



Iowa Environmental Public Health Tracking Network

Nationally Consistent Data Measures for Carbon monoxide Poisoning

State Level Hospitalizations 2000-2009

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

CO Poisoning is caused by exposure to CO; breathing high levels of CO can cause severe illness or death in a matter of minutes. Cases of CO poisoning can be caused by intentional or accidental (unintentional) exposures, and may or not be related to fires. The NCDMs for CO poisoning exclude intentional cases of CO poisoning. The measures presented are categorized into one of three classifications:

- Unintentional, fire related
- Unintentional, non-fire related
- Unknown

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 CO Poisoning in Iowa from 2000-2009:

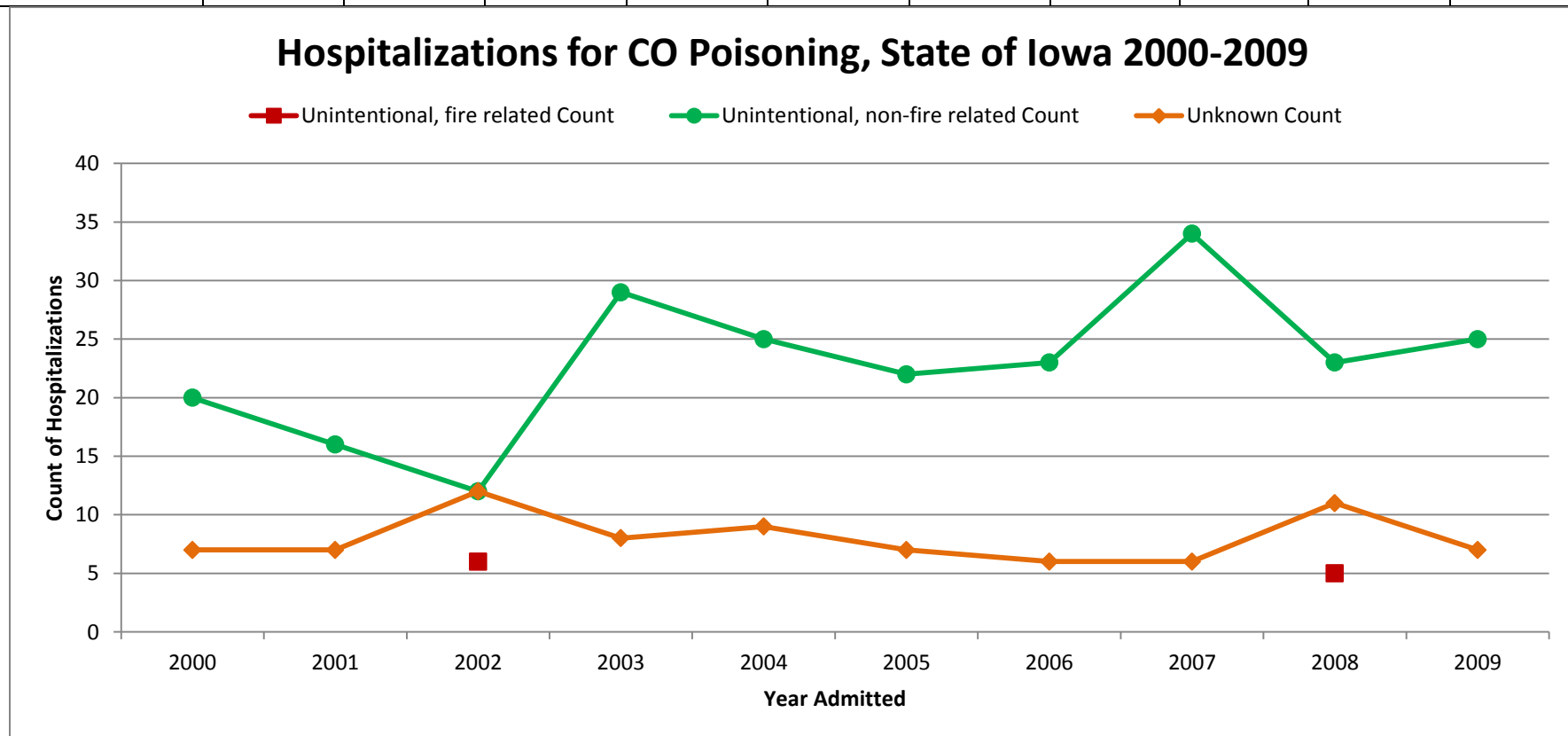
1. Annual case counts for hospitalization for CO Poisoning from 2000-2009 at the state level.
2. Annual crude rates of hospitalization for CO Poisoning per 100,000 population by age from 2000-2009 at the state level.
3. Annual age-adjusted rates of hospitalization for CO Poisoning per 100,000 population from 2000-2009 at the state level.



Iowa Environmental Public Health Tracking Network

1. Annual case counts for Hospitalizations for CO Poisoning by Cause in Iowa from 2000-2009.

Year	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Unintentional, fire related	<5	<5	6	<5	<5	<5	<5	<5	5	<5
Unintentional, non-fire related	20	16	12	29	25	22	23	34	23	25
Unknown	7	7	12	8	9	7	6	6	11	7



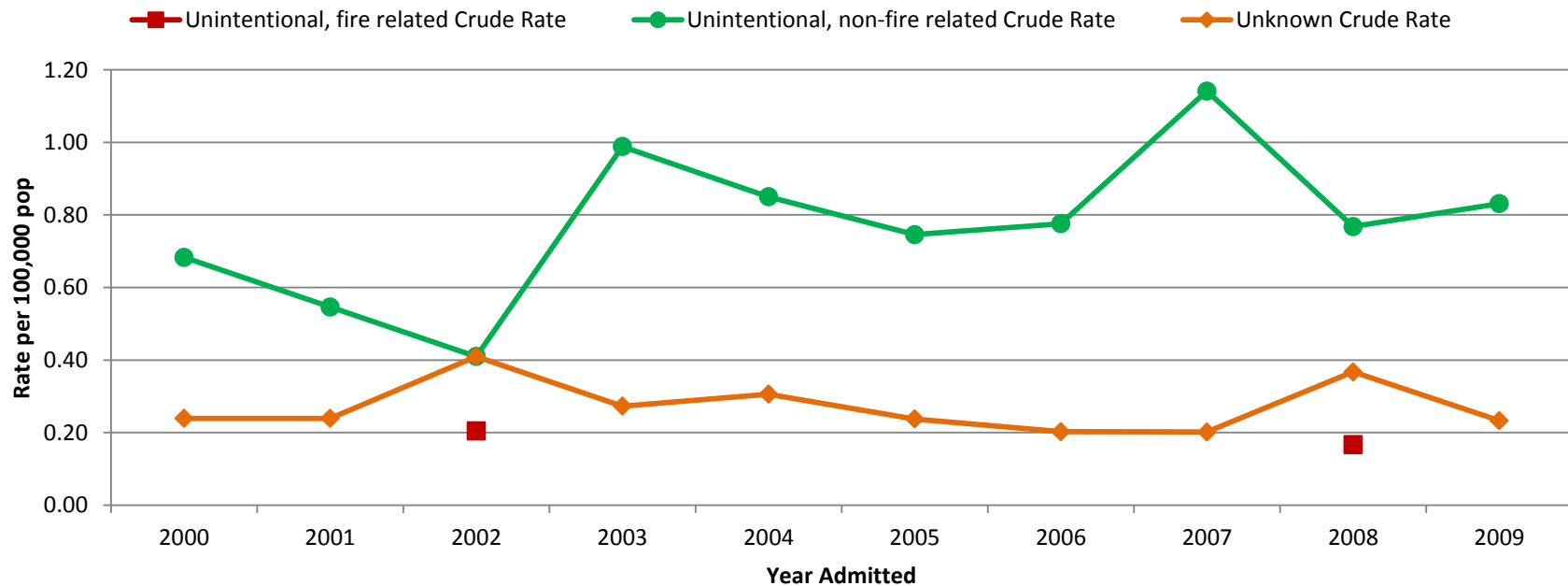


Iowa Environmental Public Health Tracking Network

2. Annual Crude rates per 100,000 population for Hospitalizations for CO Poisoning by Cause in Iowa from 2000-2009.

Year	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Unintentional, fire related	Suppressed	Suppressed	0.20	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	0.17	Suppressed
Unintentional, non-fire related	0.68	0.55	0.41	0.99	0.85	0.75	0.78	1.14	0.77	0.83
Unknown	0.24	0.24	0.41	0.27	0.31	0.24	0.20	0.20	0.37	0.23

Hospitalizations for CO Poisoning, State of Iowa 2000-2009
Crude Rate per 100,000 population





Iowa Environmental Public Health Tracking Network

3. Annual Age adjusted rates per 100,000 population for Hospitalizations for CO Poisoning by Cause in Iowa from 2000-2009.

Year	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Unintentional, fire related	Suppressed	Suppressed	0.21	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	0.15	Suppressed
Unintentional, non-fire related	0.65	0.55	0.39	0.93	0.81	0.75	0.78	1.11	0.71	0.81
Unknown	0.24	0.21	0.41	0.26	0.28	0.25	0.17	0.17	0.37	0.24

Hospitalizations for CO Poisoning, State of Iowa 2000-2009
Age Adjusted Rate per 100,000 population

