Iowa Environmental Public Health Tracking Network

Nationally Consistent Data Measures for Asthma

State Level Hospitalizations 2000-2008

This report uses data collected by hospitals. It can be used to identify trends and patterns in the occurrence of asthma hospitalizations across time and space. Asthma hospital admissions tend to be for more severe asthma attacks and do not include asthma among individuals who do not receive medical care, who are not hospitalized, or who are treated in outpatient settings.

The Hospitalization data used does not include Iowa residents hospitalized in federally operated military or Veterans Administration facilities or facilities outside of Iowa.

Rate are age-adjusted using the direct method to the 2000 US Standard Population.

Presented below are data that represent the nationally consistent data measures related to Hospitalizations for Asthma in Iowa from 2000-2008:

1. Annual case counts for hospitalization for Asthma from 2000-2008 at the state level.
2. Annual crude rates of hospitalization for Asthma per 10,000 population by age from 2000-2008 at the state level.
3. Annual age-adjusted rates of hospitalization for Asthma per 10,000 population from 2000-2008 at the state level.

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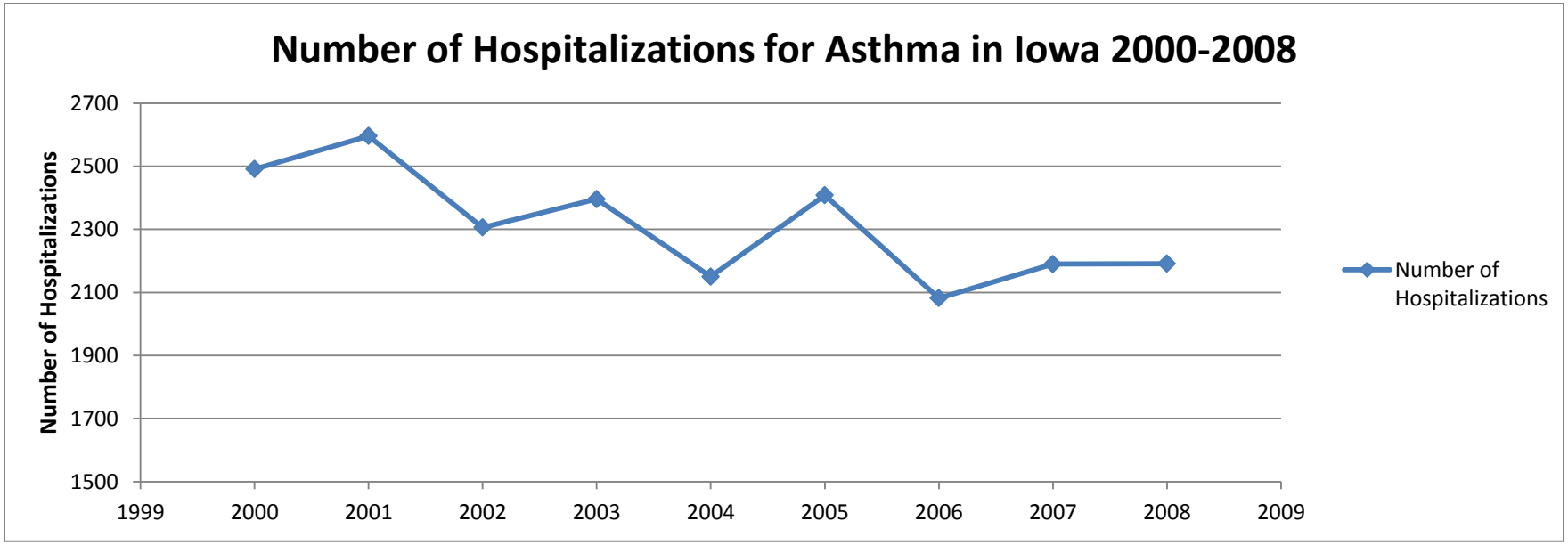
1. Annual case counts for Hospitalizations for Asthma in Iowa from 2000-2008.

Year	2000	2001	2002	2003	2004	2005	2006	2007	2008
Case Count	2491	2596	2306	2396	2150	2408	2082	2190	2191



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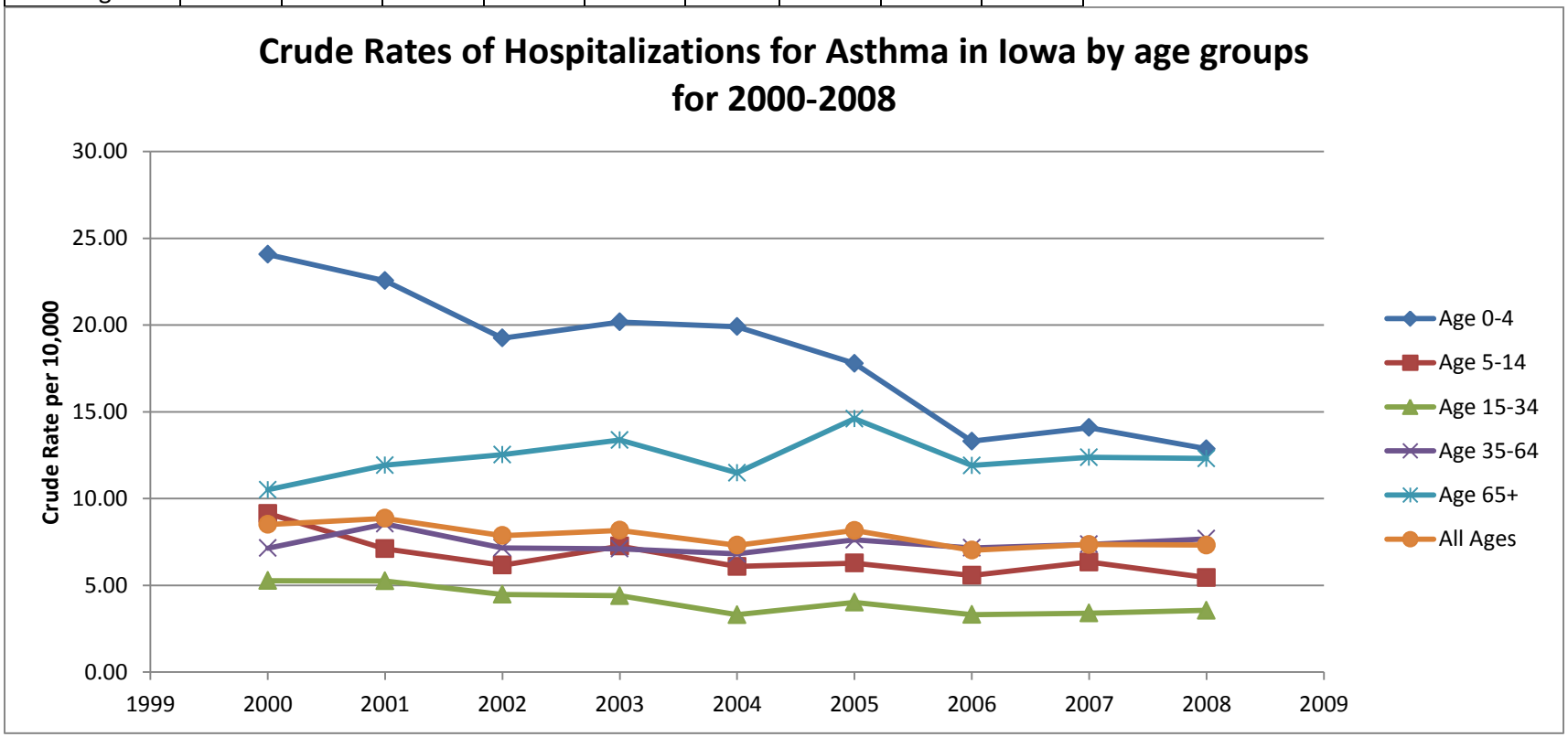
2. Annual Crude rates per 10,000 population by specified age groups for Hospitalizations for Asthma in Iowa from 2000-2008.

Year	2000	2001	2002	2003	2004	2005	2006	2007	2008
Age 0-4	24.07	22.55	19.25	20.17	19.91	17.79	13.30	14.09	12.87
Age 5-14	9.14	7.11	6.17	7.26	6.09	6.28	5.58	6.34	5.45
Age 15-34	5.27	5.26	4.48	4.40	3.31	4.02	3.32	3.40	3.56
Age 35-64	7.15	8.55	7.16	7.11	6.81	7.62	7.16	7.36	7.69
Age 65+	10.50	11.93	12.53	13.38	11.49	14.60	11.91	12.38	12.32
All Ages	8.51	8.86	7.87	8.17	7.31	8.16	7.02	7.35	7.32



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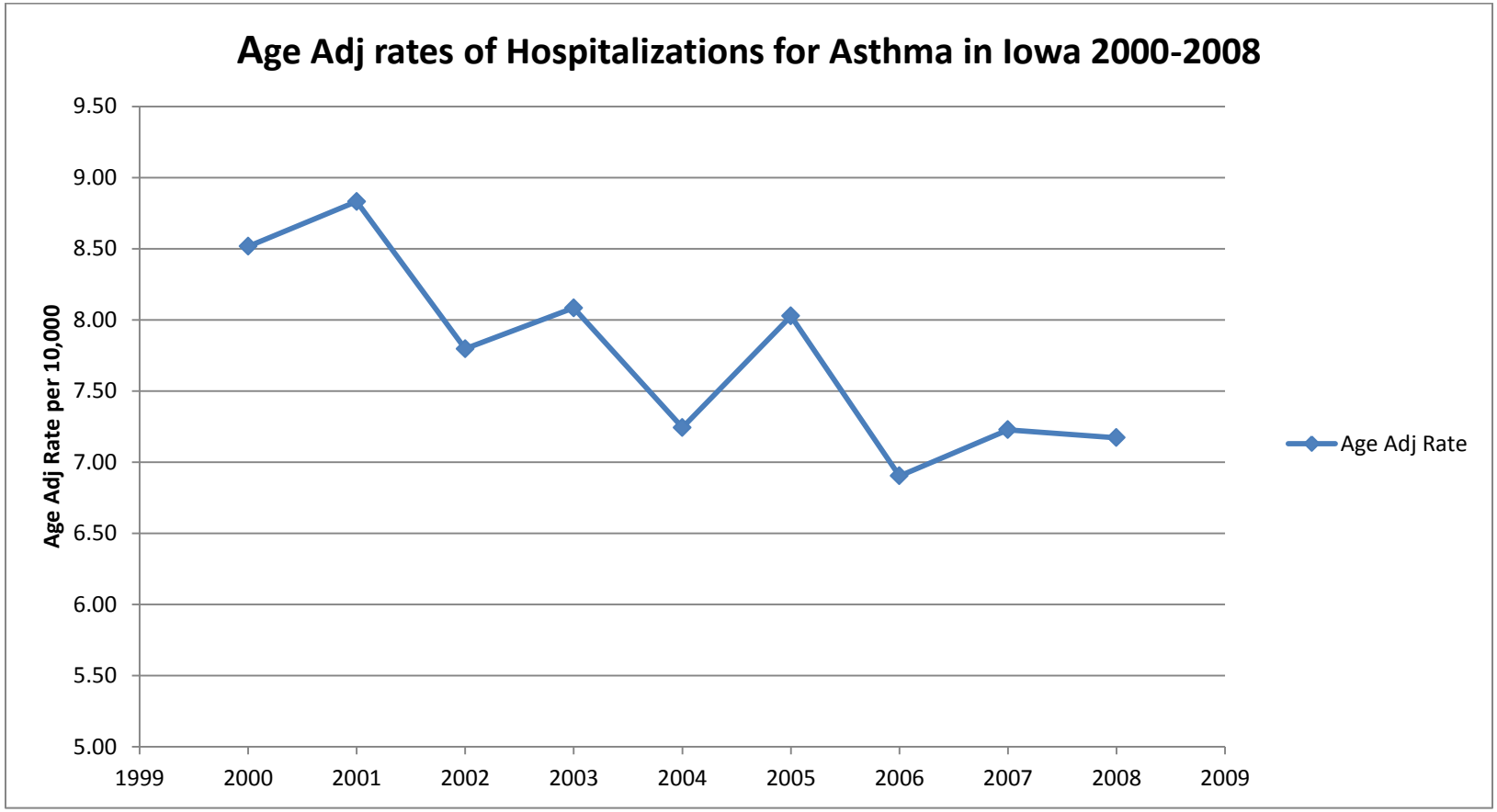
3. Annual Age adjusted rates per 10,000 population for Hospitalizations for Asthma in Iowa from 2000-2008.

Year	2000	2001	2002	2003	2004	2005	2006	2007	2008
Age Adj Rate	8.52	8.83	7.80	8.08	7.24	8.03	6.90	7.23	7.17



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