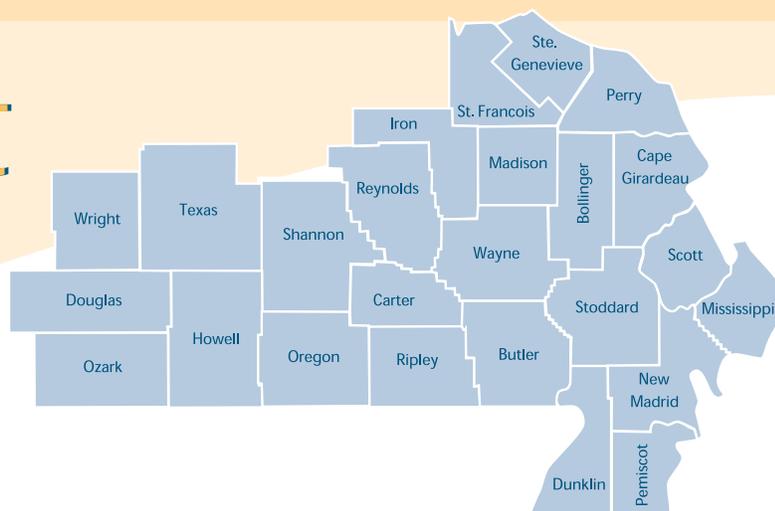


Southeast Region



Regional Fact Sheet: 2003-2004

PREVALENCE

- Based on 2004 estimates, nearly 46,000 adults and 10,000 children under 18 in the southeast region are currently living with asthma
- Current asthma prevalence among adults living in the southeast region was 10.3%, compared to 9.1% for the entire state*
- Current asthma prevalence among children was 7.2%, compared to 8.0% for the entire state**

ASTHMA EMERGENCY DEPARTMENT VISITS

There were 2,403 emergency department (ED) visits in the southeast region in 2003

- The age-adjusted asthma ED visit rate was 4.5 per 1,000 persons, which was lower than the state rate (5.6 per 1,000)**
- See table at right for ED visit rates by county
- Children accounted for 38.9% of all asthma ED visits in this region, compared to 45.0% for the state as a whole
- African American made up only 5.0% of the region's population, but accounted for 19.3% of all ED visits
- ED visit rates were higher among females than males**

ASTHMA HOSPITALIZATION RATES

There were 878 hospitalizations in the southeast region in 2003

- The age-adjusted asthma hospitalization rate was 16.0 per 10,000, which was higher than the state rate (13.9 per 10,000)**
- Children accounted for 44.4% of all asthma hospitalizations in this region, compared to 36.7% for the state as a whole
- African Americans made up only 5.0% of the region's population, but accounted for 17.3% of all hospitalizations
- Asthma led to 2,627 days of hospital care
- Charges totaled \$5.6 million for asthma hospitalizations

*Differences were not statistically significant

**Differences were statistically significant

Note: Emergency department and hospitalization rates have been age adjusted based on the US 2000 standard population; county and regional data are reported by patient residence.

DATA SOURCES

PREVALENCE DATA: Missouri Department of Health and Senior Services. Missouri Behavioral Risk Factor Surveillance System, 2004.

ED AND HOSPITALIZATION DATA: Missouri Department of Health and Senior Services — Bureau of Health Informatics. Missouri Information for Community Assessment (MICA). Accessed August 1, 2005. <http://www.health.state.mo.us/MICA>

POPULATION DATA: Missouri Census Data Center. 2003 Population Estimates for Missouri and the United States. <http://mcdc2.missouri.edu/trends/estimates.shtml>

AGE-ADJUSTED ASTHMA EMERGENCY DEPARTMENT RATES BY COUNTY, SOUTHEAST MISSOURI 2003

COUNTY	RATE PER 1,000
Bollinger	4.2
Butler	4.7
Cape Girardeau	2.8
Carter	4.3
Douglas	NC
Dunklin	4.7
Howell	4.0
Iron	4.0
Madison	8.0‡
Mississippi	6.4
New Madrid	5.6
Oregon	4.2
Ozark	NC
Pemiscot	10.0‡
Perry	7.3‡
Reynolds	NC
Ripley	4.0
St. Francois	6.1
Ste. Genevieve	2.3
Scott	6.1
Shannon	3.8
Stoddard	4.4
Texas	2.9
Wayne	2.7
Wright	2.0
Regional	4.5
State	5.6

NC = Sample size was not sufficient for rate calculation
‡ = Statistically significantly higher than the state ED rate