

Texas and North Texas Asthma Statistics and Facts

The Texas Department of State Health Services oversees and tracks asthma in the state. The 2014 report is not yet; the following is the latest available (2011) information

- Nationally, an estimated 7.1 million children have asthma
- Annual costs for asthma in the U.S. reach \$56 billion
- In Texas, approximately 556,000 children have asthma
- Asthma is one of the most common chronic (long-term) diseases in childhood

According to the Texas Behavioral Risk Factor Surveillance System, 2011 (TDSHS):

- Asthma is more common among older children than younger children, yet the rate of asthma hospitalization is much higher among young children
- Asthma hospitalization rates among non-Hispanic black children were significantly higher than other race/ethnic groups in in Public Health Region 3 (PHR3: North Texas) and Texas
- Childhood asthma hospitalization rates were higher among boys and younger children in PHR 3 and Texas
- Most children with asthma have missed school because of their asthma
- Dallas County has the highest number of child asthma hospitalization in PHR 3 and one of the highest child hospitalization rates for asthma
- Among children age 0-17, 9,280 asthma-related hospitalizations were reported in 2011
 - 45% of child asthma hospitalizations occurred among children 0-4 years
- Total charges for pediatric asthma hospitalizations in 2011
 - Texas: \$172.9 million
 - PHR 3: \$53.9 million
 - Dallas County \$32 million
- Mortality rates per 100,000 for asthma among children (2006-2011)
 - Texas: 89 deaths
 - PHR 3: 29 deaths
 - Dallas County: 12 deaths
- Prevalence of current asthma among children is higher in boys than girls
 - Texas: 11.2% boys vs. 8.9% girls
 - PHR 3: 8.6% boys vs. 7.4% girls

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- Prevalence of current asthma among children by race
 - Texas
 - 8.2% white
 - 6.6% Hispanic
 - 11.7% African American
 - 7.1% other
 - PHR 3:
 - 11.7% white
 - 7.3% Hispanic
 - (no other races defined)

- Prevalence of current asthma among children by age
 - Texas:
 - 0-4: 5.3
 - 5-9: 10.3
 - 10-14: 8.6
 - 15-17: 9.4
 - PHR 3:
 - 0-4: 5.4
 - 5-9: 13.1
 - 10-14: 10.3
 - 15-17: 15.9

- Number of school days missed (Texas)
 - 1-3 days: 29.6
 - 4-6 days: 14.8
 - 7-10 days: 3.5
 - 11+ days: 6.5

- Among children with current asthma, the prevalence of visiting a doctor or other health professional for routine checkup for asthma over a 12 month period:
 - 1-2 times: 44.8
 - 3-4 times: 18.8
 - 5-6 times: 4.4
 - 7+ times: 2.8

SOURCE: Children's Medical Center Dallas (2013)

At Children's Medical Center

- 1,631 children hospitalized with asthma in 2013, of which 48 were readmitted (2.9%)
- 5,157 asthma-related visits to the emergency department