

BROWN COUNTY

The information presented here represents data specific to Brown 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.

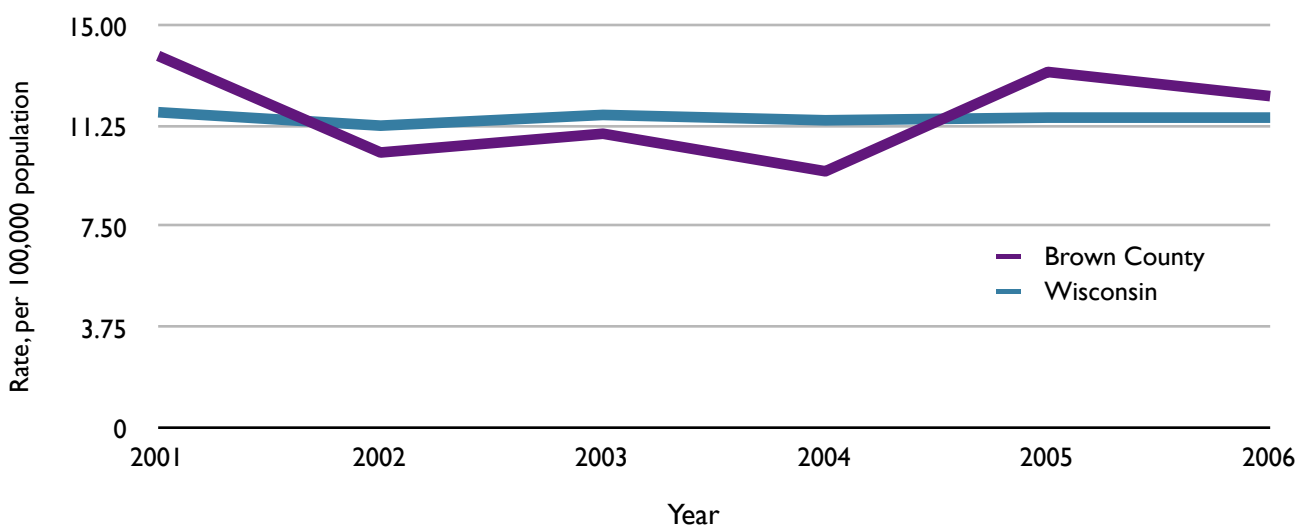
KEY FINDINGS

- ◆ The suicide rate in Brown County peaked in 2001 and then was below the state rate for 2002-2004. The 2005 and 2006 rates were slightly higher than the state rate for those years.
- ◆ Suicide represented a total of 5,631 years per life lost, at a rate of 419 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 45-54, 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 \$2.5 million in 2006 alone.
- ◆ Firearms were the most frequently used method in Brown County suicides (38%). This is slightly lower compared to the percentages of suicide where a firearm was used in the entire state (48%).

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

	Year											
	2001*		2002		2003		2004		2005		2006	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Deaths	32	13.9	24	10.3	26	11.0	23	9.6	32	13.3	30	12.4
Inpatient Hospitalizations	255	110.7	304	130.5	275	116.8	263	110.2	239	99.3	260	107.1
Emergency Department Visits	NA		204	87.6	204	86.6	247	103.5	277	115.0	247	101.8

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

Age Group	Deaths		Inpatient Hospitalizations		Emergency Department Visit*	
	Number	Rate‡	Number	Rate‡	Number	Rate‡
5-14	2	1‡	112	56.7	78	47.5
15-24	24	11.3	524	246.5	502	282.3
25-34	38	18.8	330	163.2	246	145.5
35-44	37	16.0	322	139.0	210	109.0
45-54	43	20.9	202	98.1	111	63.8
55-64	12	9.6‡	65	52.2	16	15.0‡
65-74	4	5.3‡	21	27.9	12	19.1‡
75-84	6	11.2‡	11	20.5‡	3	6.7‡
85+	1	4.3‡	9	38.9‡	0	--

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

	Year					
	2001*	2002	2003	2004	2005	2006
Hospitalization Charges**	\$1.3	\$1.8	\$2.2	\$1.8	\$2.1	\$2.2
Average Cost per Stay	\$5,023	\$5,852	\$7,924	\$6,947	\$8,890	\$8,611
ED Visit Charges	NA	\$227,070	\$266,751	\$304,457	\$383,713	\$343,041
Average Cost per Visit	NA	\$1,113	\$1,308	\$1,233	\$1,385	\$1,389

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

Cause	Number	Rate
Malignant Neoplasms	16,294	1,212.4
Heart Disease	10,701	796.2
Motor Vehicle Crashes	6,340	471.7
Suicide	5,631	419.0
Homicide	1,266	94.2
Diabetes	1,087	80.9
HIV	266	20.0

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

Method	Number	Percent
Firearm	64	38%
Sharp Instrument	4	2%
Poisoning	48	29%
Hanging, Strangulation, Suffocation	45	27%
Fall	1	0.6%
Drowning	3	2%
Fire or Burns	1	--
Motor Vehicle	6	0.6%
Total	167	

*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.