

Asthma Data and Statistics

The mission of the Indiana State Department of Health Asthma Program is to reduce the burden of asthma in Indiana.

• **Indiana Data**

In 2008, an estimated

(As reported by 2008 Behavioral Risk Factor Surveillance System (BRFSS) <http://apps.nccd.cdc.gov/brfss/>)

- 645,000 adults (13.7%) have been diagnosed with asthma during their lifetime
- Of those diagnosed with asthma during their lifetime 430,000 adults currently have asthma. This is 9.2% of the total adult population
- 205,000 children (13%) have been diagnosed with asthma during their lifetime
- Of those diagnosed with asthma during their lifetime 135,000 (8.2%) children currently have asthma. This is 8.2% of the total child population

In 2007, asthma accounted for

(As reported by Indiana Hospital Association)

- 7,327 hospitalizations with asthma documented as the main diagnosis. The age-adjusted hospital discharge rate was 11.44 per 10,000 persons in Indiana.
- 28,472 emergency room visits. The age-adjusted emergency room visit rate was 46.9 per 10,000 persons in Indiana.

In 2007,

(As reported by 2007 BRFSS Asthma Call Back Survey)

- More than 3 / 4 (76.5%) of adults with current asthma reported being taught by a doctor or other health professional what to do during an asthma episode or attack
- About 69% of adults with current asthma reported that a doctor or health professional taught them how to recognize early signs or symptoms of an asthma episode
- About 1/3 (33.3%) of adults with current asthma received an asthma action plan from a doctor or other health professional

In 2006, asthma accounted for

(As reported by Indiana State Department of Health, Epidemiology Resource Center, Data Analysis Team)

- 71 deaths. The age-adjusted mortality rate was 11 per 1,000,000 persons in Indiana which was lower than the national rate of 12 per 1,000,000 persons in the United States of America in the same year. This is based on the underlying cause of death listed on the Indiana death certificate.

• **National Data**

(This information can be found at <http://www.cdc.gov/nchs/FASTATS/asthma.htm>)

In 2007, an estimated

(As reported by the National Health Interview Survey, 2007)

- 6.7 million children (9.1%) were currently have asthma
- 16.2 million adults (7.3%) were currently have asthma

In 2006, asthma accounted for

(As reported by the National Ambulatory Medical Care Survey, 2006)

- 10.6 million visits to office-based physicians

In 2006, asthma accounted for

(As reported by the 2006 National Hospital Discharge Survey)

- 444,000 hospital discharges with asthma written as the first-listed diagnosis
- An average hospital stay of 3.2 days

In 2006, asthma accounted for

(As reported by the National Center for Health Statistics; Deaths: Final Data for 2006)

- 3,613 deaths (12 deaths per 1,000,000 persons in the United States of America)

• **Asthma Disparities - Indiana**

In 2008,

(As reported by CDC 2008 Behavioral Risk Factor Surveillance System (BRFSS) <http://apps.nccd.cdc.gov/brfss/>)

- The prevalence of current asthma for adults was higher for females (11.6%) than males (6.7%)

In 2007,

(As reported by the Indiana Hospital Association)

- Women had higher hospitalization rate (14.1) and emergency department visit rate (52.9) than males (8.5 and 40.7 respectively). All rates are based per 10,000 persons in Indiana
- Blacks had higher hospitalization rate (33.3) and emergency department visit rate (135) than whites (8.4 and 33.3 respectively). All rates are based per 10,000 persons in Indiana
- Children younger than 5 and adults 65 and older had higher hospitalization rates for asthma compared to all other age groups.

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