

# 2012 KENTUCKY ASTHMA PROGRAM FACT SHEET: BLUEGRASS AREA DEVELOPMENT DISTRICT

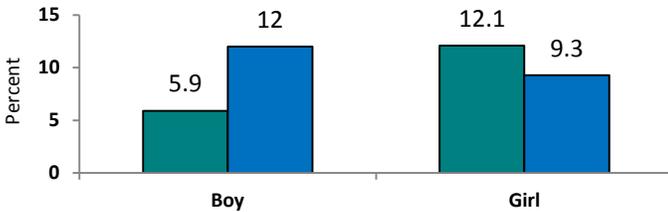
- The Bluegrass District of Kentucky is comprised of 17 counties: Anderson, Franklin, Woodford, Mercer, Boyle, Lincoln, Garrard, Jessamine, Fayette, Scott, Harrison, Bourbon, Nicholas, Clark, Madison, Powell, and Estill.
- The 2011 Bluegrass District population was roughly 779,000. About 175,000 persons were younger than 18 (children), and about 604,000 were 18 or older (adults).



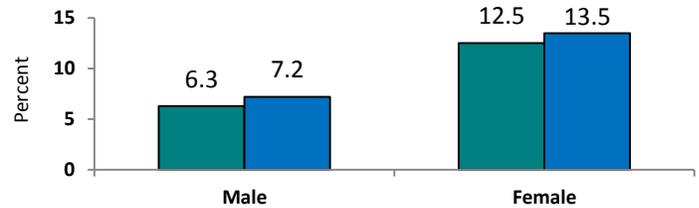
## PREVALENCE

- In 2010, an estimated 15,000 (9.0%) children in the Bluegrass Region currently had asthma compared to 10.7% for Kentucky and 8.4% for the United States.<sup>1</sup> In 2011, an estimated 51,000 (9.5%) adults in this district currently had asthma, compared to 10.4% for Kentucky and 9.1% for the United States.<sup>1</sup>

**Child current asthma prevalence, by gender:** ■ Bluegrass ■ Kentucky  
BRFSS<sup>1</sup>, 2010



**Adult current asthma prevalence, by gender:** ■ Bluegrass ■ Kentucky  
BRFSS<sup>1</sup>, 2011

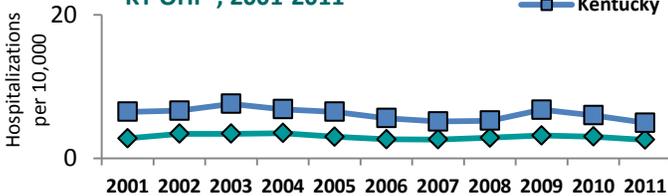


- In 2010, child current asthma prevalence rate was higher in girls than boys in the Bluegrass District. Overall, adult current asthma prevalence rate was similar in this district to Kentucky. (Note: BRFSS 2010 data cannot be compared to BRFSS 2011 data because of change in methodology).

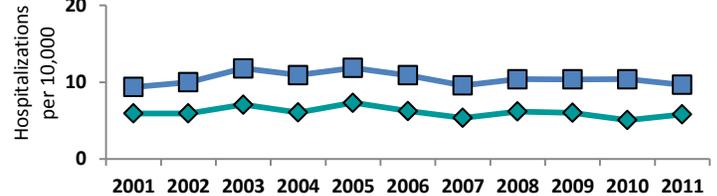
## HOSPITALIZATIONS

- In 2011, the age-adjusted hospitalization rate for children in this district was 2.6/10,000 persons compared to the Kentucky rate of 4.9/10,000 persons; while, the age-adjusted hospitalization rate for adults was 5.8/10,000 persons compared to the Kentucky rate of 9.7/10,000 persons.

**Child age adjusted asthma hospitalizations:** ◆ Bluegrass ■ Kentucky  
KY OHP<sup>2</sup>, 2001-2011



**Adult age adjusted asthma hospitalizations:** ◆ Bluegrass ■ Kentucky  
KY OHP<sup>2</sup>, 2001-2011



- Child and adult asthma hospitalizations have been lower in the Bluegrass District compared to Kentucky. Between 2001 and 2011, the total child and adult asthma hospitalizations in this district averaged 4.6 asthma hospitalizations/ 10,000 persons/year, while Kentucky averaged 8.3 asthma hospitalizations/10,000 persons/ year over the same 11 year period.<sup>2</sup>

## EMERGENCY DEPARTMENT VISITS

- In 2011, the asthma Emergency Department visits for children were 1.88/1,000 persons, compared to the state rate of 1.96/1,000 persons<sup>3</sup> and for adults were 2.65/1,000 persons compared to the state rate of 2.51/1,000 persons.<sup>3</sup>

## MORTALITY

- Between 2001 and 2010, the average age-adjusted asthma deaths were 0.92 /100,000 persons/year in this district compared to 1.10/100,000 persons/year for Kentucky.<sup>4</sup> In 2010, crude asthma death rates for Kentucky were 1.01/100,000 persons<sup>4</sup> compared to the US crude death rate of 1.1/100,000 persons.<sup>5</sup>

### NOTES:

1. Behavioral Risk Factor Surveillance System (BRFSS).

2. Kentucky, Office of Health Policy (OHP), 2001-2011.

3. OHP: Preliminary data 2011.

4. Office of Vital Statistics, Kentucky, 2001-2010.

5. CDC Wonder data: <http://wonder.cdc.gov/ucd-icd10.htm>

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