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Alcohol Use in Minnesota: Consumption Patterns

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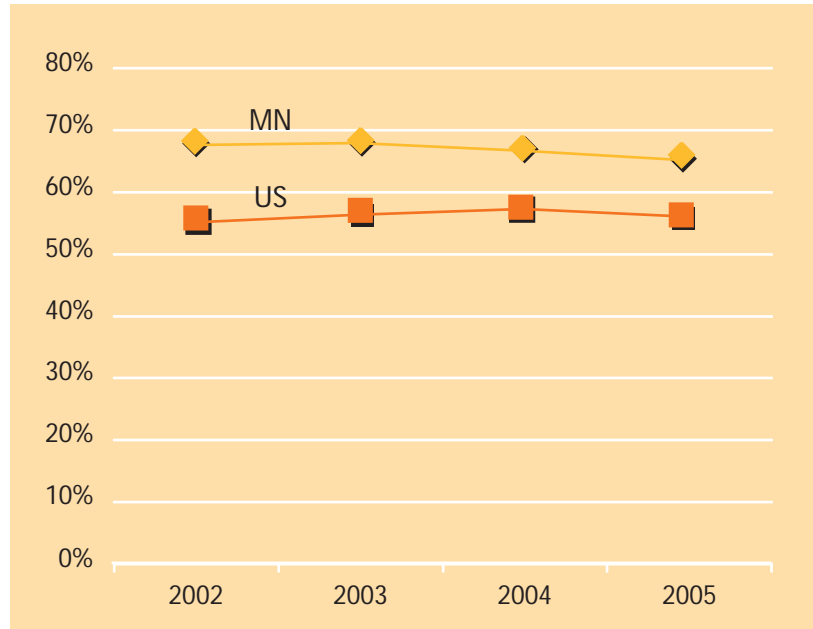
RECENT ALCOHOL USE

About the Indicator:	<p>Alcohol is the most frequently used drug nationally and statewide and is associated with a number of adverse health consequences¹.</p> <p>Reported use of alcohol in the past 30 days is a common measure of recent alcohol use.</p>
Data Source(s):	<p>Adults: Behavioral Risk Factor Surveillance System (BRFSS) Youth: Minnesota Student Survey (MSS)</p>
Key Findings in Minnesota:	<p>Adults:</p> <ul style="list-style-type: none">• Recent alcohol use in Minnesota has remained stable in recent years• Adults trends in Minnesota have consistently been higher (10-12%) than national averages <p>Youth:</p> <ul style="list-style-type: none">• Recent alcohol use has declined among students from 1998 to 2004 (down 8.4%)• Nearly half of 12th graders (48%) reported recent alcohol use in 2004



Substance: Alcohol
 Data Source: BRFSS

PERSONS 18 & OLDER REPORTING ANY USE OF ALCOHOL WITHIN THE PAST 30 DAYS



	2002	2003	2004	2005
Minnesota	67.2%	67.5%	66.3%	64.7%
US	54.7%	56.0%	56.9%	55.6%
MN:US*	1.23	1.21	1.17	1.16

* Ratio of MN relative to the US; A score above 1 means MN rates are above US rates; a score below 1 means MN rates are below US rates

MINNESOTA DATA BY GENDER, AGE AND RACE/ETHNICITY

		2002	2003	2004	2005
Gender	Male	71.8%	71.7%	72.1%	72.0%
	Female	62.9%	63.5%	60.6%	57.7%
Age	Ages 18 thru 24	70.5%	70.1%	66.4%	62.4%
	Ages 25 thru 34	72.7%	69.3%	73.9%	70.3%
	Ages 35 thru 44	70.1%	75.4%	70.9%	70.7%
	Ages 45 thru 54	69.8%	66.9%	69.6%	68.0%
	Ages 55 thru 64	64.6%	67.1%	60.7%	63.1%
	Ages 65 and over	53.2%	54.5%	50.7%	50.5%
Race	White	68.4%	69.6%	67.8%	66.5%
	Black	N/A	N/A	N/A	N/A
	Hispanic	N/A	N/A	N/A	N/A
	Other	N/A	N/A	N/A	N/A

N/A = Not available if the unweighted sample size for the denominator was < 50

Substance: Alcohol

Data Source: Minnesota Student Survey

STUDENTS REPORTING ANY USE OF ALCOHOL IN THE PAST 30 DAYS

Minnesota	1998	2001	2004
Number of students	--	32125	29334
Percent of students	33.3%	26.8%	24.9%

2004 MINNESOTA DATA BY GENDER, GRADE, RACE/ETHNICITY, REGION

		N (#)	%
Gender	Male	14190	24.8%
	Female	15144	25%
Grade	6th	2068	4.8%
	9th	12022	27.8%
	12th	15244	48%
Race/Ethnicity	White	24345	26.5%
	African-American or Black	629	15.2%
	Native American	403	24.3%
	Asian American/Pacific Islander	937	17.4%
	Hispanic/Latino	765	24.4%
	Bi-racial/Multi-racial	1448	24.7%
Region	Metro	14073	23.1%
	Non-Metro	15261	26.8%

2004 MINNESOTA DATA BY GENDER AND GRADE

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	6th	1099	5.2%	969	4.5%
	9th	5420	26.3%	6602	29.1%
	12th	7671	49.8%	7573	46.4%

2004 MINNESOTA DATA BY RACE AND GRADE

Race/Ethnicity	6TH GRADE		9TH GRADE		12TH GRADE	
	N (#)	%	N (#)	%	N (#)	%
White	1270	4.2%	9505	27.6%	13570	49.7%
African-American or Black	115	6.5%	308	19.9%	206	24.9%
Native American	89	9.6%	229	41.9%	85	45.7%
Asian American/Pacific Islander	81	4%	421	20.7%	435	32.5%
Hispanic/Latino	120	8.7%	385	33.3%	260	42.6%
Bi-racial/Multi-racial	233	8.6%	798	35.1%	417	47.4%

**RACE-SPECIFIC DATA BY GENDER AND GRADE:
WHITE STUDENTS ONLY**

Grade		MALE		FEMALE	
		N (#)	%	N (#)	%
6th		714	4.8%	556	3.6%
9th		4277	26.3%	5228	28.7%
12th		6765	51.2%	6805	48.3%

**RACE-SPECIFIC DATA BY GENDER AND GRADE:
AFRICAN-AMERICAN OR BLACK STUDENTS ONLY**

Grade		MALE		FEMALE	
		N (#)	%	N (#)	%
6th		58	6.3%	57	6.8%
9th		151	19.5%	157	20.2%
12th		129	30.3%	77	19.2%

**RACE-SPECIFIC DATA BY GENDER AND GRADE:
NATIVE AMERICAN STUDENTS ONLY**

Grade		MALE		FEMALE	
		N (#)	%	N (#)	%
6th		43	8.8%	46	10.5%
9th		96	35.4%	133	48.4%
12th		42	44.2%	43	47.3%

**RACE-SPECIFIC DATA BY GENDER AND GRADE:
ASIAN AMERICAN/PACIFIC ISLANDER STUDENTS ONLY**

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	6th	43	4.3%	38	3.8%
	9th	219	22.4%	202	19.2%
	12th	223	36.1%	212	29.4%

**RACE-SPECIFIC DATA BY GENDER AND GRADE:
HISPANIC/LATINO STUDENTS ONLY**

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	6th	52	7.8%	68	9.7%
	9th	185	31.6%	200	35%
	12th	139	47.8%	121	37.9%

**RACE-SPECIFIC DATA BY GENDER AND GRADE:
BI-RACIAL/MULTI-RACIAL STUDENTS ONLY**

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	6th	92	7.8%	141	9.2%
	9th	291	29.7%	507	39.2%
	12th	177	45.7%	240	48.7%

2004 MINNESOTA DATA BY RACE/ETHNICITY AND REGION

	METRO		NON-METRO	
Race/Ethnicity	N (#)	%	N (#)	%
White	10973	25%	13372	27.8%
African-American or Black	527	14.6%	102	19.5%
Native American	104	18.8%	299	27.1%
Asian American/Pacific Islander	743	16.4%	194	22.8%
Hispanic/Latino	453	24.7%	312	23.9%
Bi-racial/Multi-racial	877	24.8%	571	24.5%

PERSONS REPORTING BINGE DRINKING

About the Indicator: Acute, short-term “binge drinking” is defined as having five or more drinks of alcohol on a single occasionⁱⁱ. Binge drinking has been associated with alcohol related injuries and deaths, as well as violence and crime.

Data Source(s): Adults: Behavioral Risk Factor Surveillance System (BRFSS)
Youth: Minnesota Student Survey (MSS)

NOTE: Adult measure captures binge drinking in the past 30 days; Youth measure captures binge drinking in the past 14 days.

Key Findings in Minnesota: Adults:

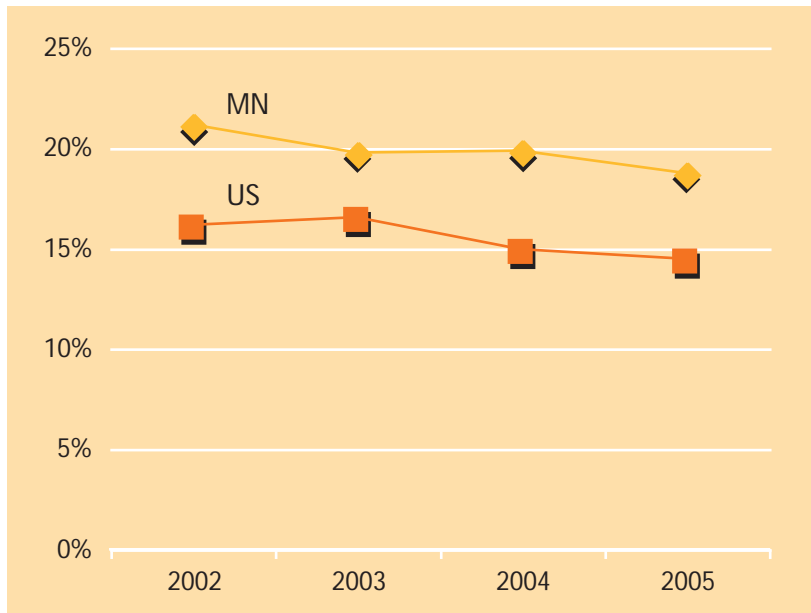
- Binge drinking in Minnesota has remained stable in recent years
- Binge drinking is highest among adults 18–24 and among males

Youth:

- Binge drinking is more prevalent among 12th grade students compared to 9th grade students and is higher among males compared to females within the 12th grade

Substance: Alcohol
 Data Source: BRFSS

PERSONS 18 & OLDER REPORTING HAVING 5 OR MORE DRINKS IN A ROW ON AT LEAST ONE OCCASION WITHIN THE PAST 30 DAYS



	2002	2003	2004	2005
Minnesota	21.1%	19.7%	19.8%	18.7%
US	16.1%	16.5%	14.9%	14.4%
US: MN*	1.31	1.19	1.33	1.3

*Ratio of MN relative to the US; A score above 1 means MN rates are above US rates; a score below 1 means MN rates are below US rates.

MINNESOTA DATA BY GENDER, AGE AND RACE/ETHNICITY

		2002	2003	2004	2005
Gender	Male	31.4%	28.5%	28.5%	28.6%
	Female	11.4%	11.4%	11.5%	9.3%
Age	Ages 18 thru 24	41.1%	44.5%	37.2%	31.6%
	Ages 25 thru 34	30.4%	27.8%	29.5%	30.9%
	Ages 35 thru 44	22.9%	20.6%	22.1%	21.1%
	Ages 45 thru 54	17.1%	17.3%	16.0%	16.0%
	Ages 55 thru 64	10.9%	7.5%	11.2%	9.2%
	Ages 65 and over	4.3%	2.7%	2.8%	3.0%
	Race	White	21.6%	20.4%	20.0%
	Black	N/A	N/A	N/A	N/A
	Hispanic	N/A	N/A	N/A	N/A
	Other	N/A	N/A	N/A	N/A

N/A = Not available if the unweighted sample size for the denominator was < 50

Substance: Alcohol

Data Source: Minnesota Student Survey

**STUDENTS REPORTING HAVING 5 OR MORE DRINKS IN A ROW
ON AT LEAST ONE OCCASION WITHIN THE PAST 2 WEEKS¹**

Minnesota	1998	2001	2004
Number of students	--	18114	17178
Percent of students	26.3%	23.3%	22.3%

2004 MINNESOTA DATA BY GENDER, GRADE, RACE/ETHNICITY

		N (#)	%
Gender	Male	9241	25%
	Female	7937	19.8%
Grade	9th	6871	15.4%
	12th	10307	31.6%
Race/Ethnicity	White	14358	22.7%
	African-American or Black	321	12.7%
	Native American	271	35.2%
	Asian American/Pacific Islander	558	16.1%
	Hispanic/Latino	477	25.8%
	Bi-racial/Multi-racial	741	22.9%
Region	Metro	8022	20.5%
	Non-Metro	9156	24.1%

2004 MINNESOTA DATA BY GENDER AND GRADE

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	9th	3383	15.9%	3488	15%
	12th	5858	37%	4449	26.4%

2004 MINNESOTA DATA BY RACE AND GRADE

Race/Ethnicity	9TH GRADE		12TH GRADE	
	N (#)	%	N (#)	%
White	5193	14.7%	9165	32.7%
African-American or Black	192	11.6%	129	14.6%
Native American	196	34.1%	75	38.5%
Asian American/Pacific Islander	285	13.6%	273	19.8%
Hispanic/Latino	275	22.7%	202	31.5%
Bi-racial/Multi-racial	489	21%	252	27.8%

¹This question was asked of 9th and 12th grade students only

**RACE-SPECIFIC DATA BY GENDER AND GRADE:
WHITE STUDENTS ONLY**

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	9th	2545	15.3%	2648	14.3%
	12th	5169	38.2%	3996	27.6%

**RACE-SPECIFIC DATA BY GENDER AND GRADE:
AFRICAN-AMERICAN OR BLACK STUDENTS ONLY**

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	9th	114	13.8%	78	9.5%
	12th	89	19.5%	40	9.4%

**RACE-SPECIFIC DATA BY GENDER AND GRADE:
NATIVE AMERICAN STUDENTS ONLY**

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	9th	88	31.1%	108	37.1%
	12th	38	37.6%	37	39.4%

**RACE-SPECIFIC DATA BY GENDER AND GRADE:
ASIAN AMERICAN/PACIFIC ISLANDER STUDENTS ONLY**

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	9th	164	16.3%	121	11.2%
	12th	162	25.6%	111	14.9%

**RACE-SPECIFIC DATA BY GENDER AND GRADE:
HISPANIC/LATINO STUDENTS ONLY**

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	9th	149	24.1%	126	21.3%
	12th	119	39%	83	24.7%

**RACE-SPECIFIC DATA BY GENDER AND GRADE:
BI-RACIAL/MULTI-RACIAL STUDENTS ONLY**

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	9th	181	18.3%	308	23.1%
	12th	119	29.8%	133	26.2%

2004 MINNESOTA DATA BY RACE/ETHNICITY AND REGION

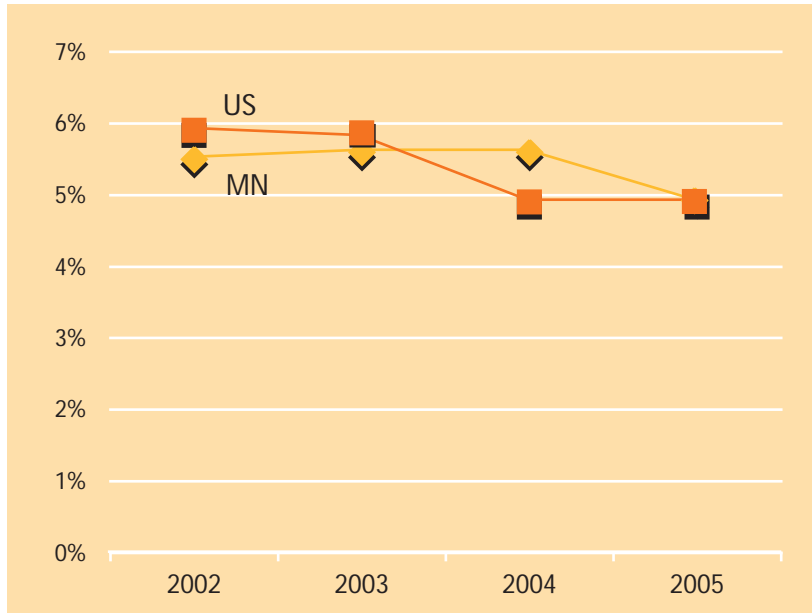
	METRO		NON-METRO	
Race/Ethnicity	N (#)	%	N (#)	%
White	6303	21.3%	8055	23.9%
African-American or Black	259	11.6%	62	20.3%
Native American	69	29.1%	202	38%
Asian American/Pacific Islander	443	15.3%	115	19.9%
Hispanic/Latino	274	24.8%	203	27.2%
Bi-racial/Multi-racial	443	22.4%	298	23.8%

PERSONS REPORTING HEAVY ALCOHOL USE

- About the Indicator:** Daily alcohol use can pose an increased health risk depending on a combination of factors including quantity consumed and family medical historyⁱⁱⁱ. Heavy use of alcohol is defined as average daily alcohol consumption greater than 2 drinks for males and 1 drink for females^{iv}.
- Data Source(s):** Behavioral Risk Factor Surveillance System (BRFSS)
- Key Findings in Minnesota:** Heavy drinking in Minnesota has decreased in recent years and is currently equivalent to the national rate of heavy drinking

Substance: Alcohol
Data Source: BRFSS

**ADULTS 18 & OVER REPORTING AVERAGE DAILY ALCOHOL CONSUMPTION
 GREATER THAN 2 DRINKS (MALE) OR GREATER THAN 1 DRINK (FEMALE) PER DAY**



	2002	2003	2004	2005
Minnesota	5.5%	5.6%	5.6%	4.9%
US	5.9%	5.8%	4.9%	4.9%
US: MN*	.93	.96	1.14	1

* Ratio of MN relative to the US; A score above 1 means MN rates are above US rates; a score below 1 means MN rates are below US rates

MINNESOTA DATA BY GENDER, AGE AND RACE/ETHNICITY

		2002	2003	2004	2005
Gender	Male	6.8%	5.9%	6.3%	5.1%
	Female	4.3%	5.3%	4.9%	4.8%
Age	Ages 18 thru 24	10.8%	10.8%	12.4%	8.9%
	Ages 25 thru 34	4.9%	3.6%	5.3%	3.8%
	Ages 35 thru 44	5.1%	5.3%	4.8%	3.6%
	Ages 45 thru 54	6.6%	6.9%	4.4%	5.6%
	Ages 55 thru 64	4.2%	4.9%	5.3%	6.3%
	Ages 65 and over	2.3%	2.9%	2.9%	2.7%
Race/Ethnicity	White	5.7%	5.8%	5.6%	5.0%
	Black	N/A	N/A	N/A	N/A
	Hispanic	N/A	N/A	N/A	N/A
	Other	N/A	N/A	N/A	N/A

N/A = Not available if the unweighted sample size for the denominator was < 50

PERSONS REPORTING IMPAIRED DRIVING

About the Indicator: As a depressant, alcohol use interferes with coordination, judgment and reaction time. The following data sources contain reported behavior of impaired driving or riding with an impaired driver. Penalties related to impaired driving are included in the upcoming section.

Data Source(s): Adults: Behavioral Risk Factor Surveillance System (BRFSS)
Youth: Minnesota Student Survey (MSS)

NOTE: Adult measure captures impaired driving in the past 30 days; Youth measure captures impaired driving in the past 12 months.

Key Findings in Minnesota:

Adults:

- Self-reported drunk driving reduced by almost half from 1999 to 2002

Youth:

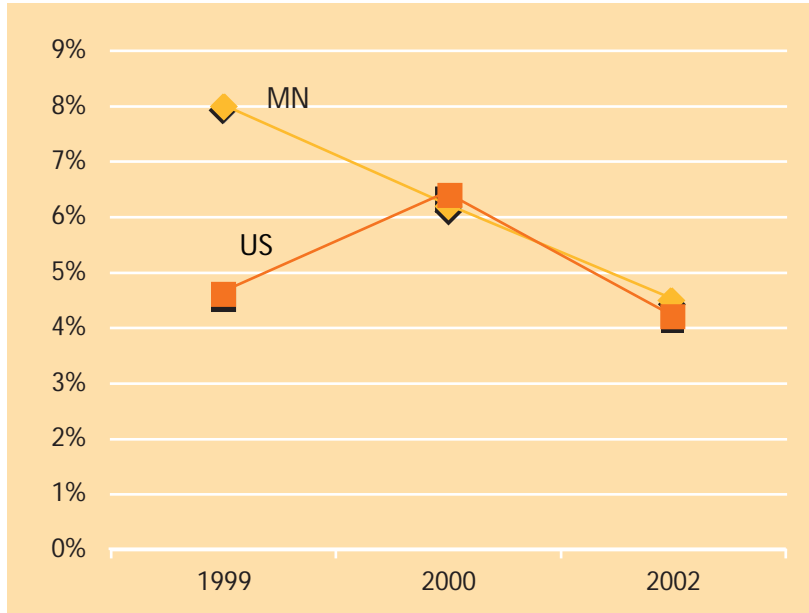
- Almost 30% of 12th graders reported impaired driving in 2004
- Double the number of students reported riding with impaired drivers versus driving impaired themselves in 2004



Substance: Alcohol

Data Source: BRFSS

**PERSONS 18 & OLDER REPORTING DRIVING AFTER HAVING HAD
"PERHAPS TOO MUCH TO DRINK" IN THE PAST 30 DAYS**



	1999	2000	2002
Minnesota	8.0%	6.2%	4.5%
US	4.6%	6.4%	4.2%
MN:US*	1.7	0.97	1.07

* Ratio of MN relative to the US; A score above 1 means MN rates are above US rates; a score below 1 means MN rates are below US rates

MINNESOTA DATA BY GENDER, AGE AND RACE/ETHNICITY

		1999	2000	2002
Gender	Male	11.9%	7.8%	7.4%
	Female	3.6%	4.5%	1.3%
Age	Ages 18 thru 20	11.4%	18.5%	7.9%
	Ages 21 thru 29	12.9%	7.4%	5.1%
	Ages 30 thru 34	10.1%	7.7%	4.7%
	Ages 35 thru 54	6.3%	6.6%	5.3%
	Ages 55 thru 64	7.9%	2.6%	3.4%
	Ages 65 and over	3.7%	0.7%	0.4%
Race/Ethnicity	White	7.7%	6.2%	4.6%
	Black	N/A	N/A	N/A
	Hispanic	N/A	N/A	N/A
	Other	N/A	N/A	N/A

N/A = Not available if the unweighted sample size for the denominator was < 50

Substance: Alcohol

Data Source: Minnesota Student Survey

STUDENTS REPORTING DRIVING A MOTOR VEHICLE ONE OR MORE TIMES AFTER USING ALCOHOL OR DRUGS, WITHIN THE PAST 12 MONTHS¹

Minnesota	1998	2001	2004
Number of students	--	12611	11450
Percent of students	20.8%	18.1%	16.6%

2004 MINNESOTA DATA BY GENDER, GRADE, RACE/ETHNICITY, REGION

		N (#)	%
Gender	Male	6233	18.8%
	Female	5217	14.6%
Grade	9th	2532	6.5%
	12th	8918	29.7%
Race/Ethnicity	White	9819	17.3%
	African-American or Black	215	9.7%
	Native American	180	26%
	Asian American/Pacific Islander	306	9.9%
	Hispanic/Latino	239	14.9%
	Bi-racial/Multi-racial	438	15.3%
Region	Metro	4978	14.3%
	Non-metro	6472	19%

2004 MINNESOTA DATA BY GENDER AND GRADE

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	9th	1472	7.9%	1060	5.2%
	12th	4761	32.7%	4157	26.9%

2004 MINNESOTA DATA BY RACE AND GRADE

Race/Ethnicity	9TH GRADE		12TH GRADE	
	N (#)	%	N (#)	%
White	1828	5.9%	7991	30.9%
African-American or Black	119	8.3%	96	12.2%
Native American	108	21.3%	72	39.2%
Asian American/Pacific Islander	79	4.3%	227	18.3%
Hispanic/Latino	100	9.8%	139	24%
Bi-racial/Multi-racial	198	9.9%	240	28.2%

¹This question was asked of 9th and 12th grade students only

**RACE-SPECIFIC DATA BY GENDER AND GRADE:
WHITE STUDENTS ONLY**

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	9th	1046	7.1%	782	4.8%
	12th	4233	33.9%	3758	28.1%

**RACE-SPECIFIC DATA BY GENDER AND GRADE:
AFRICAN-AMERICAN OR BLACK STUDENTS ONLY**

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	9th	83	11.5%	36	5.1%
	12th	64	15.9%	32	8.4%

**RACE-SPECIFIC DATA BY GENDER AND GRADE:
NATIVE AMERICAN STUDENTS ONLY**

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	9th	58	22.9%	50	19.6%
	12th	40	42.6%	32	36%

**RACE-SPECIFIC DATA BY GENDER AND GRADE:
ASIAN AMERICAN/PACIFIC ISLANDER STUDENTS ONLY**

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	9th	59	6.7%	*	2.1%
	12th	127	22.6%	100	14.7%

**RACE-SPECIFIC DATA BY GENDER AND GRADE:
HISPANIC/LATINO STUDENTS ONLY**

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	9th	65	12.3%	35	7.1%
	12th	84	30.1%	55	18.3%

**RACE-SPECIFIC DATA BY GENDER AND GRADE:
BI-RACIAL/MULTI-RACIAL STUDENTS ONLY**

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	9th	92	10.8%	106	9.2%
	12th	98	26.85	142	29.3%

2004 MINNESOTA DATA BY RACE/ETHNICITY AND REGION

		METRO		NON-METRO	
Race/Ethnicity		N (#)	%	N (#)	%
	White	4016	15.1%	5803	19.2%
	African-American or Black	179	9.2%	36	13%
	Native American	41	19.5%	139	28.9%
	Asian American/Pacific Islander	227	8.8%	79	15.2%
	Hispanic/Latino	138	14.55	101	15.5%
	Bi-racial/Multi-racial	251	14.4%	187	16.8%

Substance: Alcohol

Data Source: Minnesota Student Survey

**STUDENTS REPORTING RIDING WITH FRIENDS AFTER USING
ALCOHOL OR DRUGS, WITHIN THE PAST 12 MONTHS¹**

Minnesota	1998	2001	2004
Number of students	--	26388	24382
Percent of students	36.8%	32.8%	30.7%

2004 MINNESOTA DATA BY GENDER, GRADE, RACE/ETHNICITY, REGION

		N (#)	%
Gender	Male	11985	31.2%
	Female	12397	30.1%
Grade	9th	10774	23.2%
	12th	13608	41%
Race/Ethnicity	White	19860	30.6%
	African-American or Black	629	22.7%
	Native American	393	48.2%
	Asian American/Pacific Islander	989	27.1%
	Hispanic/Latino	695	35.9%
	Bi-racial/Multi-racial	1171	34.7%
Region	Metro	11178	27.6%
	Non-Metro	13204	33.8%

2004 MINNESOTA DATA BY GENDER AND GRADE

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	9th	4929	22.1%	5845	24.2%
	12th	7056	43.8%	6552	38.5%

2004 MINNESOTA DATA BY RACE AND GRADE

Race/Ethnicity	9TH GRADE		12TH GRADE	
	N (#)	%	N (#)	%
White	8068	22.2%	11792	41.6%
African-American or Black	388	21.1%	241	25.9%
Native American	278	45.2%	115	57.2%
Asian American/Pacific Islander	501	22.5%	488	34.2%
Hispanic/Latino	408	32.2%	287	42.8%
Bi-racial/Multi-racial	757	30.8%	414	44.9%

¹This question was asked of 9th and 12th grade students only

**RACE-SPECIFIC DATA BY GENDER AND GRADE:
WHITE STUDENTS ONLY**

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	9th	3585	20.6%	4483	23.4%
	12th	6050	44.1%	5742	39.3%

**RACE-SPECIFIC DATA BY GENDER AND GRADE:
AFRICAN-AMERICAN OR BLACK STUDENTS ONLY**

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	9th	231	25.2%	157	17%
	12th	154	32.2%	87	19.2%

**RACE-SPECIFIC DATA BY GENDER AND GRADE:
NATIVE AMERICAN STUDENTS ONLY**

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	9th	129	41.3%	149	45.2%
	12th	60	56.6%	55	57.9%

**RACE-SPECIFIC DATA BY GENDER AND GRADE:
ASIAN AMERICAN/PACIFIC ISLANDER STUDENTS ONLY**

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	9th	283	26.4%	218	18.9%
	12th	259	39.1%	229	30%

**RACE-SPECIFIC DATA BY GENDER AND GRADE:
HISPANIC/LATINO STUDENTS ONLY**

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	9th	208	31.3%	*	33.2%
	12th	159	49.2%	128	36.8%

* = not available if cell count is less than 30

**RACE-SPECIFIC DATA BY GENDER AND GRADE:
BI-RACIAL/MULTI-RACIAL STUDENTS ONLY**

		MALE		FEMALE	
		N (#)	%	N (#)	%
Grade	9th	268	25.4%	489	35%
	12th	180	44.3%	234	45.3%

2004 MINNESOTA DATA BY RACE/ETHNICITY AND REGION

		METRO		NON-METRO	
Race/Ethnicity		N (#)	%	N (#)	%
	White	8341	27.5%	11519	33.3%
	African-American or Black	529	21.7%	100	30.5%
	Native American	92	35.4%	301	54.1%
	Asian American/Pacific Islander	803	26.2%	186	31.5%
	Hispanic/Latino	391	33.8%	304	38.9%
	Bi-racial/Multi-racial	704	33.9%	467	35.9%

3

Alcohol Use in Minnesota: Consequences

3 Alcohol Use in Minnesota: Consequences

ALCOHOL ATTRIBUTABLE DEATHS

About the Indicator:

The Centers for Disease Control and Prevention (CDC) calculates Alcohol-Related Disease Impact (ARDI) estimates of alcohol-related deaths due to alcohol consumption. To do this, ARDI either calculates or uses pre-determined estimates of Alcohol-Attributable Fractions (AAFs)—the proportion of deaths from various causes that are due to alcohol. These AAFs are then multiplied by the number of deaths caused by a specific condition (e.g., liver cancer) to obtain the number of alcohol-attributable deaths.

Data Source(s):

Alcohol-Related Disease Impact (ARDI)

Key Findings in Minnesota:

- In 2001, the alcohol-related mortality rate was 22.53 in Minnesota (per 100,000 population)
- In 2001, the alcohol-related mortality rate was 26.60 in the United States (per 100,000 population)



Substance: Alcohol

Data Source: Alcohol-Attributable Disease Impact (ARDI)

**ALCOHOL ATTRIBUTABLE DEATHS, 2001
MEDIUM & HIGH AVERAGE DAILY ALCOHOL CONSUMPTION, ALL AGES**

	Minnesota			United States		
Alcohol-related Mortality Rate per 100,000 Population	22.53			26.60		
	Male	Female	Total	Male	Female	Total
Harmful Effects						
Total for All Causes	783	340	1123	54847	20918	75766
Chronic Causes						
Acute pancreatitis	5	3	9	370	364	734
Alcohol abuse	22	15	37	1804	517	2321
Alcohol cardiomyopathy	2	0	2	443	56	499
Alcohol dependence syndrome	67	12	79	2770	750	3520
Alcohol polyneuropathy	0	0	0	3	0	3
Alcohol-induced chronic pancreatitis	0	1	1	224	71	295
Alcoholic gastritis	0	1	1	6	2	8
Alcoholic liver disease	126	48	174	8927	3274	12201
Alcoholic myopathy	0	0	0	2	0	2
Alcoholic psychosis	16	4	20	564	178	742
Breast cancer (females only)	0	6	6	0	352	352
Cholelithiasis	0	0	0	0	0	0
Chronic hepatitis	<1	<1	<1	3	3	6
Chronic pancreatitis	1	3	3	126	106	232
Degeneration of nervous system due to alcohol	1	0	1	93	21	114
Epilepsy	1	<1	2	96	81	178
Esophageal cancer	7	1	8	394	53	446
Esophageal varices	1	<1	1	50	21	71
Fetal alcohol syndrome	0	0	0	3	2	5
Fetus and newborn affected by maternal use of alcohol	0	0	0	0	1	1
Gastroesophageal hemorrhage	0	0	0	19	9	28
Hypertension	10	9	19	632	552	1184
Ischemic heart disease	9	3	12	635	273	908
Laryngeal cancer	4	1	4	203	30	232
Liver cancer	9	3	11	518	172	690
Liver cirrhosis unspecified	41	36	77	3917	2802	6719
Low birth weight prematurity IUGR death	1	<1	2	96	50	146

	Male	Female	Total	Male	Female	Total
Oropharyngeal cancer	5	1	6	303	57	360
Portal hypertension	<1	0	<1	23	14	37
Prostate cancer (males only)	5	0	5	233	0	233
Psoriasis	0	0	0	<1	<1	<1
Spontaneous abortion (females only)	0	0	0	0	0	0
Stroke hemorrhagic	26	4	30	1399	290	1690
Stroke ischemic	12	3	15	520	191	711
Supraventricular cardiac dysrhythmia	2	2	5	73	92	166
Subtotal	373	158	532	24448	10385	34833
Acute Causes						
Air-space transport	2	<1	2	122	37	159
Alcohol poisoning	4	1	5	253	78	331
Aspiration	1	1	2	97	99	196
Child maltreatment	1	1	2	100	71	171
Drowning	11	2	13	671	141	812
Excessive blood alcohol level	0	0	0	1	1	2
Fall injuries	72	84	156	2560	2206	4766
Fire injuries	7	5	12	702	465	1167
Firearm injuries	1	0	1	113	18	131
Homicide	36	18	54	5963	1692	7655
Hypothermia	4	3	7	164	83	247
Motor-vehicle nontra c crashes	6	<1	6	171	33	204
Motor-vehicle tra c crashes	141	40	181	10674	3000	13674
Occupational and machine injuries	3	<1	3	121	6	127
Other road vehicle crashes	3	<1	3	178	53	231
Poisoning (not alcohol)	30	7	37	2782	1182	3964
Suicide	89	19	108	5617	1352	6969
Suicide by and exposure to alcohol	0	0	0	21	5	26
Water transport	1	0	1	90	10	100
Subtotal	410	182	592	30399	10534	40933
Beneficial Effects³						
Total for All Causes	<-1	<-1	<-1	-7	-4	-12
Chronic Causes						
Cholelithiasis	<-1	<-1	<-1	-7	-4	-12
Subtotal	<-1	<-1	<-1	-7	-4	-12
Acute Causes						
Subtotal	0	0	0	0	0	0

³Negative numbers indicate lives saved

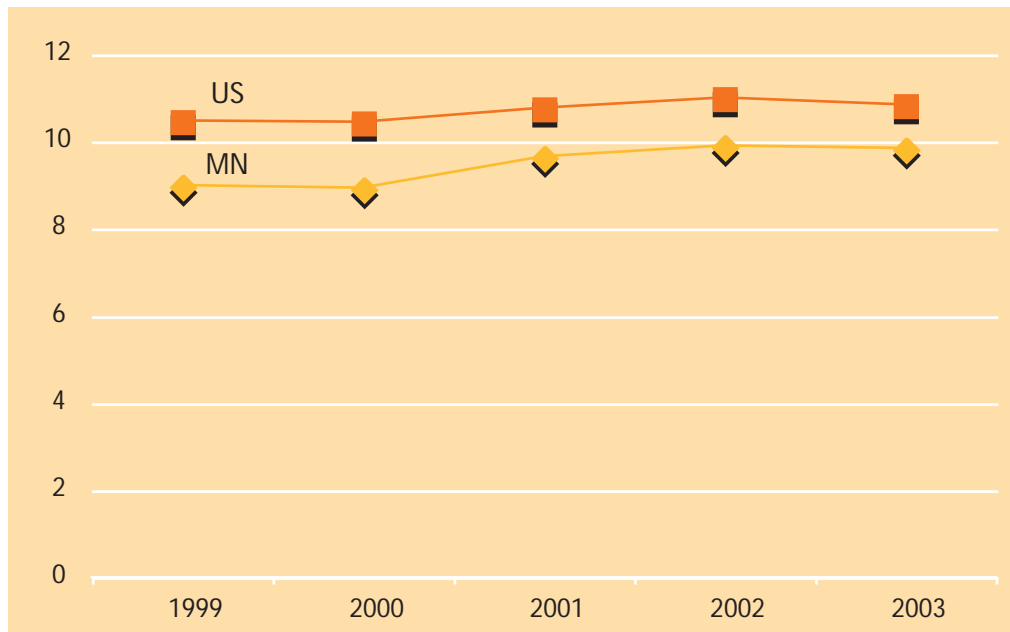
SUICIDE DEATHS

About the Indicator:	<p>Suicide is closely associated with alcohol and drug abuse. The International Classification of Diseases (ICD-10) measures all suicides, many of which are attributable to substance abuse^{vi}.</p> <p>The Centers for Disease Control and Prevention (CDC) provides a measure of Alcohol-Attributable Fractions (AAFs). AAFs are based on direct observations about the relationship between alcohol and a given health outcome. The AAF for suicide for both males and females is 23%.</p> <p>In order to provide comprehensive data on suicides, both measures are presented.</p>
Data Source(s):	National Vital Statistics System (NVSS)
Key Findings in Minnesota:	<ul style="list-style-type: none">The overall suicide rate has remained lower than the national average since 1999Suicide is far more prevalent among males; males are more than four times as likely as females to commit suicide

Substance: Alcohol

Data Source: National Vital Statistics System

DEATHS FROM SUICIDE PER 100,000 POPULATION



Minnesota	1999	2000	2001	2002	2003
Deaths from Suicide	437	440	480	497	497
Rate per 100,000 population	8.97	8.92	9.63	9.89	9.82

United States	1999	2000	2001	2002	2003
Deaths from Suicide	29199	29350	30618	31655	31484
Rate per 100,000 population	10.46	10.43	10.75	10.98	10.83

	1999	2000	2001	2002	2003
MN:US**	.86	.86	.90	.90	.91

**Ratio of MN relative to US; A score above 1 means MN rates are above US rates; a score below 1 means MN rates are below US rates

MINNESOTA DATA ON ALL SUICIDES BY GENDER, AGE, RACE/ETHNICITY

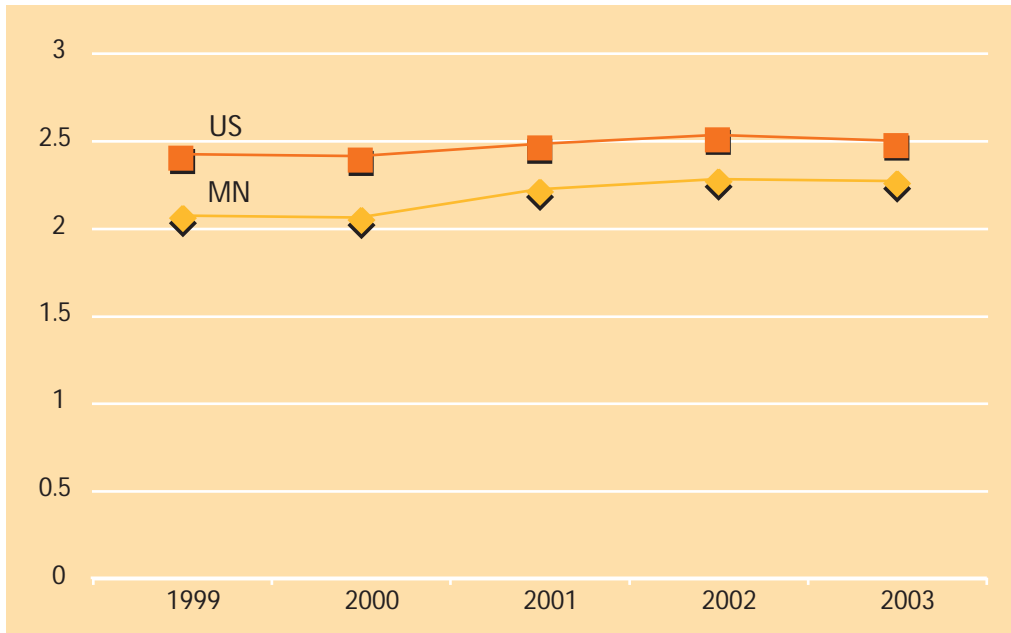
	1999		2000		2001		2002		2003	
	N (#)	%	N (#)	%	N (#)	%	N (#)	%	N (#)	%
Male	365	83.5%	368	83.6%	394	82.1%	408	82.1%	405	81.5%
Female	72	16.5%	72	16.4%	86	17.9%	89	17.9%	92	18.5%
Under 10 years	*	*	*	*	*	*	*	*	*	*
10-14 years	4	0.9%	5	1.1%	9	1.9%	4	0.8%	7	1.4%
15-19	35	8.0%	30	6.8%	37	7.7%	35	7.0%	38	7.6%
20-24	43	9.8%	41	9.3%	41	8.5%	53	10.7%	50	10.1%
25-34	68	15.6%	81	18.4%	77	16.0%	81	16.3%	83	16.7%
35-44	112	25.6%	108	24.5%	103	21.5%	99	19.9%	119	23.9%
45-54	75	17.2%	82	18.6%	101	21.0%	103	20.7%	88	17.7%
55-64	37	8.5%	36	8.2%	44	9.2%	49	9.9%	51	10.3%
65-74	22	5.0%	20	4.5%	34	7.1%	28	5.6%	22	4.4%
75-84	37	8.5%	25	5.7%	27	5.6%	33	6.6%	31	6.2%
85+	4	0.9%	12	2.7%	7	1.5%	12	2.4%	8	1.6%
White	418	95.7%	405	92.0%	441	91.9%	462	93.0%	464	93.4%
Black or African-American	9	2.1%	8	1.8%	12	2.5%	17	3.4%	13	2.6%
Other Race	10	2.3%	27	6.1%	27	5.6%	18	3.6%	20	4.0%

* = Not available if fewer than 2 cases occurred per year

Substance: Alcohol

Data Source: National Vital Statistics System and Alcohol Related Disease Impact

DEATHS FROM ALCOHOL RELATED* SUICIDE PER 100,000 POPULATION



Minnesota	1999	2000	2001	2002	2003
Deaths from Alcohol-related* Suicide	101	101	110	114	114
Rate per 100,000 population	2.06	2.05	2.21	2.27	2.26
United States	1999	2000	2001	2002	2003
Deaths from Alcohol-related* Suicide	6716	6751	7042	7281	7241
Rate per 100,000 population	2.41	2.40	2.47	2.52	2.49
	1999	2000	2001	2002	2003
MN:US**	.86	.86	.90	.90	.91

*Alcohol-related suicide data are calculated using the AAF for suicide, 23%

**Ratio of MN relative to US; A score above 1 means MN rates are above US rates; a score below 1 means MN rates are below US rates

FATAL ALCOHOL-RELATED MOTOR VEHICLE CRASHES

About the Indicator: As a depressant, alcohol use interferes with coordination, judgment and reaction time and can have fatal consequences. Driving while impaired behavior puts the driver and others at risk.

The following measures report the number of fatal alcohol related crashes and number of deaths in which at least one driver, pedestrian, or cyclist has been drinking.

Data Source(s): Fatality Analysis Reporting System (FARS)

Key Findings in Minnesota:

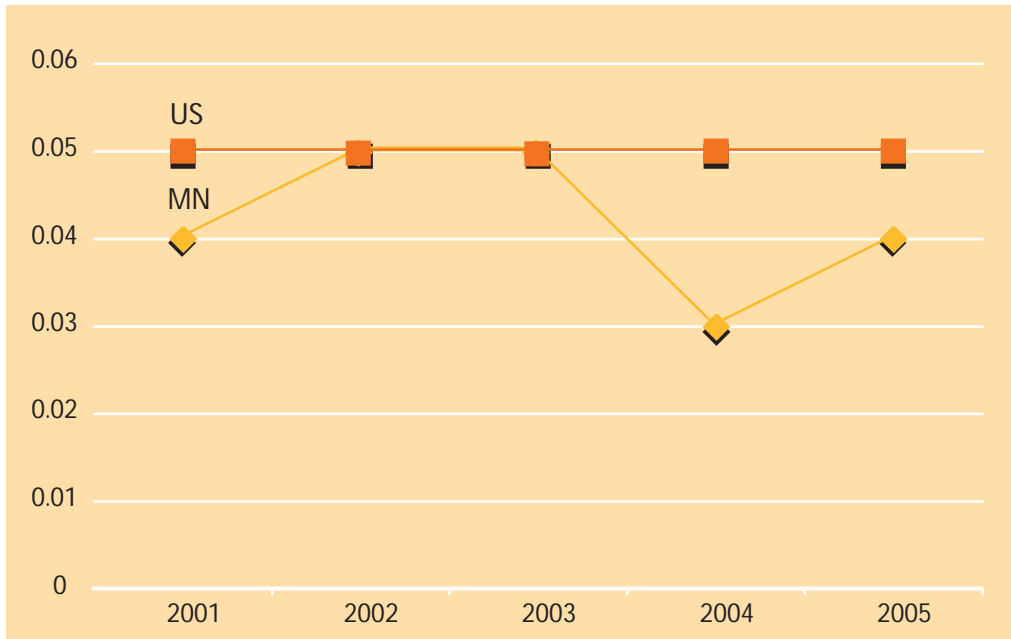
- Both the number of fatal alcohol-related crashes and the number of persons killed in these crashes have decreased since 2003
- Rates of fatal alcohol-related crashes and the number of persons killed in these crashes are currently lower in Minnesota compared to national trends

Substance: Alcohol

Data Source: Fatality Analysis Reporting System

FATAL ALCOHOL-RELATED MOTOR VEHICLE CRASHES, & NUMBER OF PERSONS KILLED IN FATAL ALCOHOL-RELATED CRASHES, RATES PER 1000 POPULATION

NUMBER OF FATAL ALCOHOL-RELATED CRASHES



NUMBER OF PERSONS KILLED IN FATAL ALCOHOL-RELATED CRASHES



Minnesota	2001	2002	2003	2004	2005
Number of fatal alcohol-related crashes	192	227	238	178	184
Percent of all fatal crashes in MN	37.8%	38.5%	40.8%	34.2%	36.8%
Rate per 1000 population	0.04	0.05	0.05	0.03	0.04

United States	2001	2002	2003	2004	2005
Number of fatal alcohol-related crashes	15553	15626	15251	15195	15238
Percent of all fatal crashes in US	41.1%	41.3%	39.9%	39.5%	38.9%
Rate per 1000 population	0.05	0.05	0.05	0.05	0.05

	2001	2002	2003	2004	2005
MN:US**	.92	.93	1.02	.87	.95

Minnesota	2001	2002	2003	2004	2005
Number of persons killed in fatal alcohol-related crashes	225	256	266	191	201
Percent of persons killed in fatal crashes in MN	39.6%	39.0%	40.6%	33.7%	36.0%
Rate per 1000 population	0.05	0.05	0.05	0.04	0.04

United States	2001	2002	2003	2004	2005
Number of persons killed in fatal alcohol-related crashes	17400	17524	17105	16919	16885
Percent of persons killed in fatal crashes in US	41.2%	40.7%	39.9%	39.5%	38.9%
Rate per 1000 population	.06	.06	.06	.06	.06

	2001	2002	2003	2004	2005
MN:US**	.96	.96	1.02	.85	.93

**Ratio of MN relative to US; A score above 1 means MN rates are above US rates; a score below 1 means MN rates are below US rates

IMPAIRED DRIVING VIOLATIONS

About the Indicator: As a depressant, alcohol use interferes with coordination, judgment and reaction time and can have fatal consequences. Driving with a blood alcohol concentration (BAC) level 0.08 or higher (0.04 in a commercial vehicle) is a legal violation and can be assessed from different sources.

Data below report on DUI arrests and incidents on record¹.

Data Source(s): Uniform Crime Reports (UCR)
MN Department of Traffic Safety, Impaired Driving Facts, 2004

Key Findings in Minnesota:

- DUI arrests in Minnesota have remained constant in recent years and are well above national arrest rates for DUI violations
- DUI arrests are more prevalent among males compared to females and are most prevalent among individuals age 18-34 compared to other age groups

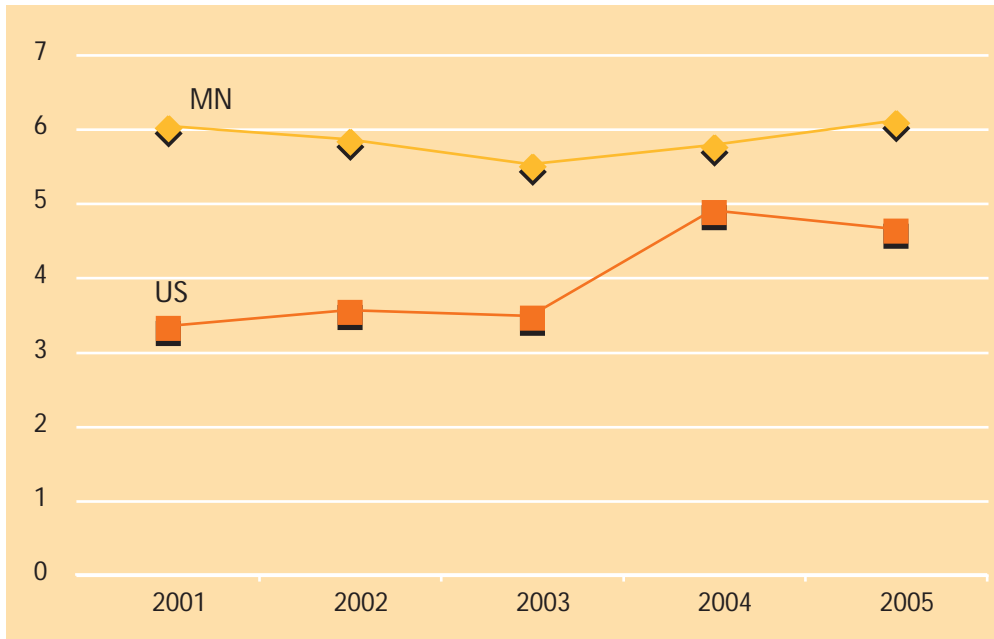
¹An incident on record refers to a violation recorded on the person's Minnesota driving record.



Substance: Alcohol

Data Source: Uniform Crime Reports¹

ARRESTS FOR DUI PER 1000 POPULATION



Minnesota	2001	2002	2003	2004	2005
DUI arrests	30008	29322	27830	29633	31268
Rate per 1000 population	6.02	5.84	5.50	5.76	6.09
United States	2001	2002	2003	2004	2005
DUI arrests	946,694	1,020,377	1,005,777	1,433,382	1,371,919
Rate per 1000 population	3.32	3.54	3.46	4.88	4.63
	2001	2002	2003	2004	2005
MN:US**	.86	.86	.90	.90	.91

**Ratio of MN relative to US; A score above 1 means MN rates are above US rates; a score below 1 means MN rates are below US rates

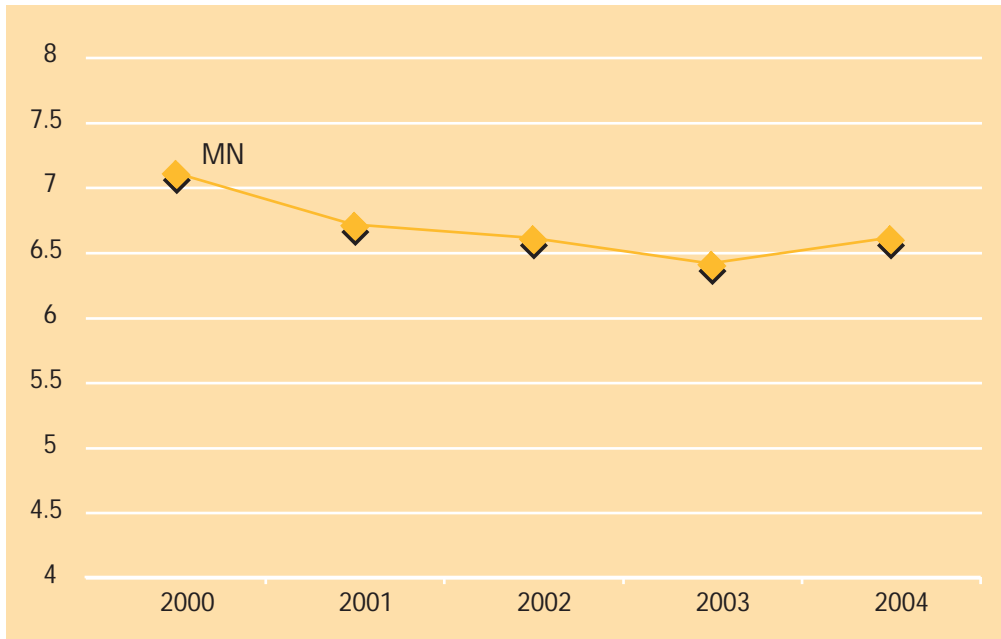
¹ Minnesota statistics for 2003 and 2004 do not include data from the St. Paul Police Dept.

MINNESOTA DATA BY GENDER, AGE, RACE/ETHNICITY

		2001		2002		2003		2004		2005	
		N (#)	%	N (#)	%	N (#)	%	N (#)	%	N (#)	%
Gender	Male	23828	79.4%	22998	78.4%	21754	78.2%	22977	77.5%	23914	76.5%
	Female	6180	20.6%	6324	21.6%	6076	21.8%	6686	22.6%	7354	23.5%
Age	Under 18	768	2.6%	864	2.9%	866	3.1%	819	2.8%	746	2.4%
	18 to 24	9495	31.6%	9646	32.9%	9540	34.3%	9947	33.6%	10675	34.1%
	25 to 34	8456	28.2%	7963	27.2%	7422	26.7%	8237	27.8%	8980	28.7%
	35 to 44	6901	23.0%	6349	21.7%	5719	20.5%	5913	20.0%	5891	18.8%
	45 to 54	3233	10.8%	3244	11.1%	3057	11.0%	3456	11.7%	3621	11.6%
	55 to 64	851	2.8%	928	3.2%	923	3.3%	998	3.4%	1056	3.4%
	65 & over	304	1.0%	328	1.1%	303	1.1%	293	1.0%	299	1.0%
Race	White	27403	91.3%	26804	91.4%	25602	92.0%	27051	91.3%	28532	91.2%
	African Am	1392	4.6%	1391	4.7%	1304	4.7%	1472	5.0%	1617	5.2%
	Native Am./Alask	853	2.8%	774	2.6%	605	2.2%	725	2.4%	665	2.1%
	Asian	360	1.2%	353	1.2%	319	1.1%	415	1.4%	454	1.5%
Ethnic.	Hispanic	1740	5.8%	1784	6.1%	1780	6.4%	1867	6.3%	2165	6.9%
	Non-Hispanic	28268	94.2%	27538	93.9%	26050	6.4%	27796	93.8%	29103	93.1%

Substance: Alcohol
Data Source: MN Office of Traffic Safety

IMPAIRED DRIVING INCIDENTS PER 1000 POPULATION



Minnesota	2000	2001	2002	2003	2004
Number of impaired driving incidents	35034	33532	33163	32266	34202
Rate per 1000 population	7.1	6.7	6.6	6.4	6.6

MINNESOTA DATA BY GENDER AND AGE: IMPAIRED DRIVING INCIDENTS, VIOLATOR DATA

		2000		2001		2002		2003		2004	
		N (#)	%	N (#)	%	N (#)	%	N (#)	%	N (#)	%
Gender	Male	25864	73.8%	24566	73.3%	23954	72.2%	23004	71.3%	24117	70.5%
	Female	6788	19.4%	6539	19.5%	6568	19.8%	6515	20.2%	7147	20.9%
	Unknown	2382	6.8%	2427	7.2%	2641	8.0%	2747	8.5%	2938	8.6%
Age	0-14	4	0.0%	1	0.0%	7	0.0%	3	0.0%	3	0.0%
	15-19	2168	6.2%	1979	5.9%	1962	5.9%	2024	6.3%	1990	5.8%
	20-24	7776	22.2%	7912	23.6%	8148	24.6%	8209	25.4%	8699	25.4%
	25-29	5859	16.7%	5457	16.3%	5287	15.9%	5411	16.8%	5892	17.2%
	30-34	4831	13.8%	4573	13.6%	4374	13.2%	4004	12.4%	4253	12.4%
	35-39	5116	14.6%	4438	13.2%	4054	12.2%	3632	11.3%	3654	10.7%
	40-44	3944	11.3%	3910	11.7%	3880	11.7%	3650	11.3%	3825	11.2%
	45-49	2485	7.1%	2462	7.3%	2502	7.5%	2465	7.6%	2709	7.9%
	50-54	1399	4.0%	1457	4.3%	1454	4.4%	1378	4.3%	1637	4.8%
	55-59	694	2.0%	651	1.9%	752	2.3%	754	2.3%	789	2.3%
	60-64	372	1.1%	338	1.0%	358	1.1%	381	1.2%	425	1.2%
	65-69	194	0.6%	192	0.6%	197	0.6%	188	0.6%	166	0.5%
	70-74	119	0.3%	100	0.3%	105	0.3%	97	0.3%	93	0.3%
	75+	72	0.2%	61	0.2%	83	0.3%	67	0.2%	67	0.2%
	Unknown	1	0.0%	1	0.0%	0	0.0%	3	0.0%	0	0.0%

VIOLENT CRIME

About the Indicator: It has been estimated that up to 40% of violent crimes can be linked to alcohol use^{vii}. Violent crime refers to three arrest categories: aggravated assaults, sexual assaults and robberies.

The following measures include both arrest statistics for violent crime, as well as figures for deaths from homicide.

The Centers for Disease Control and Prevention (CDC) provides a measure of Alcohol-Attributable Fractions (AAFs). AAFs are based on direct observations about the relationship between alcohol and a given health outcome. The AAF for homicide for both males and females is 47%.

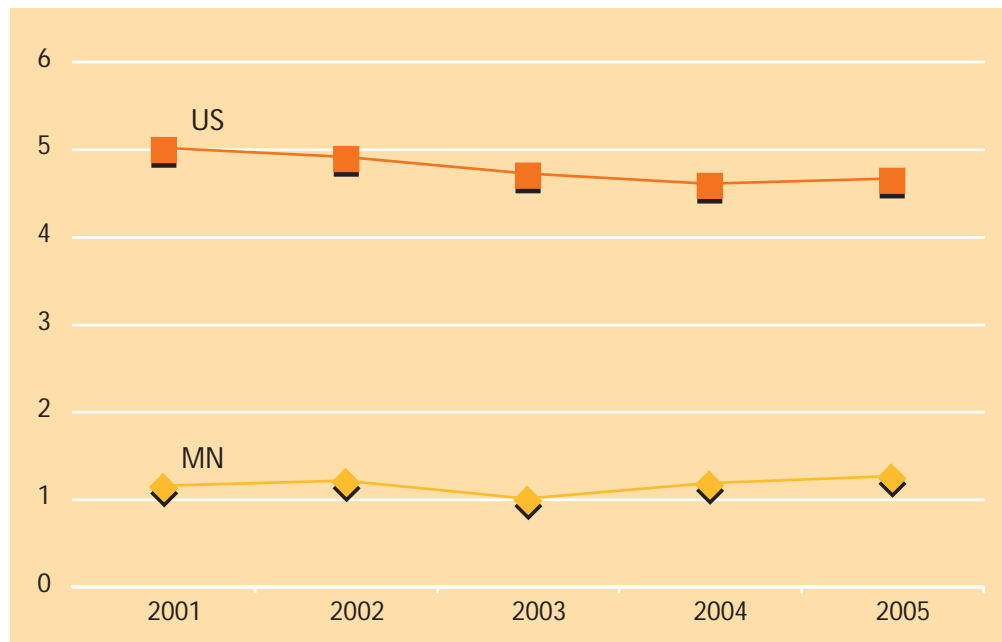
Data Source(s): Uniform Crime Reports (UCR)
National Vital Statistics System (NVSS)

Key Findings in Minnesota:

- In Minnesota, both violent crimes and deaths from homicide have remained constant in recent years and both measures are well below national rates
- Marked gender differences in violent crime offending exist—men are over 5 times as likely to be arrested for violent crime as compared to women

Substance: Alcohol
Data Source: Uniform Crime Reports¹

ARRESTS FOR VIOLENT CRIMES PER 1000 POPULATION



Minnesota	2001	2002	2003	2004	2005
Violent Crime arrests	5651	6000	5003	5953	6372
Rate per 1000 population	1.13	1.19	0.99	1.16	1.24
United States	2001	2002	2003	2004	2005
Violent Crime arrests	1,423,443	1,407,448	1,367,148	1,343,940	1,374,003
Rate per 1000 population	4.99	4.89	4.70	4.58	4.64
	2001	2002	2003	2004	2005
MN:US**	.23	.24	.21	.25	.27

**Ratio of MN relative to US; A score above 1 means MN rates are above US rates; a score below 1 means MN rates are below US rates

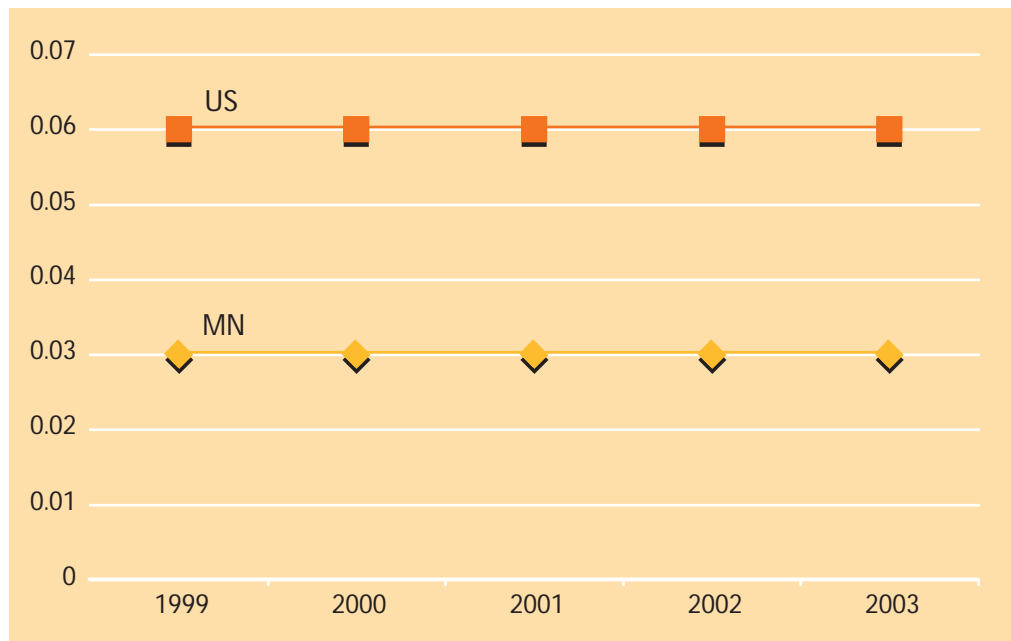
¹Minnesota statistics for 2003 and 2004 do not include data from the St. Paul Police Dept.

MINNESOTA DATA BY GENDER, AGE, RACE/ETHNICITY

		2001		2002		2003		2004		2005	
		N (#)	%	N (#)	%	N (#)	%	N (#)	%	N (#)	%
Gender	Male	4749	84.0%	5032	83.9%	4257	85.1%	5043	84.7%	5392	84.6%
	Female	902	16.0%	968	16.1%	746	14.9%	910	15.3%	980	15.4%
Age	Under 18	1221	21.6%	1467	24.5%	1247	24.9%	1368	23.0%	1378	21.6%
	18 to 24	1837	32.5%	1885	31.4%	1554	31.1%	1939	32.6%	2036	32.0%
	25 to 34	1234	21.8%	1272	21.2%	1028	20.5%	1236	20.8%	1387	21.8%
	35 to 44	930	16.5%	936	15.6%	788	15.8%	923	15.5%	974	15.3%
	45 to 54	339	6.0%	345	5.8%	303	6.1%	377	6.3%	492	7.7%
	55 to 64	63	1.1%	82	1.4%	65	1.3%	79	1.3%	86	1.3%
	65 & over	27	0.5%	13	0.2%	18	0.4%	31	0.5%	19	0.3%
Race	White	2986	52.8%	3171	52.9%	2957	59.1%	3227	54.2%	3158	49.6%
	African Am	2096	37.1%	2244	37.4%	1697	33.9%	2190	36.8%	2644	41.5%
	Native Am./Alask	387	6.8%	374	6.2%	248	5.0%	385	6.5%	392	6.2%
	Asian	182	3.2%	211	3.5%	101	2.0%	151	2.5%	178	2.8%
Ethnic.	Hispanic	657	11.6%	762	12.7%	629	12.6%	656	11.0%	803	12.6%
	Non-Hispanic	4994	88.4%	5238	87.3%	4374	87.4%	5297	89%	5569	87.4%

Substance: Alcohol
Data Source: National Vital Statistics System

DEATHS FROM HOMICIDE PER 1000 POPULATION



Minnesota	1999	2000	2001	2002	2003
Deaths from Homicide	139	139	127	127	130
Rate per 1000 population	0.03	0.03	0.03	0.03	0.03
United States	1999	2000	2001	2002	2003
Deaths from Homicide	16889	16765	17386	17637	17732
Rate per 1000 population	0.06	0.06	0.06	0.06	0.06
	1999	2000	2001	2002	2003
MN:US**	0.47	0.47	0.42	0.41	0.42

**Ratio of MN relative to US; A score above 1 means MN rates are above US rates; a score below 1 means MN rates are below US rates

MINNESOTA DATA BY GENDER, AGE, RACE/ETHNICITY

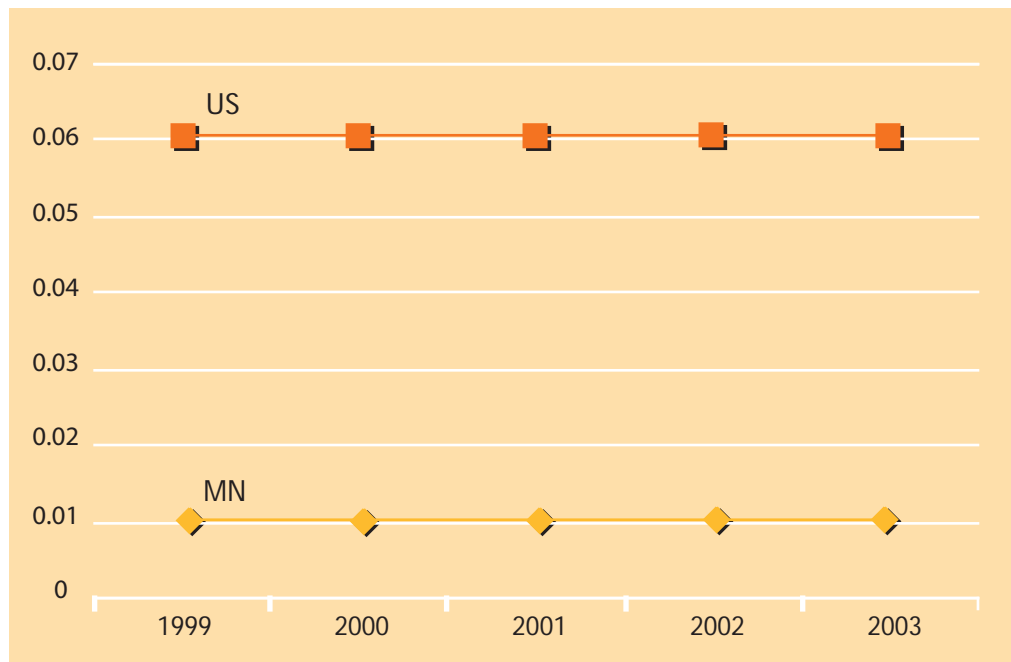
	1999		2000		2001		2002		2003	
	N (#)	%	N (#)	%	N (#)	%	N (#)	%	N (#)	%
Male	95	68.3%	89	64.0%	85	66.9%	93	73.2%	103	79.2%
Female	44	31.7%	50	36.0%	42	33.1%	34	26.8%	27	20.8%
< 1 year	3	2.2%	3	2.2%	5	3.9%	6	4.7%	4	3.1%
1-4 years	7	5.0%	3	2.2%	6	4.7%	6	4.7%	4	3.1%
5-9 years	5	3.6%	2	1.4%	*	*	*	*	*	*
10-14 years	2	1.4%	2	1.4%	*	*	4	3.1%	*	*
15-19	21	15.1%	12	8.6%	11	8.7%	9	7.1%	19	14.6%
20-24	15	10.8%	25	18.0%	17	13.4%	29	22.8%	29	22.3%
25-34	26	18.7%	30	21.6%	27	21.3%	32	25.2%	15	11.5%
35-44	30	21.6%	32	23.0%	23	18.1%	15	11.8%	24	18.5%
45-54	11	7.9%	17	12.2%	18	14.2%	17	13.4%	21	16.2%
55-64	5	3.6%	4	2.9%	5	3.9%	2	1.6%	6	4.6%
65-74	7	5.0%	3	2.2%	9	7.1%	*	*	3	2.3%
75-84	3	2.2%	4	2.9%	0	0.0%	3	2.4%	*	*
85+	2	1.4%	2	1.4%	5	3.9%	2	1.6%	2	1.5%
Unknown	2	1.4%	*	*	*	*	*	*	*	*
White	77	55.4%	88	63.3%	72	56.7%	67	52.8%	72	55.4%
Black or African-American	40	28.8%	38	27.3%	37	29.1%	43	33.9%	36	27.7%
Other Race	22	15.8%	13	9.4%	18	14.2%	17	13.4%	22	16.9%

* = Not available if fewer than 2 cases occurred per year

Substance: Alcohol

Data Source: National Vital Statistics System & Alcohol Related Disease Impact

DEATHS FROM ALCOHOL-RELATED* HOMICIDE PER 1000 POPULATION



Minnesota	1999	2000	2001	2002	2003
Deaths from Alcohol-related* Homicide	65	65	60	60	61
Rate per 1000 population	0.01	0.01	0.01	0.01	0.01
United States	1999	2000	2001	2002	2003
Deaths from Alcohol-related* Homicide	7939	7880	8171	8289	8334
Rate per 1000 population	0.03	0.03	0.03	0.03	0.03
	1999	2000	2001	2002	2003
MN:US**	0.47	0.47	0.42	0.41	0.42

*Alcohol-related homicide data are calculated using the AAF for homicide, 47%

**Ratio of MN relative to US; A score above 1 means MN rates are above US rates; a score below 1 means MN rates are below US rates