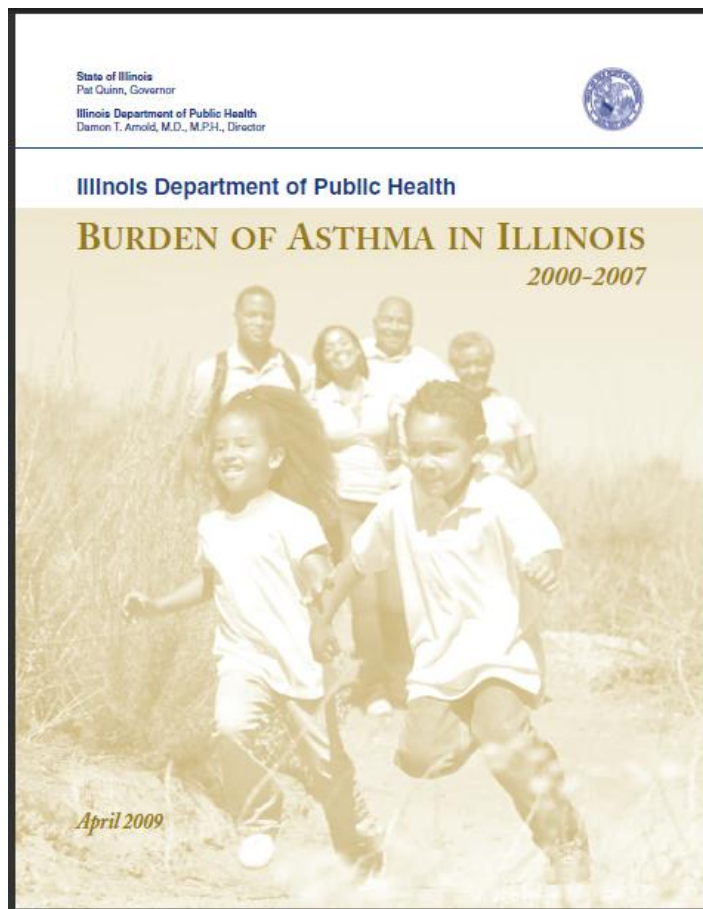
Types of Information

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- Prevalence
- Mortality
- Hospitalization
 - ▣ Emergency Department, Outpatient
 - ▣ Office visits
- Special Topics/Additional Resources

Data, Assessment, and Outcomes Workgroup

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January 2013

ASTHMA BURDEN UPDATE

ASTHMA BURDEN BRIEF

This edition focuses on asthma medication use according to the Asthma Call-Back Survey (ACBS).

Behavioral Risk Factor Surveillance Survey (BRFSS) respondents who report ever being diagnosed with asthma are eligible for the ACBS. The ACBS is conducted approximately two weeks after the BRFSS.

MEDICATION USE

Asthma medication can save lives and ensures people with asthma live an active life in spite of their chronic condition. Nearly three quarters of adults (70.2%) and children (74.0%) diagnosed with asthma have used a prescription to manage their asthma. More adults and children have used a rescue medication (58.4% and 64.0%) than a control medication (46.5% and 42.7%).

	Adult	Children
Any prescription	70.2%	74.0%
Rescue medication	58.3%	64.0%
Control medication	46.5%	42.7%
No prescription	29.8%	26.0%

* Source: Illinois Behavioral Risk Factor Surveillance System Asthma Call-Back Survey; Adult data 2007-2010; Child data 2007-2009. Note: There is no significant difference between adults and children.

MEDICATION USE IN PAST 3 MONTHS

When asked about medication use in the past three months, about a third of adults and children reported using both a rescue and control medication. More children reported using a rescue medication (31.2%) than adults (23.9%). More adults reported using a control medication (11.7%) than children (9.8%).

Of those on a prescription, 80 percent of adults and 74 percent of children take a short acting beta-agonist (rescue medication). Adults also have higher rates of using an inhaled corticosteroid (controller medication) (51.7%) and long acting beta-agonist (36.5%) than children (34.3% and 10.3%).

Prescription Medication Use in the Past 3 Months Among Illinois Adults and Children Diagnosed with Asthma, 2007-2010*

Category	Adult	Children
Both rescue and control	34.3%	32.2%
Rescue only	23.9%	31.2%
Control only	11.7%	9.8%
No prescription	29.8%	26.9%

Prescription Medication Use in the Past 3 Months by Type Among Illinois Adults and Children Diagnosed with Asthma who Use a Prescription, 2007-2010*

Type	Adult	Children
Inhaled corticosteroid	51.7%	34.3%
Short acting beta-agonist	80.0%	73.9%
Long acting beta-agonist	36.5%	10.3%

* Source: Illinois Behavioral Risk Factor Surveillance System Asthma Call-Back Survey; Adult data 2007-2010; Child data 2007-2009. Note: There is a significant difference between adults and children on a long acting beta-agonist.

<http://www.idph.state.il.us/about/chronic/asthma.htm>

National Asthma Program Data and Surveillance Home Page

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Current Asthma Prevalence Percents by Age, Sex, and Race/Ethnicity, United States, 2011

Category	Prevalence (%)
Child	9.5%
Adult	8.2%
Male	7.2%
Female	9.7%
White	8.2%
Black	11.6%
Hispanic	7.3%

Source: National Health Interview Survey, National Center for Health Statistics, Centers for Disease Control and Prevention

Navigation Menu:

- Asthma
- Basic Information
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- Asthma's Impact on the Nation
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- Info for Specific Groups
- Interventions
- National Asthma Control Program
- Program Evaluation
- Related Resources
- What's New

Quick Links:

- Asthma Action Plan
- American Respiratory Society
- AS
- As

Contact Us:

- Centers for Disease Control and Prevention
1600 Clifton Rd
Atlanta, GA 30333
- 800-CDC-INFO
(800-232-4636)
TTY: (888) 232-6348
- Contact CDC-INFO

<http://www.cdc.gov/asthma/asthmadata.htm>

Adult Prevalence

National and State

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CDC
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GENTE • SEGURA • SALUDABLE™

CDC Home | Search | Health Topics A-Z

Office of Surveillance, Epidemiology, and Laboratory Services
Behavioral Risk Factor Surveillance System
[BRFSS Home](#) | [Contact Us](#)

BRFSS CONTENTS

- Prevalence and Trends Data
- SMART: City and County Data
- BRFSS Maps
- Web Enabled Analysis Tool (WEAT)
- Chronic Disease Indicators (CDI)
- About the BRFSS
- BRFSS Datasets (downloads and documentation)
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BRFSS

The Behavioral Risk Factor Surveillance System (BRFSS) is the world's largest, on-going telephone health survey system, tracking health conditions and risk behaviors in the United States yearly since 1984. Currently, data are collected monthly in all 50 states, the District of Columbia, Puerto Rico, the U.S. Virgin Islands, and Guam.
[Learn More »](#)

[Sign up for CDC email updates from BRFSS](#)

SPOTLIGHT

30th BRFSS Conference Registration is Now **Closed!**

Visit the [Conference website](#) to view the agenda and other information.

The **2011 Annual Survey data** are combined landline and cell phone.

Interactive Databases

- [Prevalence and Trends Database](#)
- [SMART: City and County Database](#)
- [BRFSS Interactive Maps \(GIS\)](#)
- [Web Enabled Analysis Tool \(WEAT\)](#)
- [Chronic Disease Indicators \(CDI\)](#)

Survey Data and Downloads

- [BRFSS Annual Survey Data](#) (1984–2011)
- [BRFSS SMART Survey Data](#) (2002–2010)
- [BRFSS GIS Maps Data](#) (2002–2010)
- [BRFSS Asthma Call-back Survey Data and Documentation](#) (2006–2010) **NEW!**
- [Summary Data Quality Reports](#) (1990–2011)

<http://www.cdc.gov/brfss/index.htm>

Adult Prevalence

State and Local

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BRFSS HOME
STRATA MAP
STATE & STRATA DATA
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Questionnaires ▾

Other Links
IDPH Web Site
IPLAN Data System

Last Updated
November 20, 2012

Visit count since
March 1, 2002
090662

Illinois and Strata Area Prevalence Data

Frequencies

Year: 2011 ▾
Topic: Asthma ▾
Area: Illinois ▾ **Go**

Demographic Cross-tabulations

Select a category from Asthma: told by doctor have asthma & have asthma now -- (IL only) ▾
Select area: Illinois ▾ **Go**

Printer Friendly

ASTHMA

2011 Illinois Adults		Count	Col %	Confidence Interval %	Unweighted Count
EVER DIAGNOSED WITH ASTHMA AND HAS ASTHMA NOW	yes	787,478	8.1%	± 1.0%	445
	no	8,885,008	91.9%	± 1.0%	5,017
Total		9,672,486	100.0%		5,462

2011 Illinois BRFSS

Unweighted counts of 5 or less or confidence intervals of +/-12.5% or more do not meet standards of reliability.

<http://app.idph.state.il.us/brfss/>

Adult and Child Prevalence

National and State

Adult and Child Prevalence and Adult History

The screenshot shows the CDC website's Asthma page. The main heading is "Behavioral Risk Factor Surveillance System (BRFSS) Prevalence Data". A sidebar on the left lists various asthma-related topics, with "BRFSS Prevalence Data" selected. The main content area includes a "Background Information" section and a "2010 Data" section. The "2010 Data" section is organized into two columns: "Adult Asthma" and "Child Asthma". Under "Adult Asthma", there are links for "Technical Information" and "Prevalence Tables and Maps". Under "Child Asthma", there are links for "Technical Information" and "Prevalence Tables". The "Prevalence Tables and Maps" link for Adult Asthma is circled in orange. Below the "2010 Data" section, there are sections for "2009 Data", "2008 Data", "2007 Data", and "2006 Data", each with similar sub-sections for Adult and Child Asthma. A "On This Page" sidebar on the left lists the page's structure, including "Background Info", "2010 Data", "2009 Data", "2008 Data", "2007 Data", "2006 Data", "2005 Data", "2004 Data", "2003 Data", "2002 Data", "2001 Data", "2000 Data", and "1999 Data".

CDC Home
Centers for Disease Control and Prevention
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A-Z Index: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z #

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Info for Specific Groups
Interventions

[Asthma > Data and Surveillance](#)

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Behavioral Risk Factor Surveillance System (BRFSS) Prevalence Data

[Email page link](#)
[Print page](#)
[Listen to audio/Podcast](#)

On This Page

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- 2009 Data
- 2008 Data
- 2007 Data
- 2006 Data
- 2005 Data
- 2004 Data
- 2003 Data
- 2002 Data
- 2001 Data
- 2000 Data
- 1999 Data

2010 Data

Adult Asthma <ul style="list-style-type: none">Technical InformationPrevalence Tables and Maps	Child Asthma <ul style="list-style-type: none">Technical InformationPrevalence Tables
-------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------

2009 Data

Adult Asthma <ul style="list-style-type: none">Technical InformationPrevalence Tables and Maps	Child Asthma <ul style="list-style-type: none">Technical InformationPrevalence Tables
------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------

2008 Data

Adult Asthma <ul style="list-style-type: none">Technical InformationPrevalence Tables and Maps	Child Asthma <ul style="list-style-type: none">Technical InformationPrevalence Tables
------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------

2007 Data

Adult Asthma <ul style="list-style-type: none">Technical InformationPrevalence Tables and Maps	Child Asthma <ul style="list-style-type: none">Technical InformationPrevalence Tables	Adult Asthma Module <ul style="list-style-type: none">Technical InformationPrevalence Tables
------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------

2006 Data

<http://www.cdc.gov/asthma/brfss/default.htm>

Adult and Child Prevalence National and Regional (Midwest)

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- Interventions

[Asthma > Data and Surveillance](#)

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National Health Interview Survey (NHIS) Data

Background Information

The National Health Interview Survey (NHIS) is a multistage probability sample survey conducted annually by the National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC). The NHIS administers face-to-face interviews in a nationally representative sample of households. Each week personnel of the U.S. Department of Commerce, Bureau of the Census interview a probability sample of the civilian noninstitutionalized population of the United States. Bureau of the Census personnel obtain information about the health and other characteristics of each member of the household. The NHIS is the principal source of national asthma prevalence data for the United States.

The NHIS core questionnaire items, which solicit health and demographic information about the population, are revised every

On This Page

- Background Information
- Methods
- 2011 Data
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[Email page link](#)
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Asthma

[Asthma > Data and Surveillance > NHIS Prevalence Data](#)

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National Health Interview Survey (NHIS) Data

2011 Lifetime and Current Asthma

Lifetime	Current
Table 1-1 Asthma Population Estimates, by Age, United States	Table 3-1 Asthma Population Estimates, by Age, United States
Table 1-2 Standard Errors for Asthma Population Estimates, by Age, United States	Table 3-2 Standard Errors for Asthma Population Estimates, by Age, United States
Table 2-1 Asthma Prevalence Percents, by Age, United States	Table 4-1 Asthma Prevalence Percents, by Age, United States
Table 2-2 Standard Errors for Asthma Prevalence Percents, by Age, United States	Table 4-2 Standard Errors for Asthma Prevalence Percents, by Age, United States

Data & Surveillance

Current Asthma Prevalence Percents by Age, Sex, and Race/Ethnicity, United States, 2011

[More >>](#)

Contact Us:
Centers for Disease Control and Prevention
1600 Clifton Rd
Atlanta, GA 30333

www.cdc.gov/asthma/nhis/default.htm

Adult and Child Prevalence

National and Regional (Midwest)

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Vital and Health Statistics

Series 10, Number 256

Summary Health Statistics for
U.S. Adults: National Health
Interview Survey, 2011

Data From the National Health Interview
Survey

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Centers for Disease Control and Prevention
National Center for Health Statistics

Hyattsville, Maryland
December 2012

DHHS Publication No. (PHS) 2012-XXXX

A reformatted, typeset version of this report will replace the current version.

Series 10, No. 256 12/2012



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Vital and Health Statistics

December 2012

Series 10, Number 254

Summary Health Statistics
for U.S. Children: National
Health Interview Survey,
2011



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Centers for Disease Control and Prevention
National Center for Health Statistics

<http://www.cdc.gov/nchs/products/series/series10.htm>

<http://www.cdc.gov/asthma/nhis/2011/data.htm>

Child Prevalence

National and State



2007 National Survey of Children's Health

How many children currently have asthma? (details...)

Illinois	Do not have condition	Had condition at some point, but not currently	Currently have condition	Total %
%	88.3	3.3	8.4	100.0
C.I.	(86.5 - 90.2)	(2.3 - 4.3)	(6.7 - 10.0)	
n	1,678	69	172	
Pop. Est.	2,808,844	104,515	266,317	

C.I. = 95% Confidence Interval. Percentages are weighted to population characteristics.
n = Cell size. Use caution in interpreting Cell sizes less than 50.

2009/10 National Survey of Children with Special Health Care Needs

How many CSHCN currently have asthma? (details)

Illinois	Do not have condition	Had condition at some point, but not currently	Currently have condition	Total %
%	62.9	5.6	31.4	100.0
C.I.	(58.2 - 67.7)	(3.8 - 7.4)	(26.9 - 36.0)	
n	489	53	247	
Pop. Est.	280,791	25,086	140,309	

C.I. = 95% Confidence Interval. Percentages are weighted to population characteristics.
n = Cell size. Use caution in interpreting Cell sizes less than 50.

www.cdc.gov/nchs/about/major/slaits/nsch.htm

<http://childhealthdata.org/learn/NSCH> "Browse the data"

Mortality

National and State

National Vital Statistics System

National Vital Statistics System

[About NVSS](#)[What's New](#)[Birth Data](#)

► Mortality Data

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Related Sites

[Surveys and Data Collection Systems](#)[Vital Statistics Online](#)[National Death Index](#)[2003 Revisions of the U.S. Standard Vital Certificates](#)[2011 Model Law](#)[NCHS Home](#) > [Surveys and Data Collection Systems](#) > [National Vital Statistics System](#)[Recommend](#) 88 [Tweet](#) 9 [Share](#)



Mortality Data

Mortality data from the National Vital Statistics System (NVSS) are a fundamental source of demographic, geographic, and cause-of-death information. This is one of the few sources of health-related data that are comparable for small geographic areas and are available for a long time period in the United States. The data are also used to present the characteristics of those dying in the United States, to determine life expectancy, and to compare mortality trends with other countries.

[Standard forms](#) for the collection of the data and [model procedures](#) for the uniform registration of the events are developed and recommended for nationwide use through cooperative activities of the jurisdictions and NCHS. Material is available to assist persons in [completing the death certificate](#). NCHS shares the costs incurred by the States in providing vital statistics data for national use. For further information, refer to [U.S. Vital Statistics System Major Activities and Developments: 1950-95](#). Software is available to automate coding of medical information on the death certificate, following World Health Organization rules specified in the International Classification of Diseases (ICD).

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Contact Us:

 Division of Vital Statistics
National Center for Health Statistics
3311 Toledo Rd
Hyattsville, MD 20782
 1 (800) 232-4636
[Contact CDC-INFO](#)

Key Mortality Statistics

Data for United States in 2009

- Number of deaths: 2,437,163
- Death rate: 793.8 deaths per 100,000 population
- Life expectancy: 78.5 years
- Infant Mortality rate: 6.39 deaths per 1,000 live births

Source: **Deaths: Final Data for 2009, Tables 1, 7, 10, 20**  [PDF - 1.4 MB]

What's New

Publications

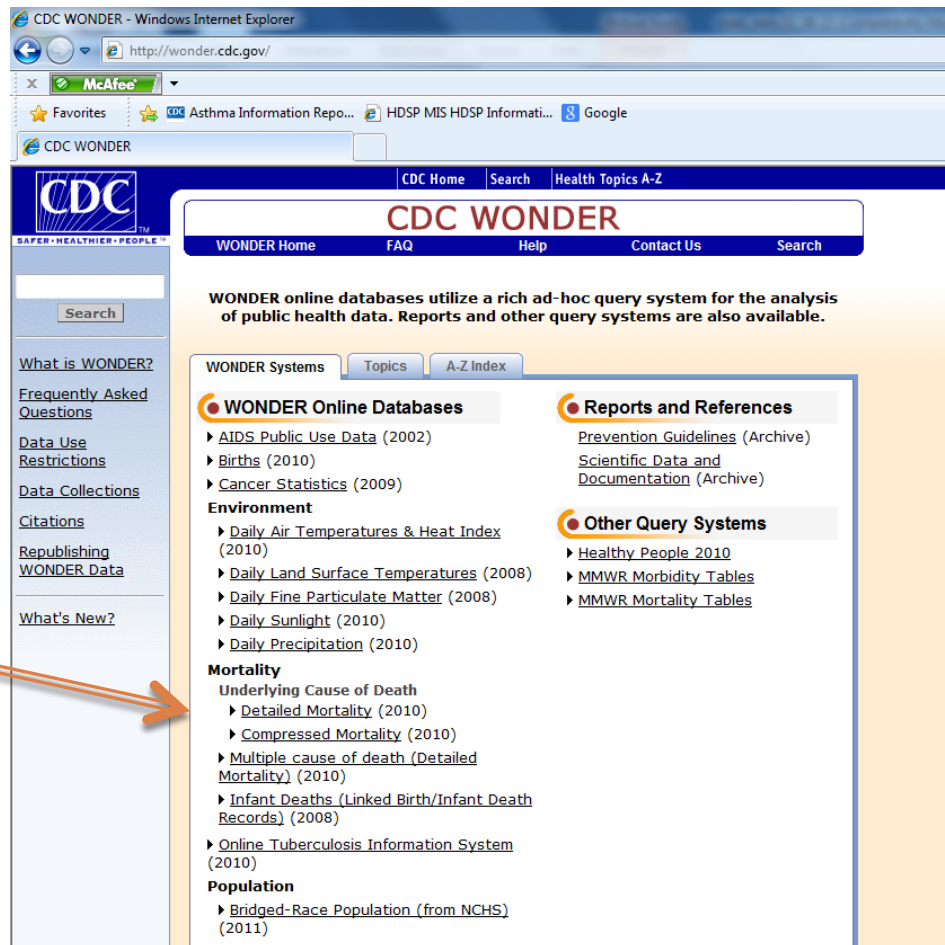
- [Infant Mortality Statistics from the 2009 Period Linked Birth/Infant Death Data Set](#)  [PDF- 438 KB] (1/2013)
- [Deaths: Leading Causes for 2009](#)  [PDF- 2.54 MB] (10/2012)
- [Deaths: Preliminary Data for 2011](#)  [PDF- 1.68 MB] (10/2012)
- [United States Life Tables, 2008](#)  [PDF-

<http://www.cdc.gov/nchs/deaths.htm>

Mortality

National, State, Local somewhat available

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The screenshot shows the CDC WONDER website interface. The browser title is "CDC WONDER - Windows Internet Explorer" and the address bar shows "http://wonder.cdc.gov/". The page features the CDC logo and navigation links for "CDC Home", "Search", and "Health Topics A-Z". Below the logo, there are links for "WONDER Home", "FAQ", "Help", "Contact Us", and "Search". A central banner states: "WONDER online databases utilize a rich ad-hoc query system for the analysis of public health data. Reports and other query systems are also available." The main content area is divided into sections: "WONDER Online Databases" (listing AIDS Public Use Data, Births, Cancer Statistics, Environment, and Mortality), "Reports and References" (listing Prevention Guidelines and Scientific Data and Documentation), and "Other Query Systems" (listing Healthy People 2010, MMWR Morbidity Tables, and MMWR Mortality Tables). The "Mortality" section is highlighted with an orange arrow pointing to it from the left. The "Mortality" section includes links for "Underlying Cause of Death", "Detailed Mortality", "Compressed Mortality", "Multiple cause of death", "Infant Deaths", and "Online Tuberculosis Information System".

<http://wonder.cdc.gov/>

Mortality

National, State, Local somewhat available

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Results from three years (2008-2010) of asthma mortality data from the CDC Wonder site

Messages:

► Rows with suppressed Deaths are hidden, but the Deaths and Population values in those rows are included in the totals. Use Quick Options above to show suppressed rows.

County ↓	→ Deaths ↑↓	↕ Population ↑↓	← Crude Rate Per 100,000 ↑↓
Cook County, IL (17031)	287	15,538,234	1.8
DuPage County, IL (17043)	18	2,739,454	Unreliable
Kane County, IL (17089)	18	1,530,979	Unreliable
Lake County, IL (17097)	18	2,101,873	Unreliable
McHenry County, IL (17111)	13	924,073	Unreliable
St. Clair County, IL (17163)	15	805,063	Unreliable
Will County, IL (17197)	14	2,023,922	Unreliable
Total	519	38,374,448	1.4

Caveats:

Data are Suppressed when the data meet the criteria for confidentiality constraints.

[More information.](#)

Death rates are flagged as Unreliable when the rate is calculated with a numerator of 20 or less. [More information.](#)

Hospitalizations

National and Regional (Midwest)

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SEARCH

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National Hospital Discharge Survey

National Hospital Discharge Survey

About NHDS/NHCS

Questionnaires, Datasets, and Related Documentation

Survey Results and Products

Listserve

[NCHS Home](#) > [Surveys and Data Collection Systems](#) > [National Health Care Surveys](#)

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The National Hospital Discharge Survey (NHDS), which was conducted annually from 1965-2010, was a national probability survey designed to meet the need for information on characteristics of inpatients discharged from non-Federal short-stay hospitals in the United States. Data from the NHDS are available annually and are used to examine important topics of interest in public

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What's New

Publications

- [Hospitalization for Congestive Heart Failure: United States, 2000–2010](#) (10/2012)



<http://www.cdc.gov/nchs/nhds.htm>

Hospitalizations

State and Local

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IQuery

New Data Search

Reports

Health Indicators

IP Chronic Diseases - Asthma

- Causes of Death
- Childbirth - Adverse Pregnancy Outcomes Reporting
- Childbirth - Births by Gestational Age
- Childbirth - Delivery Methods
- Childbirth - Infant Birthweight
- Communicable Diseases
- Emergency Room Visits - Acuity (NYU Algorithm)
- Emergency Room Visits - Injury (CDC Methods)
- Hospitalizations - Acute Conditions
- Hospitalizations - Alcohol-related
- Hospitalizations - Chronic Diseases
- Hospitalizations - Drug-related

- IP Chronic Diseases - Acute Myocardial Infarction ?
- IP Chronic Diseases - All ?
- IP Chronic Diseases - Arthritis ?
- IP Chronic Diseases - Asthma ?
- IP Chronic Diseases - Cancer ?
- IP Chronic Diseases - Cerebrovascular Disease (Stroke) ?
- IP Chronic Diseases - Congestive Heart Failure ?
- IP Chronic Diseases - COPD ?
- IP Chronic Diseases - Coronary Atherosclerosis ?
- IP Chronic Diseases - Diabetes with Complications ?

- City of Chicago Areas
 - Central Chicago
 - Far South Chicago
 - North Chicago
 - Northwest Chicago
 - South Chicago
 - Southwest Chicago
- City or Township
- County
- Health District
- Major Statistical Area
- Median Metropolitan Statistical Area
- Primary Statistical Area
- Regional
- State of Illinois
- Suburban

Get Results



Export to Excel



Create PDF



Print Result



New Search

IP Chronic Diseases - Asthma

Source: IDPH Discharge Data

Contact: IDPH Division of Patient Safety & Quality 217-782-6320 [More information about this indicator](#)

Description: The number of hospitalizations for asthma as principal diagnosis.



Show result in charts

Area	Period	Count	Rate
Illinois	2009-2010	39,994	5.7
Central Chicago	2009-2010	352	6.8
Far South Chicago	2009-2010	2,471	9.9
North Chicago	2009-2010	1,660	6.8
Northwest Chicago	2009-2010	1,770	7.7
South Chicago	2009-2010	2,317	11.2
Southwest Chicago	2009-2010	2,691	11.1
West Chicago	2009-2010	3,757	14.0

Rate Type: Percent. Formula: the number of hospitalizations for asthma as principal diagnosis * 100 / IP Chronic Disease - All..

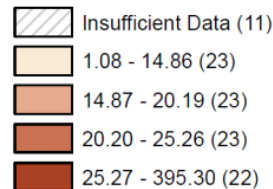
If a result is ***, it means that the value is small and is suppressed to ensure confidentiality and meaningful data.

Illinois Department of Public Health
Office of Health Promotion
2009-2010 Asthma Hospitalization* Rate per 10,000

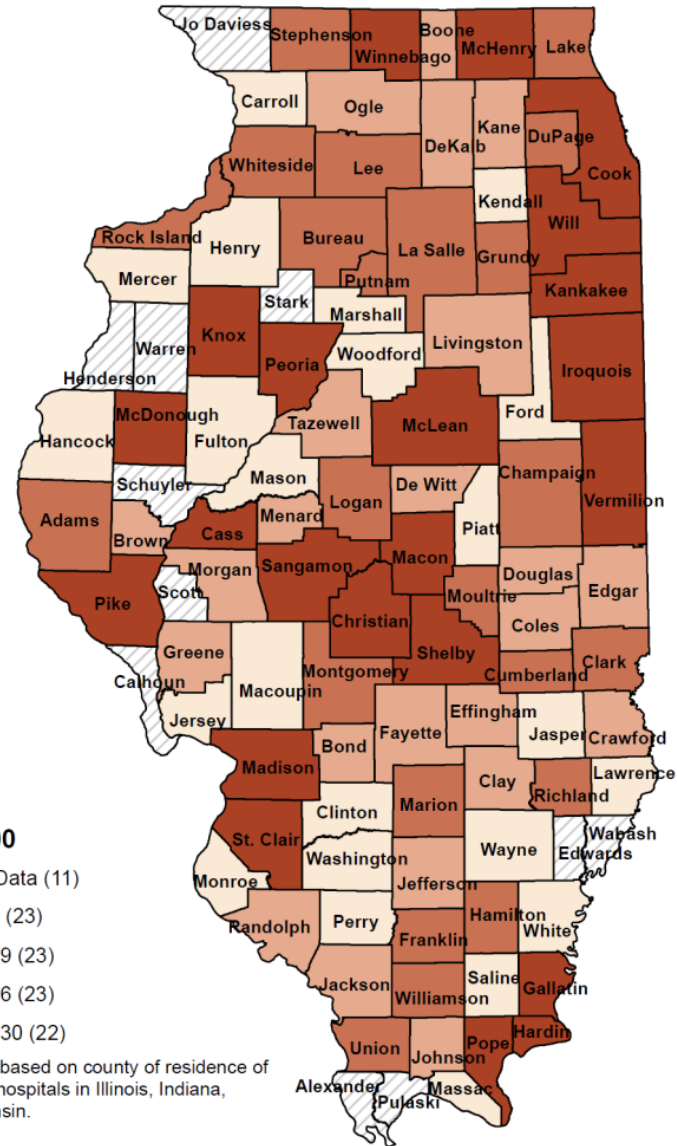
• Revised county-level asthma hospitalization rates with additional cases from Missouri, Wisconsin, and Indiana

Additional 1266 hospitalizations identified

Rate per 10,000



*Hospitalization data based on county of residence of patient and includes hospitals in Illinois, Indiana, Missouri, and Wisconsin.



ED Visits and Office Visits

National

18

National Ambulatory Medical Care Survey (NAMCS)

- Asthma measure: office visits
- Sample of visits to nonfederally employed office-based physicians primarily engaged in direct patient care
- Data collected by physician, rather than patient

National Hospital Ambulatory Medical Care Survey (NHAMCS)

- Asthma measure: emergency room visits
- Sample of visits to emergency departments and outpatient departments of non-institutional general and short-stay hospitals
- Data collected by hospital staff

CDC Home



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Ambulatory Health Care Data

Ambulatory Health Care Data

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Survey Results and Products

Other Resources

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The National Ambulatory Medical Care Survey (NAMCS) is a national survey designed to meet the need for objective, reliable information about the provision and use of ambulatory medical care services in the United States.

Find
fede
are p

<http://www.cdc.gov/nchs/ahcd.htm>

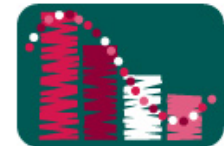
What's New

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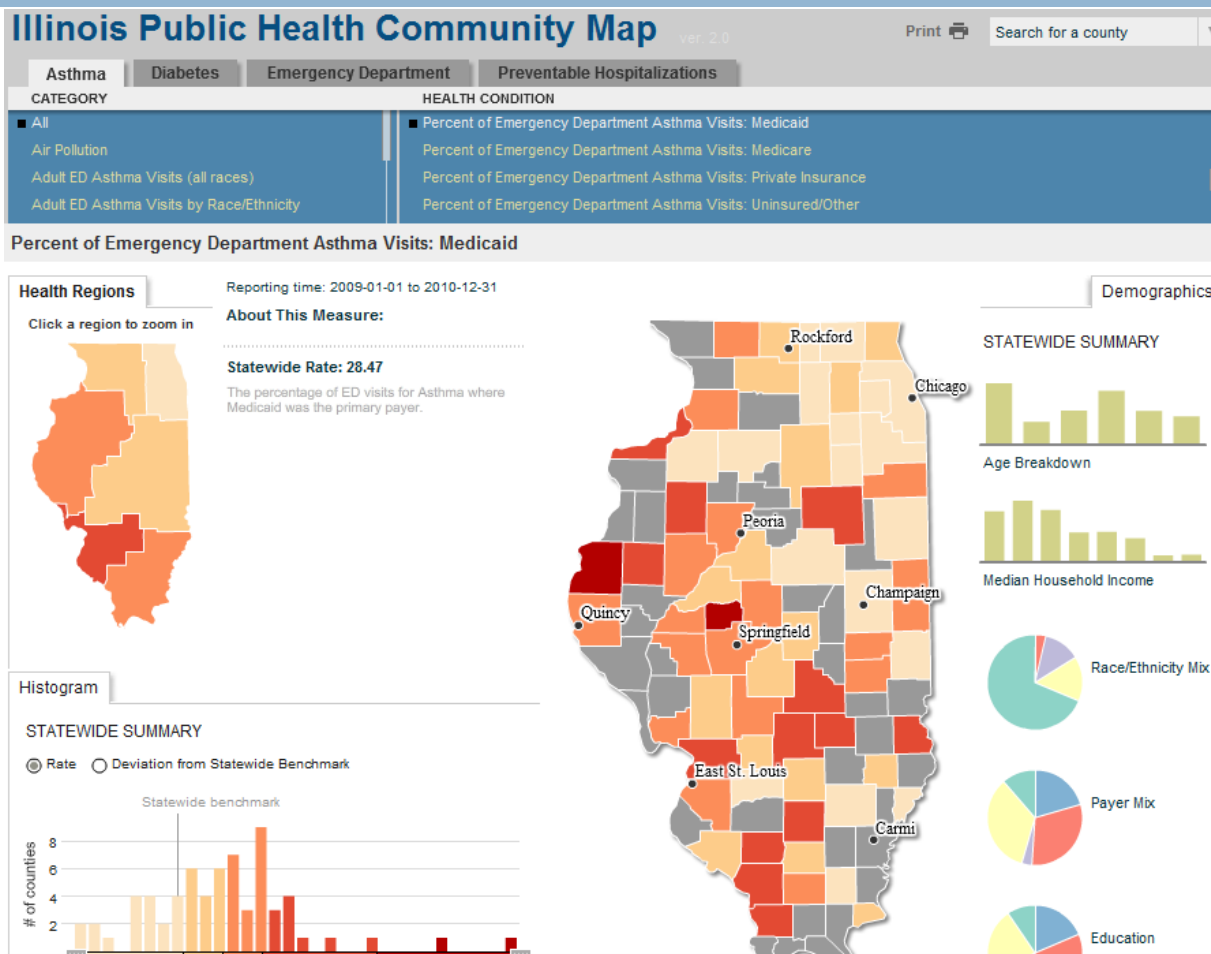


Contact Us

ED Visits

State and local

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<http://www.healthcarereportcard.illinois.gov/maps>

BRFSS Asthma Call-back

National and State

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Centers for Disease Control and Prevention
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A-Z Index A B C D E F G H I J K L M N O P Q R S T U V W X Y Z #

Asthma

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- Asthma's Impact on the Nation
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- Asthma Stats
- BRFSS Prevalence Data
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- Survey Questions
- MMWR Publications
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- National Asthma Control Program

[Asthma > Data and Surveillance](#)

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Asthma Call-back Survey (ACBS)

The [Asthma Call-back Survey \(ACBS\)](#) is a product of CDC's National Asthma Control Program (NACP). The NACP plays a critical role in addressing asthma. The program funds states, cities, and school programs to help them improve surveillance of asthma, train health professionals, educate individuals with asthma and their families, and explain asthma to the public. The NACP is part of the Air Pollution and Respiratory Health Branch (APRHB) of the Division of Environmental Hazards and Health Effects (EHHE) in the National Center for Environmental Health (NCEH).

The ACBS adds considerable depth to the existing body of asthma data. It addresses critical questions surrounding the health and experiences of persons with asthma and provides data at the state and local level. Asthma data need to be available at the state and local level to direct and evaluate interventions undertaken by asthma control programs located in state health departments. Improved tracking for asthma is critical for planning and evaluating efforts to reduce the health burden from this disease.

The ACBS is conducted approximately 2 weeks after the [Behavioral Risk Factor Surveillance Survey \(BRFSS\)](#). BRFSS respondents who report ever being diagnosed with asthma are eligible for the asthma Call-back. If a state includes children in the BRFSS and the randomly selected child has ever been diagnosed with asthma, then the child is eligible for the asthma Call-back. If both the selected child and the BRFSS adult in a household have asthma, then only one or the other is eligible for the ACBS.

[ACBS data files and documentation: BRFSS Asthma Call-back Survey \(ACBS\)](#)

[BRFSS Adult Asthma Call-back Survey Prevalence Tables](#)

2010 BRFSS

[Email page link](#)
[Print page](#)
[Listen to audio/Podcast](#)

Data & Surveillance

Current Asthma Prevalence Percentages by Age, Sex, and Race/Ethnicity, United States, 2011

Category	Prevalence Percentage
Child 9-5%	9%
Adult 2%	2%
Male 2.2%	2.2%
Female 1.9%	1.9%
White 2.2%	2.2%
Black 11.6%	11.6%
Response 7.3%	7.3%

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Adult Web Tables
Child Web Tables
Multi-Year 2006-2010

Routine Visits

Asthma
Attacks

Received
Asthma
Management
Plan

<http://www.cdc.gov/asthma/ACBS.htm>

Youth Risk Behavior Survey (YRBS)

National and State

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The screenshot shows the CDC website for the Youth Risk Behavior Surveillance System (YRBSS). The main content area features a heading 'Youth Risk Behavior Surveillance System (YRBSS)' followed by a description: 'The Youth Risk Behavior Surveillance System (YRBSS) monitors six types of health-risk behaviors that contribute to the leading causes of death and disability among youth and adults, including—'.

- Behaviors that contribute to unintentional injuries and violence
- Sexual behaviors that contribute to unintended pregnancy and sexually transmitted diseases, including HIV infection
- Alcohol and other drug use
- Tobacco use
- Unhealthy dietary behaviors
- Inadequate physical activity

Below this, it states: 'YRBSS also measures the prevalence of obesity and asthma among youth and young adults. YRBSS includes a national school-based survey conducted by CDC and state, territorial, tribal, and local surveys conducted by state, territorial, and local education and health agencies and tribal governments.'

A section titled 'Youth Online Interactive Data Tables' is circled in orange. It contains the text: 'Analyze and create custom tables and graphs and perform statistical tests on high school and middle school YRBS results from 1991 to 2011, by site and health topic.' Below this text is a button labeled 'Enter Youth Online'.

- School-based survey
 - National
 - 40 State & 21 local components
- Youth and young adults
 - Grades 9–12
- Asthma - single chronic condition
 - Lifetime, current, episodes/attacks

<http://apps.nccd.cdc.gov/youthonline/App/Default.aspx>

Youth Risk Behavior Survey (YRBS)

State and Local

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Child Health Data Lab

The Mary Ann & J. Milburn Smith Child Health Research Program
Children's Memorial Research Center



[Home](#) **YOUTH RISK BEHAVIOR SURVEY**

[About CHDL](#) [Go to Illinois \(excluding Chicago\) and Chicago Results](#)

[CHDL Staff](#)

The Youth Risk Behavior Survey (YRBS) focuses on priority health risks established during youth that result in the most significant mortality, disability, and social problems during both youth and adulthood. Questions are about tobacco use, alcohol and other drug use, physical activity, injuries, and behavior resulting in sexually transmitted diseases and pregnancy. Add both the Chicago YRBS and the 2011 Illinois YRBS contain questions about students' sexual orientation. For more information visit the [National YRBS](#)

Special Projects

[IL Violent](#)

[Death](#)

[Reporting](#)

[System](#)

2011 Illinois (excluding Chicago) YRBS Results

*All data is self-reported.

[Results Summary](#)

[Summary Tables](#)

[Graphs](#)

[Demographic Tables](#)

[Trend Report](#)

2009 Illinois (excluding Chicago) YRBS Results

[Results Summary](#)

[Summary Tables](#)

[Graphs](#)

[Demographic Tables](#)

[Trend Report](#)

2007 Illinois (excluding Chicago) YRBS Results

[Results Summary](#)

[Summary Tables](#)

[Graphs](#)

[Demographic Tables](#)

2007 Chicago YRBS Results

[Results Summary](#)

[Summary Tables](#)

[Graphs](#)

[Demographic Tables](#)

<http://www.chdl.org/yrbs.htm>

Tobacco Surveys

State

23



Illinois Department of Public Health • Pat Quinn, Governor • LaMar Hasbrouck, MD, M

A B C D E F G H I J K L M N O P Q R S T U V W

Has a doctor, nurse or other health professional ever told you that you have asthma?

1. Yes
2. No
3. Not Sure

Do you still have asthma?

1. I never had asthma
2. Yes
3. No
4. Not sure

During the past 12 months, have you had an episode of asthma or asthma attack?

1. I never had asthma
2. Yes
3. No
4. Not sure

- [Tanning Facilities Law and Rules](#)
- [Tanning Poster Sample and Order Information](#)
- [Tattoo/body Art](#)
- [Task Force on Health Planning Reform](#)
- [Toxoplasmosis - CDC](#)
- [Teen Births](#)
- [Teeth, Brushing Your](#)
- [Tetanus - PDF](#)
- [Thimerosal Fact Sheet \(See \[Mercury-Free Vaccine Act Exemption Declarations\]\(#\)\)](#)
- [Ticks](#)
- [Tick Prevention Poster](#)
- [Timeline - A History of the Illinois Department of Public Health](#)
- [Tobacco \(Smoke-free Illinois\)](#)
- [Adult Tobacco Survey, 2005 | 2007](#)
- [Chronic Disease Burden Update – Impact of Smoke-free Illinois Act](#)
- [I Decide, The First Year, 2000 - 2001 - PDF](#)
- [I Decide, The Second Year, 2001 - 2002 - PDF](#)
- [Illinois Tobacco Quitline](#)
- [Tobacco Facts - Oral Health](#)
- [Tobacco-Free Communities Web site, Illinois](#)
- [Youth Tobacco Survey, 2002 | 2005 | 2006 | 2008](#)
- [Toxicology](#)
- [Training and Conference Online Registration](#)

<http://www.idph.state.il.us/>

Medicaid Data

Chronic Conditions

[Chartbook](#)

[Geographic Data](#)

[Dashboard](#)

State Reports

The Centers for Medicare & Medicaid Services (CMS) has developed state reports on chronic conditions and multiple chronic conditions as well as utilization of services for the 50 U.S. states and Washington, DC.

These state reports on chronic conditions are available for the year 2007-2011. Report 1 presents the prevalence, utilization of services, and multiple chronic conditions among Medicare beneficiaries and compares these to national estimates. Report 2 presents the prevalence, utilization of services, and multiple chronic conditions and allows for the comparison of state data to national estimates. There is a brief "Overview" section describing the data source, the methodology used in calculating these indicators, and a list of the chronic conditions included in the report.

Downloads

[State Level Chronic Condition Reports \[ZIP, 773KB\]](#)

Prevalence of Specific Chronic Conditions among Medicare FFS Beneficiaries by State: 2007-2011

Asthma

State	2007	2008	Asthma 2009	2010	2011
National	4.3%	4.5%	4.6%	4.7%	4.7%
Alabama	4.1%	4.3%	4.4%	4.5%	4.4%
Alaska	3.8%	3.7%	3.8%	3.6%	3.6%
Arizona	4.5%	4.6%	4.8%	4.9%	4.9%
Arkansas	3.4%	3.4%	3.5%	3.5%	3.4%
California	4.8%	5.0%	5.1%	5.2%	5.1%
Colorado	3.9%	3.9%	4.0%	4.1%	4.1%
Connecticut	5.0%	5.1%	5.3%	5.5%	5.3%
Delaware	4.6%	4.7%	4.9%	4.9%	5.1%
District of Columbia	4.7%	4.7%	5.0%	5.6%	5.7%
Florida	4.4%	4.6%	4.7%	4.9%	4.9%
Georgia	3.9%	4.1%	4.3%	4.3%	4.3%
Hawaii	4.9%	5.1%	5.1%	5.3%	5.0%
Idaho	3.8%	3.9%	4.0%	4.1%	4.1%
Illinois	4.3%	4.5%	4.7%	4.9%	4.9%
Indiana	4.0%	4.1%	4.2%	4.3%	4.4%
Iowa	3.1%	3.2%	3.3%	3.3%	3.2%

<http://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/Chronic-Conditions/CCStateReports.html>

Community Commons

Local

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[Share](#) ▾

...An interactive mapping, networking, and learning utility for the healthy, sustainable, and livable communities' movement.

Connect

To people and places, view the Map of the Movement, and search initiative and member profiles.

Engage

With peers and leaders, explore news and features, join groups and read our blog.

Visualize

New possibilities, access vast and powerful datasets, and create your own GIS maps.

Share

Webinars, conferences, and learning events.

Search Data

Keywords: asthma

[2 datasets found]



[Health](#) > [Health & Wellness Statistics](#) > [Medicare Patient Statistics](#)

**National Statistics from the Dartmouth Atlas of Healthcare:
Hospital Discharge Rates (per 1,000 Medicare Enrollees),
by Hospital Service Area, 2008-2010**

Discharges, Patients Admitted for Asthma [i](#)

**National Statistics from the Dartmouth Atlas of Healthcare:
Hospital Discharge Rates (per 1,000 Medicare Enrollees),
by Hospital Referral Region, 2008-2010**

Discharges, Patients Admitted for Asthma [i](#)

<http://www.communitycommons.org/>

Health Data Interactive National

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CDC Health Data Interactive
SAFER • HEALTHIER • PEOPLE

Reports Table Chart

Search Search within current folder

Folders	Name
All reports	Allergic conditions, ages 0-17: US, 1997-2011 (Source: NHIS)
Public reports	Asthma and chronic obstructive pulmonary disease: US, 1997-2011 (Source: NHIS)
Health and functional status	Attention deficit hyperactivity disorder, learning disability, behavior difficulty, ages 5-17: US, 1997-2011 (Source: NHIS)
Health care use and expenditures	Chronic conditions, ages 18+: US, 1997-2011 (Source: NHIS)
Health conditions	Diabetes, ages 20+, US, 1988-2010 (Source: NHANES)
Health insurance	Dental caries (loss of all natural teeth), ages 18+: US, 1997-2011 (Source: NHIS)
Mortality and life expectancy	Incontinence (bladder) of Medicare beneficiaries ages 65+: US, 1992-2010 (Source: MCBS)
Pregnancy and birth	Mental health, serious psychological distress, ages 18+: US, 1997-2011 (Source: NHIS)
Risk factors and disease prevention	Tooth decay, untreated: US, 1988-2008 (Source: NHANES)
	Health Data Interactive - Data Table Download

Name
Emergency department visits: US, 1995-2009 (Source: NHAMCS)
Hospital discharges by first-listed diagnosis among children: US, 1990-2010 (Source: NHDS)
Hospital discharges by first- and any-listed listed diagnosis: US, 1990-2010 (Source: NHDS)
Hospital procedures, all-listed: US, 1990-2010 (Source: NHDS)
Injury visits to emergency departments by intent and mechanism, US, 2001-2009 (Source: NHAMCS)
Nursing home residents: US, 1977-2004 (Source: NNHS)
Personal health care expenditures of Medicare beneficiaries by chronic conditions and type of service, ages 65+: US, 1992-2007 (Source: MCBS)
Personal health care expenditures of Medicare beneficiaries by functional status and type of service, ages 65+: US, 1992-2007 (Source: MCBS)
Personal health care expenditures of Medicare beneficiaries by source of payment and type of service, ages 65+: US, 1992-2007 (Source: MCBS)
Prescribed medicine expenditures of noninstitutionalized Medicare beneficiaries with prescribed medicine use, ages 65+: US, 1992-2007 (Source: MCBS)
Prescribed medicine use among noninstitutionalized Medicare beneficiaries, ages 65+: US, 1992-2007 (Source: MCBS)
Health Data Interactive - Data Table Download

<http://www.cdc.gov/nchs/hdi.htm>

Health Indicators Warehouse

National

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HOME

INDICATORS

RESOURCES

ABOUT

FOR DEVELOPERS

asthma

Share

Search Results

We found 21 indicators which contain:

Activity limitations: persons with asthma (percent)	RD-4
Asthma deaths: adults 35-64 years (per 1,000,000)	RD-1.2
Asthma deaths: older adults (per 1,000,000)	RD-1.3
Asthma deaths: persons <35 years (per 1,000,000)	RD-1.1
Asthma ED visits: children <5 years (per 10,000)	RD-3.1
Asthma ED visits: older adults (per 10,000)	RD-3.3
Asthma ED visits: persons 5-64 years (per 10,000)	RD-3.2
Asthma exposure risks, advise to reduce: persons with asthma (percent)	RD-7.5
Asthma hospitalizations: children <5 years (per 10,000)	RD-2.1
Asthma hospitalizations: older adults (per 10,000)	RD-2.3
Asthma hospitalizations: persons 5-64 years (per 10,000)	RD-2.2

<http://healthindicators.gov/>

Other Resources

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- National Health and Nutrition Examination Survey (NHANES)
 - <http://www.cdc.gov/nchs/nhanes.htm>

- Sortable Stats 2.0
 - <http://wwwn.cdc.gov/sortablestats/>

Acknowledgements

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Centers for Disease Control and Prevention