

# DANE COUNTY

The information presented here represents data specific to Dane County, Wisconsin from 2001-2006, and is meant to complement the report, *The Burden of Suicide in Wisconsin*. Please refer to this report for technical notes and suicide prevention strategies.

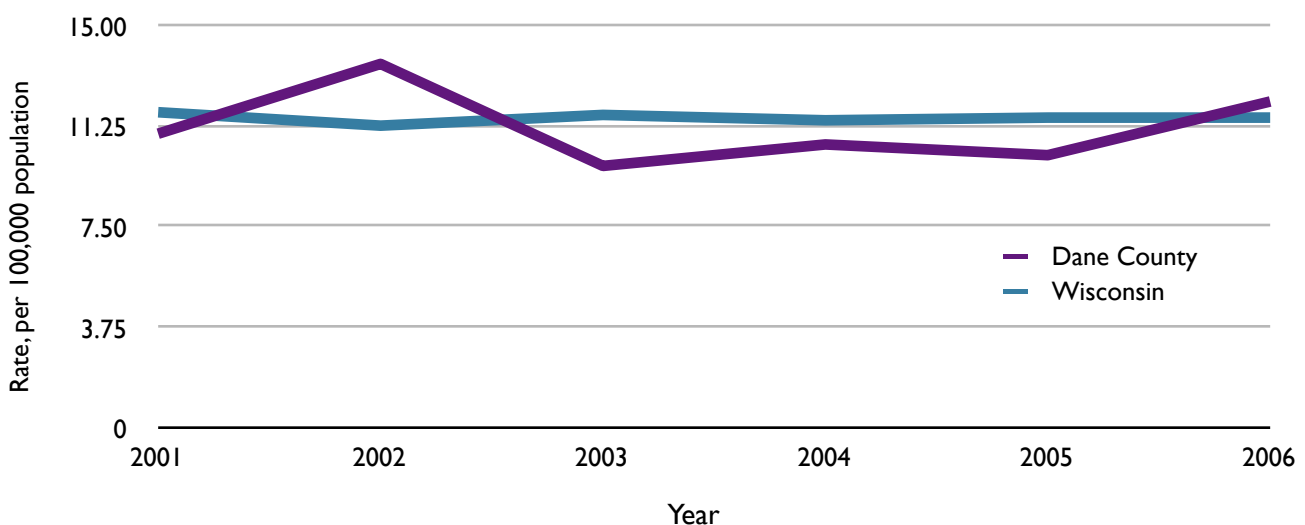
## KEY FINDINGS

- ◆ The suicide rate in Dane County peaked in 2002 and then was below the state rate for 2003-2005. The 2006 rate was slightly higher than the state rate for that year.
- ◆ Suicide represented a total of 10,312 years per life lost, at a rate of 399.8 for 2001-2006. This was slightly more than the state rate (394.1 YPLL) for the same time period.
- ◆ The greatest number of suicides occurred in individuals aged 35-54, while the greatest number of hospitalizations and emergency department visits occurred in younger individuals, aged 15-24. This finding is the same at the state level.
- ◆ The cost of inpatient hospitalizations and emergency department visits due to self-inflicted injury was over \$5.6 million in 2006 alone.
- ◆ In Dane County, males completed suicide at a ratio of 3:1 as compared to females. This ratio at the state level is 4:1.
- ◆ Firearms were the most frequently used method in Dane County suicides.

Table I. Numbers and rates (per 100,000 population) of suicides, inpatient hospitalizations, and emergency department visits due to self-inflicted injuries, Dane County, 2001-2006.

	Year											
	2001*		2002		2003		2004		2005		2006	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Deaths	48	11.0	60	13.6	44	9.8	48	10.6	47	10.2	57	12.2
Inpatient Hospitalizations	464	106.4	497	112.3	413	92.1	441	97.2	502	109.0	430	92.2
Emergency Department Visits	NA		337	76.2	333	74.3	352	77.6	375	81.4	365	78.3

Figure I. Rates of suicide (per 100,000 population), Dane County versus Wisconsin, 2001-2006.



\*Emergency department data are not available for 2001.

Table 2. Numbers and rates (per 100,000 population) of suicides, inpatient hospitalizations, and emergency department visits due to self-inflicted injuries, by age, Dane County, 2001-2006.

Age Group	Deaths		Inpatient Hospitalizations		Emergency Department Visit*	
	Number	Rate‡	Number	Rate‡	Number	Rate‡
5-14	3	0.9‡	100	30.8	137	50.8
15-24	57	11.6	817	166.8	862	210.2
25-34	50	12	576	138.8	366	102.3
35-44	69	16.4	679	161	253	72.1
45-54	65	16.2	399	99.7	121	35.9
55-64	26	10.8	116	48.2	27	13
65-74	14	11.1‡	33	26.2	4	3.8‡
75-84	14	15.5‡	18	19.9‡	3	4.0‡
85+	6	15.7‡	9	23.6‡	0	--

Table 3. Inpatient hospitalization and emergency department (ED) visit costs due to self-inflicted injuries, Dane County, 2001-2006.

	Year					
	2001*	2002	2003	2004	2005	2006
Hospitalization Charges**	\$4.3	\$3.9	\$4.3	\$4.7	\$6.0	\$5.2
Average Cost per Stay	\$8,689	\$7,927	\$10,383	\$10,558	\$11,894	\$12,269
ED Visit Charges	NA	\$314,332	\$364,123	\$462,721	\$546,687	\$498,515
Average Cost per Visit	NA	\$933	\$1,093	\$1,315	\$1,458	\$1,366

Table 4. Years of potential life lost due to common causes, Dane County, 2001-2006.

Cause	Number	Rate
Malignant Neoplasms	29,161	1,130.7
Heart Disease	16,320	632.8
Motor Vehicle Crashes	11,052	428.5
<b>Suicide</b>	<b>10,312</b>	<b>399.8</b>
Homicide	1,871	95.0
Diabetes	2,451	72.6
HIV	924	35.8

Table 5. Suicides, by method used, Dane County, 2001-2006.

Method	Number	Percent
Firearm	126	41%
Sharp Instrument	7	2%
Poisoning	70	23%
Hanging, Strangulation, Suffocation	87	29%
Fall	4	1%
Drowning	3	1%
Fire or Burns	1	<1%
Motor Vehicle	6	2%
<b>Total</b>	<b>304</b>	

\*Emergency department data are not available for 2001.

\*\*Charges listed are in millions of dollars.

‡Rates based on numbers of 20 or less are considered unstable due to random chance and should be interpreted with caution.