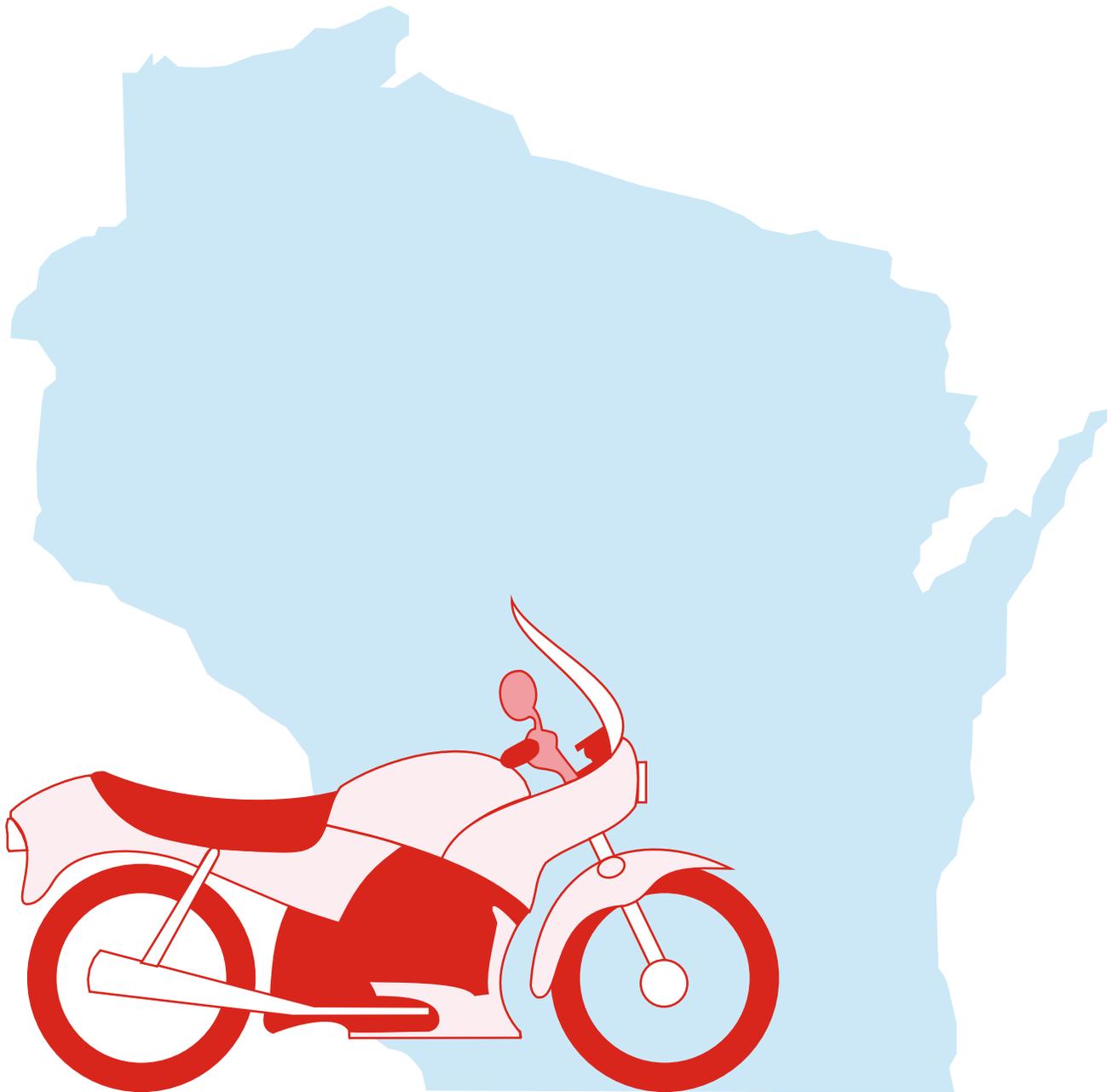


2002 WISCONSIN MOTORCYCLE SAFETY FACTS BOOK





Wisconsin Department of Transportation

www.dot.wisconsin.gov

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Governor

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October 27, 2003

Dear Traffic Safety Advocate:

The Department of Transportation's Bureau of Transportation Safety is happy to provide to you a copy of the "2002 Wisconsin Motorcycle Safety Facts Book." Although this book is released in 2003, the book contains 2002 data.

This publication includes a wealth of motorcycle crash data and general motorcycling information, which assists our bureau in developing programs to address areas of concern. It also supports our goal of improved information sharing among those groups and individuals having an interest in motorcycle safety.

The most recent increase in motorcyclist fatalities underscores the importance of raising awareness about motorcycle safety through publications such as these. As of 10/27/03, there were 98 motorcyclist fatalities, representing an increase of 29% from the previous year on the same date. We face serious challenges, and the commitment to reducing crashes, deaths and injuries continues to be WisDOT's top priority.

I want to take this opportunity to say "THANK YOU" to all the individuals, organizations and agencies that contributed to the content. Printing costs for this publication are paid for out of the Wisconsin Motorcycle Safety Program.

To obtain further program information or additional copies of this book, please write Ron Thompson, WisDOT Bureau of Transportation Safety, P.O. Box 7936, Madison, Wisconsin 53707. Phone: (608) 266-7855. FAX: (608) 267-0441.
email: ron.thompson@dot.state.wi.us.

Sincerely,

A handwritten signature in black ink that reads "Frank J. Busalacchi".

Frank J. Busalacchi,
Secretary

2002 MOTORCYCLE SAFETY AT A GLANCE

- In 2002, there were 3.6 registered motorcycles for every 100 residents. In ten years, the number of residents holding a Class M endorsement (motorcycle license) has experienced a steady increase by 23% from 337,225 in 1993 to 414,435 in 2002.
- In 2002, 78 motorcyclists (including passengers) were killed, compared to 70 in 2001. This represents an 11.4% decrease, however it is almost double the number of fatalities that occurred in 1993 (40 fatalities).
- In 2002, 2,049 motorcyclists were injured on Wisconsin roads, a 5.7% decrease from 2,166 in 2001 and an 8.2% decrease from 1993. An additional 114 non-motorcyclists were injured in crashes involving motorcycles in 2002.
- While cyclists between ages 35 and 54 account for 62.8% of licensed cyclists, they account for 47.0% of drivers in crashes in 2002. While 16-24 year olds account for 4% of the licensed cyclists, they account for 20.7% of those in crashes in 2002.
- Since 1995, cyclists 45 and older experienced the highest increase in fatalities compared with all other age groups. In 2002, 40 cyclists ages 45 and older were killed compared to 5 in 1995 representing an eight-fold increase.
- Alcohol and/or speed was the primary contributing factor in 76% of all single unit fatal crashes in 2002 and 36% of all single unit crashes.
- There were 271 alcohol-related, motorcycle crashes in 2002. Of these, 242 (89.3%) occurred between 4 p.m. and 4 a.m. with the most occurring from 7-8 PM (10.3%).
- In 2002, while only 2.0% of passenger cars and 1.3% of utility trucks involved in a crash with a deer resulted in a fatality or injury to an occupant, 74.5% of motorcycle-deer crashes resulted in a fatality or injury to a cyclist.
- Motorcycle helmets were known to be worn by fifteen (19.2%) of 78 killed motorcyclists in 2002.
- Motorcycle helmets were known to be worn by 34% of all motorcyclists involved in 2002 crashes.
- Almost nine out of ten motorcycle crashes occur on dry pavement.
- Approximately nine out of ten Wisconsin residents who hold regular motorcycle endorsements are male.
- Saturday and Sunday are the two most common days for motorcycle crashes, both for alcohol-related (more than half occurred on one of those two days) and non-alcohol-related crashes.
- More motorcycle crashes occur between 3 p.m. and 6 p.m. than any other three-hour time block.
- In general, more fatalities occur in the higher-populated, southwest area of the state compared with other regions in Wisconsin.
- In 2002, the top five motorcycle driver possible contributing circumstances (PCC) for both injuries and fatalities were: "failure to control," "too fast for conditions," "driver condition," "inattentive driving," and "exceeding the speed limit."

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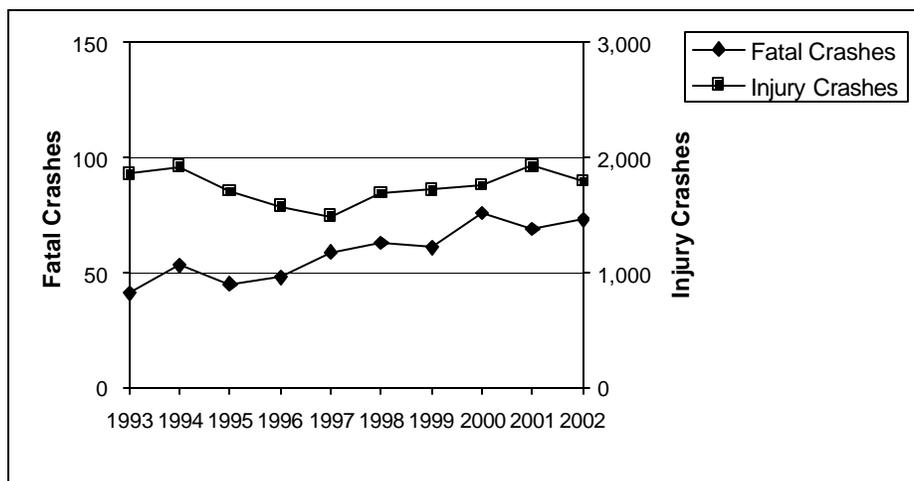
Motorcycle Crashes 10-Year Summary

Year	Registered Cycles	Cyclist Fatalities	Fatal Crashes	Single Unit Fatal Crashes	Injury Crashes	Property Damage Crashes	Total Crashes	Cyclists Killed Without Helmet or Unknown	Cyclists Killed Wearing Helmet
1993	169,499	40	41	23	1,861	341	2,243	32	8
1994	149,756	57	53	25	1,924	320	2,297	50	7
1995	168,287	47	45	20	1,709	303	2,057	43	4
1996	148,975	50	48	24	1,580	195	1,823	40	10
1997	167,997	63	59	37	1,487	214	1,760	52	11
1998	156,921	65	63	30	1,691	235	1,989	51	14
1999	179,494	65	61	31	1,720	231	2,012	48	17
2000	175,486	78	76	35	1,760	242	2,078	63	15
2001	201,143	70	69	41	1,928	288	2,285	56	14
2002	198,495	78	73	34	1,794	317	2,184	63	15

Note: The number of cyclists killed includes both drivers and passengers.

Source: WisDOT/DMV/Accident Database

1993-2002 Fatal and Injury Motorcycle Crashes



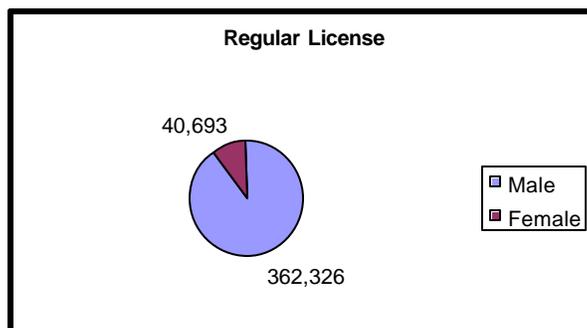
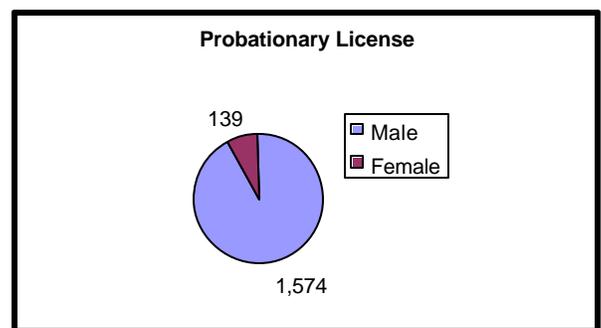
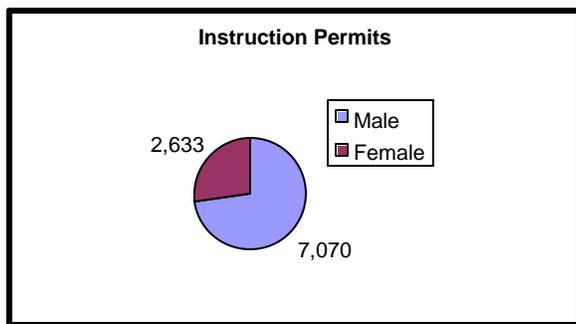
2002 Drivers with Motorcycle Endorsements By Type, Gender, and Age

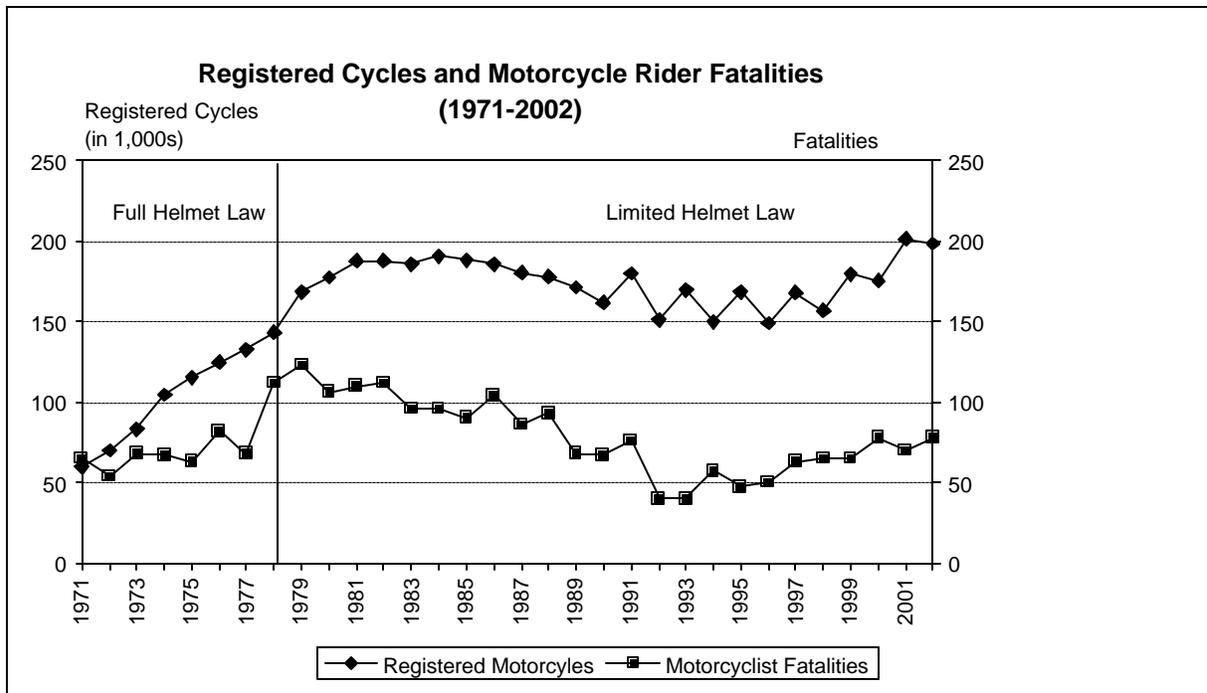
Motorcycle License - Class M									
Age	Instruction Permits		Probationary		Regular		Totals		Total
	Male	Female	Male	Female	Male	Female	Male	Female	
16	0	0	103	9	0	0	103	9	112
17	68	12	352	38	0	0	420	50	470
18	224	27	572	55	51	6	847	88	935
19	249	26	44	6	857	66	1,150	98	1,248
20	306	41	66	8	1,316	126	1,688	175	1,863
21	270	52	51	3	1,706	180	2,027	235	2,262
22	239	64	42	1	2,126	243	2,407	308	2,715
23	255	55	27	2	2,644	309	2,926	366	3,292
24	244	67	12	0	2,810	329	3,066	396	3,462
25-34	2,073	777	196	9	50,990	6,812	53,259	7,598	60,857
35-44	1,740	939	84	6	111,796	13,949	113,620	14,894	128,514
45-54	1,007	500	19	2	117,829	12,550	118,855	13,052	131,907
55-64	343	66	5	0	49,749	4,810	50,097	4,876	54,973
65-74	48	7	1	0	15,815	1,090	15,864	1,097	16,961
75+	4	0	0	0	4,637	223	4,641	223	4,864
TOTAL	7,070	2,633	1,574	139	362,326	40,693	370,970	43,465	414,435

Note: As of 12/31/02

Source: WisDOT/Bureau of Driver Services

2002 Drivers with Motorcycle Endorsements by License Type and Gender





Source: WisDOT/DMV Accident Database

Motorcycle Sales in Wisconsin (TOTAL)

YEAR	NEW CYCLES	USED CYCLES DEALER	USED CYCLES PRIVATE	TOTAL CYCLE SALES
1998	9,920	6,548	28,648	45,116
1999	12,166	6,954	25,460	44,580
2000	13,884	7,449	28,673	50,006
2001	14,956	7,452	25,812	48,220
2002	16,727	7,882	27,373	51,982

Motorcycle Sales in Wisconsin (USED)

YEAR	DEALER	PRIVATE	PERCENT DEALER	PERCENT PRIVATE
1998	6,548	28,648	18.6%	81.4%
1999	6,954	25,460	21.5%	78.5%
2000	7,449	28,673	20.6%	79.4%
2001	7,452	25,812	22.4%	77.6%
2002	7,882	27,373	22.4%	77.6%

Motorcycle Sales (NEW VS. USED)

YEAR	NEW CYCLES	USED CYCLES	PERCENT	
			NEW	USED
1998	9,920	35,196	22.0%	78.0%
1999	12,166	32,414	27.3%	72.7%
2000	13,844	36,122	27.7%	72.2%
2001	14,956	33,264	31.0%	69.0%
2002	16,727	35,255	32.2%	67.8%

Motorcycle Sales (DEALER VS. PRIVATE)

YEAR	DEALER	PRIVATE	PERCENT	
			DEALER	PRIVATE
1998	16,468	28,648	36.5%	63.5%
1999	19,120	25,460	42.9%	57.1%
2000	21,333	28,673	42.7%	57.3%
2001	22,408	25,182	46.5%	52.2%
2002	24,609	27,373	47.3%	52.7%

Source: WisDOT/DMV/Bureau of Vehicle Services

2002 Registered Cycles and Total Crashes by County

County	2002 Estimated Population	Registered Cycles	Cycles per 1000 Residents	Total Cycle Crashes	Crashes per 100 Registered	Total Vehicle Crashes	% Cycle Crashes
Adams	20,327	903	44.42	12	1.33	689	1.74%
Ashland	16,979	599	35.28	4	0.67	292	1.37%
Barron	45,633	1,687	36.97	18	1.07	983	1.83%
Bayfield	15,263	780	51.10	8	1.03	328	2.44%
Brown	231,858	8,382	36.15	87	1.04	4,293	2.03%
Buffalo	13,955	797	57.11	12	1.51	295	4.07%
Burnett	16,051	669	41.68	8	1.20	301	2.66%
Calumet	42,497	1,583	37.25	13	0.82	660	1.97%
Chippewa	56,588	2,266	40.04	18	0.79	1,394	1.29%
Clark	33,860	1,245	36.77	3	0.24	910	0.33%
Columbia	53,472	2,204	41.22	31	1.41	1,740	1.78%
Crawford	17,406	617	35.45	5	0.81	372	1.34%
Dane	438,881	12,558	28.61	164	1.31	10,244	1.60%
Dodge	87,083	3,523	40.46	26	0.74	1,733	1.50%
Door	28,641	1,680	58.66	20	1.19	858	2.33%
Douglas	43,677	1,443	33.04	17	1.18	943	1.80%
Dunn	40,828	1,633	40.00	12	0.73	1,180	1.02%
Eau Claire	95,132	2,936	30.86	23	0.78	2,476	0.93%
Florence	5,187	242	46.66	5	2.07	209	2.39%
Fond du Lac	98,589	3,877	39.32	48	1.24	2,579	1.86%
Forest	10,113	400	39.55	5	1.25	312	1.60%
Grant	50,165	1,934	38.55	17	0.88	1,197	1.42%
Green	34,351	1,610	46.87	18	1.12	877	2.05%
Green Lake	19,282	715	37.08	12	1.68	697	1.72%
Iowa	23,153	847	36.58	20	2.36	623	3.21%
Iron	6,932	299	43.13	3	1.00	114	2.63%
Jackson	19,381	815	42.05	11	1.35	807	1.36%
Jefferson	77,306	3,166	40.95	25	0.79	1,648	1.52%
Juneau	25,052	1,138	45.43	8	0.70	774	1.03%
Kenosha	153,009	6,040	39.47	82	1.36	3,599	2.28%
Kewaunee	20,487	1,084	52.91	5	0.46	280	1.79%
La Crosse	108,433	3,461	31.92	40	1.16	2,411	1.66%
Lafayette	16,263	563	34.62	8	1.42	472	1.69%
Langlade	21,017	816	38.83	7	0.86	375	1.87%
Lincoln	29,944	1,221	40.78	14	1.15	905	1.55%
Manitowoc	83,925	4,415	52.61	45	1.02	1,867	2.41%
Marathon	127,968	4,817	37.64	42	0.87	3,222	1.30%
Marinette	43,804	1,920	43.83	21	1.09	1,022	2.05%
Marquette	14,771	684	46.31	6	0.88	510	1.18%
Menominee	4,595	27	5.88	0	0.00	45	0.00%
Milwaukee	941,091	20,694	21.99	320	1.55	23,466	1.36%
Monroe	41,865	1,723	41.16	13	0.75	1,303	1.00%
Oconto	36,811	2,019	54.85	20	0.99	632	3.16%
Oneida	37,418	1,693	45.25	27	1.59	1,086	2.49%
Outagamie	165,570	6,543	39.52	46	0.70	3,627	1.27%
Ozaukee	83,964	3,352	39.92	30	0.89	1,351	2.22%
Pepin	7,483	346	46.24	5	1.45	174	2.87%
Pierce	37,757	1,647	43.62	27	1.64	818	3.30%
Polk	42,621	1,908	44.77	22	1.15	719	3.06%
Portage	68,227	2,362	34.62	28	1.19	1,789	1.57%
Price	15,891	717	45.12	1	0.14	233	0.43%
Racine	190,446	7,208	37.85	83	1.15	4,177	1.99%
Richland	18,056	668	37.00	12	1.80	587	2.04%
Rock	154,001	5,758	37.39	67	1.16	3,882	1.73%
Rusk	15,458	502	32.48	8	1.59	243	3.29%
Sauk	67,767	3,243	47.86	50	1.01	2,110	2.37%
Sawyer	56,663	2,571	45.37	6	0.19	366	1.64%
Shawano	16,584	498	30.03	21	0.82	1,717	1.22%
Sheboygan	41,273	1,484	35.96	43	8.63	2,548	1.69%
St. Croix	114,139	4,940	43.28	35	2.36	1,924	1.82%
Taylor	19,718	850	43.11	10	1.18	703	1.42%
Trempealeau	27,393	1,067	38.95	13	1.22	466	2.79%
Vernon	28,584	1,009	35.30	18	1.78	794	2.27%
Vilas	21,457	904	42.13	7	0.77	616	1.14%
Walworth	94,532	4,246	44.92	34	0.80	1,983	1.71%
Washburn	16,438	608	36.99	2	0.33	379	0.53%
Washington	120,429	6,107	50.71	53	0.87	2,337	2.27%
Waukesha	368,077	15,853	43.07	142	0.90	7,233	1.96%
Waupaca	52,622	1,960	37.25	17	0.87	1,785	0.95%
Waushara	24,560	902	36.73	10	1.11	677	1.48%
Winnebago	159,161	5,439	34.17	60	1.10	3,744	1.60%
Wood	75,982	3,522	46.35	31	0.88	1,367	2.27%
Wisconsin 2002	5,453,896	198,495	36.40	2,184	1.70	129,072	1.69%
US 2001	285,317,559	4,903,056	17.18	74,000	1.51	6,323,000	1.17%

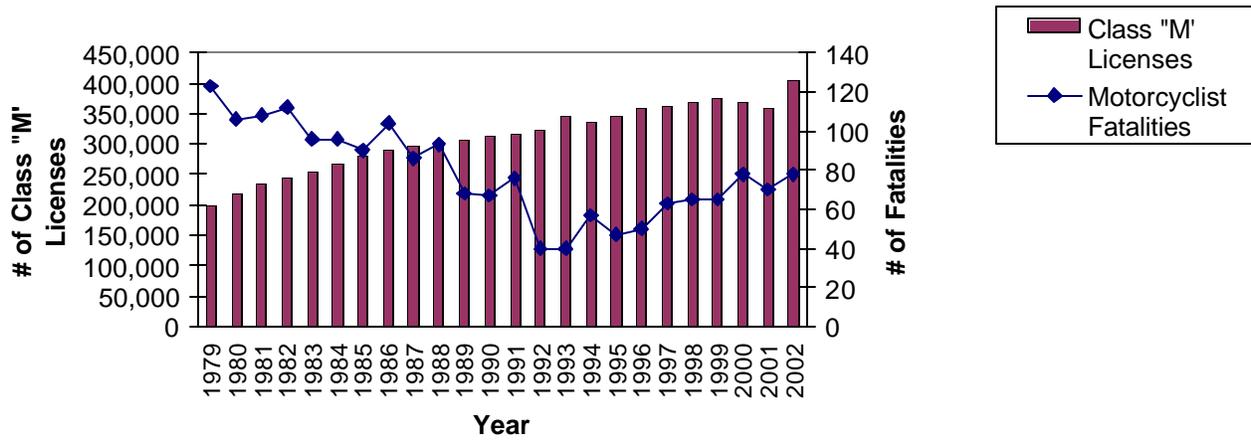
Based on 2002 Population Estimates and 2002 Registration Data.

Source: WisDOT/DMV/Accident Database

State of Wisconsin Department of Administration

US Data are 2001 estimates from the U.S. Bureau of the Census and NHTSA

1979-2002 Motorcyclist Fatalities and Number of Operators with Class "M" Licenses



Source: WisDOT/DMV/Accident Database. WisDOT/Bureau of Driver Services.

2002- Motorcyclists Injured or Killed By Age and Injury Severity by Gender

Age	Severity of Injury by Gender												Total Injured or Killed							
	Killed				Incapacitating				Nonincapacitating				Possible				F	M	U	Total
	F	M	U	Total	F	M	U	Total	F	M	U	Total	F	M	U	Total	F	M	U	Total
Unknown	0	0	0	0	2	0	0	2	5	0	0	5	2	1	0	3	9	1	0	10
Under 10	0	0	0	0	0	1	0	1	3	0	0	3	2	1	0	3	5	2	0	7
10-14	0	0	0	0	0	3	0	3	1	7	0	8	2	2	0	4	3	12	0	15
15	0	0	0	0	2	0	0	2	0	0	0	0	2	0	0	2	4	0	0	4
16	1	0	0	1	0	3	0	3	1	3	0	4	2	1	0	3	4	7	0	11
17	0	0	0	0	1	5	0	6	1	10	0	11	0	0	0	0	2	15	0	17
18	0	2	0	2	0	7	0	7	3	27	0	30	1	5	0	6	4	41	0	45
19	0	2	0	2	2	9	0	11	7	28	0	35	4	7	0	11	13	46	0	59
20	0	0	0	0	3	12	0	15	9	29	0	38	1	9	0	10	13	50	0	63
21	0	0	0	0	3	22	0	25	3	40	0	43	2	5	0	7	8	67	0	75
22	0	2	0	2	5	9	0	14	4	30	0	34	0	13	0	13	9	54	0	63
23	0	2	0	2	3	8	0	11	5	19	0	24	0	13	0	13	8	42	0	50
24	0	2	0	2	0	9	0	9	4	24	0	28	1	17	0	18	5	52	0	57
25-34	1	8	0	9	22	103	0	125	41	195	0	236	16	66	0	82	80	372	0	452
35-44	3	15	0	18	34	131	0	165	61	226	0	287	27	80	0	107	125	452	0	577
45-54	7	23	0	30	28	103	0	131	36	153	0	189	23	65	1	89	94	344	1	439
55-64	2	7	0	9	10	36	0	46	11	54	0	65	4	24	0	28	27	121	0	148
65-74	0	0	0	0	1	4	0	5	4	9	0	13	0	8	0	8	5	21	0	26
75-84	0	1	0	1	0	2	0	2	0	5	0	5	0	1	0	1	0	9	0	9
85 and over	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	14	64	0	78	116	467	0	583	199	859	0	1,058	89	318	1	408	418	1,708	1	2,127

F = Female M = Male U=Unknown

"Motorcyclist" includes motorcycle drivers and passengers.

Source: WisDOT/DMV/Accident Database

2002 - Motorcycle Crashes By Month and Severity, Total Killed, Total Injured by Urban/Rural Location

Month	Fatal Crashes			Personal Injury Crashes			Property Damage Crashes			Total Crashes			Total Persons Killed			Total Persons Injured		
	Rur	Urb	Tot	Rur	Urb	Tot	Rur	Urb	Tot	Rur	Urb	Tot	Rur	Urb	Tot	Rur	Urb	Tot
Jan	1	0	1	1	5	6	2	1	3	4	6	10	1	0	1	2	6	8
Feb	0	0	0	3	5	8	0	4	4	3	9	12	0	0	0	5	7	12
Mar	0	0	0	9	15	24	1	3	4	10	18	28	0	0	0	12	15	27
Apr	3	1	4	58	51	109	13	13	26	74	65	139	3	1	4	68	61	129
May	2	1	3	122	86	208	18	24	42	142	111	253	2	1	3	140	102	242
Jun	13	5	18	191	142	333	35	25	60	239	172	411	15	5	20	244	176	420
Jul	11	2	13	209	171	380	22	28	50	242	201	443	12	2	14	261	202	463
Aug	8	2	10	171	159	330	24	21	45	203	182	385	10	2	12	199	189	388
Sep	9	1	10	139	123	262	31	22	53	179	146	325	12	1	13	174	136	310
Oct	9	0	9	43	41	84	7	11	18	59	52	111	9	0	9	59	45	104
Nov	3	2	5	16	24	40	7	4	11	26	30	56	4	2	6	21	28	49
Dec	0	0	0	6	4	10	0	1	1	6	5	11	0	0	0	6	5	11
TOTAL	59	14	73	968	826	1,794	160	157	317	1,187	997	2,184	68	14	82	1,191	972	2,163

Rural = An unincorporated area or an incorporated area with a population under 5,000.

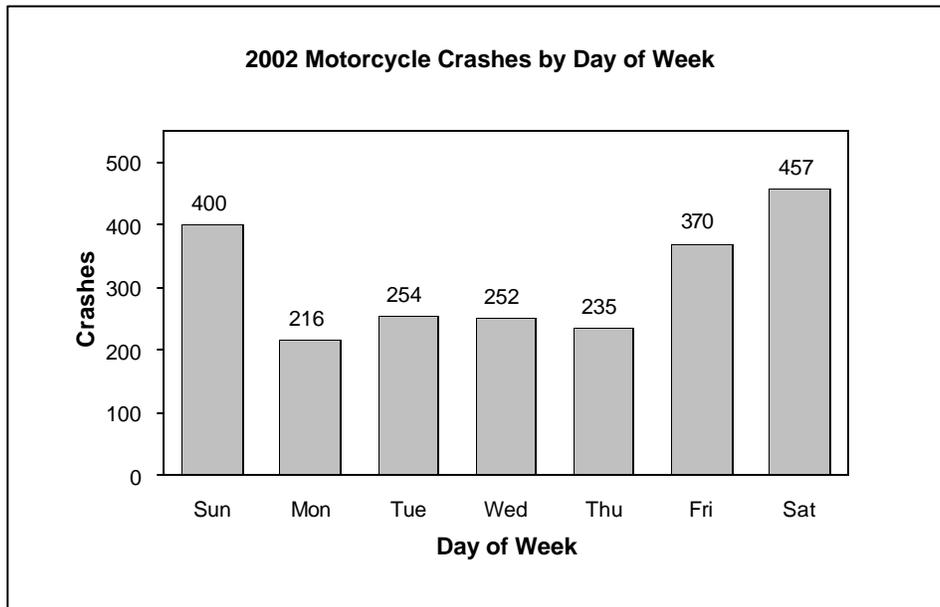
Urban = An incorporated area with a population of 5,000 or more.

Note: Total killed and total injured include everyone killed or injured in crashes involving motorcycles, not limited to motorcyclist.

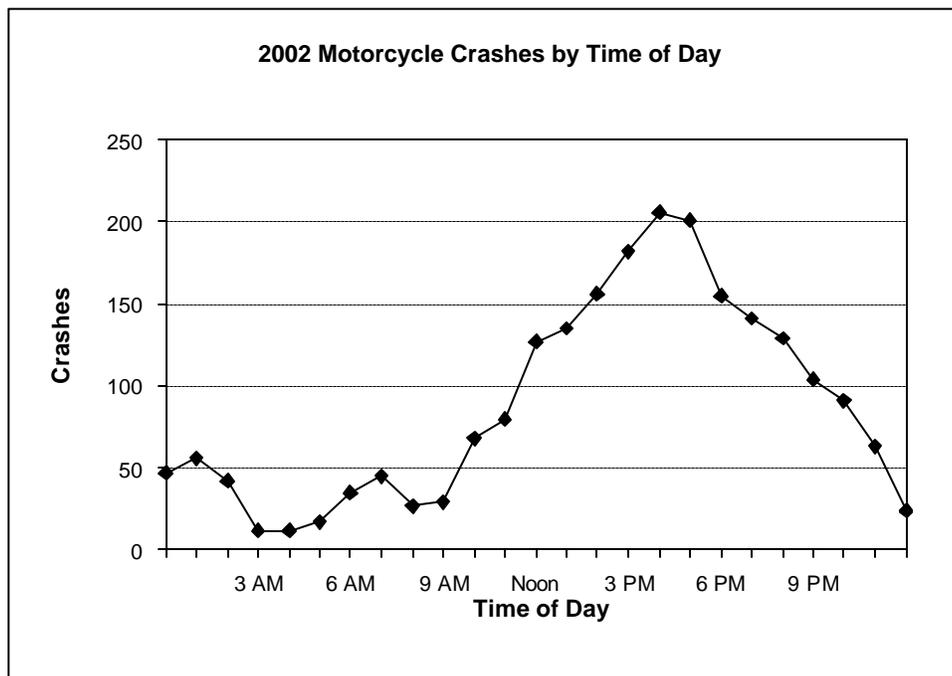
**2002 Motorcycle Crashes
by Time of Day and Day of Week**

Time of Day	Day of Week							TOTAL
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
12-1 AM	15	3	4	5	3	8	9	47
1-2 AM	18	6	3	7	2	5	15	56
2-3 AM	8	3	4	4	2	9	12	42
3-4 AM	2	1	2	1	2	0	4	12
4-5 AM	1	2	1	3	3	0	2	12
5-6 AM	2	2	1	3	1	6	2	17
6-7 AM	1	3	12	8	2	9	0	35
7-8 AM	1	7	12	7	5	10	3	45
8-9 AM	3	3	2	6	4	7	2	27
9-10 AM	11	2	4	2	4	2	4	29
10-11 AM	12	6	6	9	5	8	22	68
11 - Noon	21	7	10	3	9	12	18	80
12-1 PM	29	17	17	10	13	16	25	127
1-2 PM	38	13	5	12	14	19	34	135
2-3 PM	29	18	13	14	8	29	45	156
3-4 PM	41	19	17	17	22	32	34	182
4-5 PM	39	17	21	18	26	38	47	206
5-6 PM	29	26	29	25	20	41	31	201
6-7 PM	22	12	23	25	19	24	30	155
7-8 PM	27	14	14	19	14	27	26	141
8-9 PM	18	13	21	11	16	23	27	129
9-10 PM	10	4	17	17	17	17	22	104
10-11 PM	12	9	9	15	11	16	19	91
11 - Midnight	4	7	7	8	10	8	19	63
Unknown	7	2	0	3	3	4	5	24
TOTAL	400	216	254	252	235	370	457	2,184
Percentage	18%	10%	12%	11%	11%	17%	21%	100%

Source: WisDOT/DMV/Accident Database



Source: WisDOT/DMV Accident Database



Source: WisDOT/DMV Accident Database

2002 Motorcycle Drivers in Crashes by Age Group

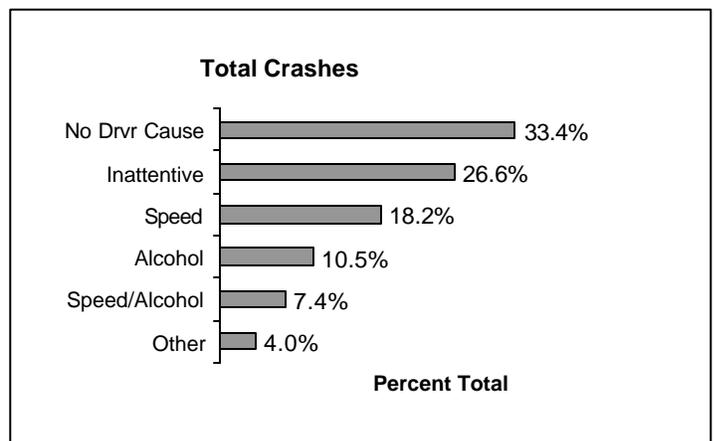
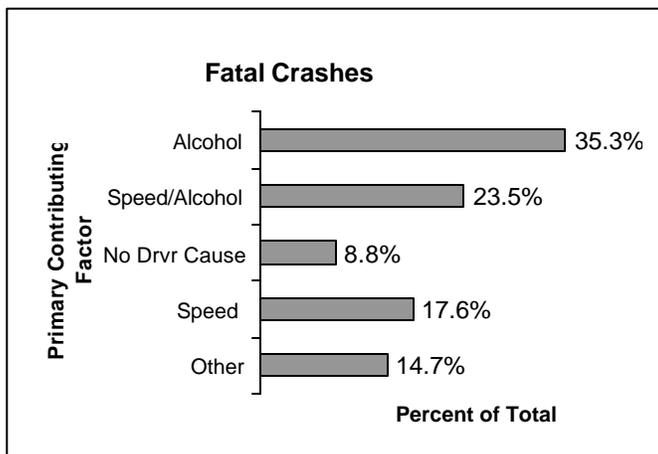
Age	Cyclists with an Instr. Permit or Endorsement	Percent of Licensed Cyclists	Percent of Cyclists in Age Group Involved In Crashes	Number of Cyclists in Age Group In Crashes	Percent of Total Cyclists in Crashes	Cyclists in Fatal Crashes	Cyclists in Injury Crashes	Cyclists in Property Damage Crashes
14 & under	0	N/A	N/A	4	0.18%	0	4	0
15	0	N/A	N/A	2	0.09%	0	1	1
16	112	0.03%	7.14%	8	0.36%	0	8	0
17	470	0.11%	3.83%	18	0.80%	0	13	5
18	935	0.23%	4.49%	42	1.87%	2	37	3
19	1,248	0.30%	4.73%	59	2.62%	2	45	12
20	1,863	0.45%	3.70%	69	3.07%	0	59	10
21	2,262	0.55%	3.63%	82	3.65%	1	74	7
22	2,715	0.66%	2.47%	67	2.98%	2	52	13
23	3,292	0.79%	1.70%	56	2.49%	3	43	10
24	3,462	0.84%	1.8%	64	2.84%	2	54	8
25-34	60,857	14.68%	0.78%	477	21.21%	12	404	61
35-44	128,414	30.99%	0.48%	610	27.12%	18	515	77
45-54	131,907	31.83%	0.34%	448	19.92%	27	372	49
55-64	54,973	13.27%	0.28%	151	6.71%	8	130	13
65-74	16,961	4.09%	0.14%	24	1.07%	0	22	2
75 and over	4,864	1.18%	0.19%	9	0.40%	1	8	0
unknown	0	0	N/A	59	2.62%	3	6	50
TOTALS	414,435	100.00%	N/A	2,249	100.00%	81	1,847	321

N/A= Not Applicable

Note: This table represents drivers only.

Source: WisDOT/DMV/Accident Database

2002 Single Unit Motorcycle Crashes Primary Contributing Factor



2002 - Motorcycle Crashes by Manner of Collision and Highway Class by Urban/Rural

Manner of Collision	Highway Class											TOTAL		
	Local Street/Road			County Highway		State Highway			Interstate System					
	Rural	Urban	Total	Rural	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
No Collision *	257	314	571	277	277	229	76	305	15	28	43	778	418	1,196
Angle	49	227	276	35	35	77	73	150	1	1	2	162	301	463
Rear End	23	84	107	31	31	55	57	112	4	15	19	113	156	269
Side swipe/same dir.	9	43	52	8	8	12	18	30	1	5	6	30	66	96
Head On	1	13	14	8	8	10	3	13	0	0	0	19	16	35
Side swipe opposite	14	19	33	6	6	4	5	9	0	0	0	24	24	48
Rear to Rear	0	0	0	0	0	1	0	1	0	0	0	1	0	1
Unknown	28	13	41	17	17	14	2	16	1	1	2	60	16	76
TOTAL	381	713	1,094	382	382	402	234	636	22	50	72	1,187	997	2,184

* No collision with another moving vehicle: i.e, colliding with a fixed object, a stationary vehicle, or without collision.

Rural = An unincorporated area or an incorporated area with a population under 5,000.

Urban = An incorporated area with a population of 5,000 or more.

Source: WisDOT/DMV/Accident Database

2002 - Vehicle Possible Contributing Circumstances in Motorcycle Crashes by Severity and Urban/Rural Location

Vehicle PCC's for Motorcycles	Crash Severity									Total Vehicle PCC's		
	Fatal			Injury			Property Damage					
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
Turn Signals	0	0	0	0	0	0	0	0	0	0	0	0
Tires	2	0	2	27	9	36	1	0	1	30	9	39
Brakes	0	0	0	5	5	10	1	4	5	6	9	15
Other	0	0	0	13	15	28	3	3	6	16	18	34
Head Lamps	1	0	1	3	0	3	0	1	1	4	1	5
Stop Lamps	0	0	0	0	0	0	0	0	0	0	0	0
Steering	0	0	0	8	2	10	0	0	0	8	2	10
Suspension	0	0	0	2	1	3	0	0	0	2	1	3
Other Disabled	0	0	0	4	1	5	2	1	3	6	2	8
Disabled prior crash	0	0	0	0	0	0	1	0	1	1	0	1
Tail Lamps	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3	0	3	62	33	95	8	9	17	73	42	115

Rural = An unincorporated area or an incorporated area with a population under 5,000.

Urban = An incorporated area with a population of 5,000 or more.

Note: The numbers in this table represent the number of times a given vehicle PCC was cited as a possible contributing circumstance for a motorcycle in a crash. They do not represent numbers of crashes.

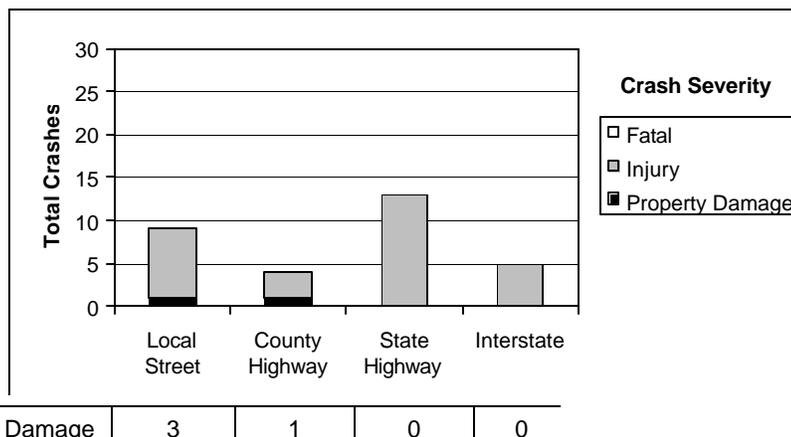
2002 Fixed Objects Struck in Single Unit Motorcycle Crashes

Type of Fixed Object	Fatal			Injury			Property Damage			TOTAL		
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
Ditch	4	0	4	135	11	146	14	1	15	153	12	165
Curb	1	0	1	21	67	88	0	5	5	22	72	94
Other Fixed Object	0	0	0	31	17	48	3	0	3	34	17	51
Tree	4	0	4	7	7	14	1	1	2	12	8	20
Embankment	0	0	0	6	0	6	0	0	0	6	0	6
Other Object (Not Fixed)	0	0	0	8	8	16	1	0	1	9	8	17
Mailbox	1	0	1	3	4	7	5	0	5	9	4	13
Guardrail Face	0	0	0	8	3	11	0	1	1	8	4	12
Traffic Sign Post	3	0	3	8	5	13	0	0	0	11	5	16
Other Post	1	0	1	4	1	5	0	1	1	5	2	7
Culvert	0	0	0	7	1	8	0	0	0	7	1	8
Utility Pole	3	0	3	4	1	5	0	1	1	7	2	9
Fence	1	2	3	10	2	12	1	1	2	12	5	17
Median Barrier	0	0	0	0	11	11	0	1	1	0	12	12
Light Support	0	1	1	0	2	2	0	0	0	0	3	3
Bridge/Pier/Abut	0	1	1	0	0	0	0	0	0	0	1	1
Bridge Rail	0	0	0	2	1	3	0	0	0	2	1	3
Unknown	0	0	0	6	5	11	1	1	2	7	6	13
TOTAL	18	4	22	260	146	406	26	13	39	304	163	467

Note: This report counts fixed objects struck, not crashes. There may have been more than one fixed object struck in some crashes.

Source: WisDOT/DMV/Accident Database

2002-Motorcycle Crashes in Work Zones by Highway Class and Crash Severity



Note: A work zone is "the area between the first advance warning sign and the point beyond the work area where traffic is no longer affected." ([Wisconsin Traffic Crash Facts](#))

Property Damage	3	1	0	0
Injury	8	3	13	5
Fatal	0	0	0	0

Source: WisDOT/DMV/Accident Database

2002 Motorcycle Crashes by Light, Weather and Road Conditions

Light Conditions

Light Conditions	Personal Property				TOTAL	
	Fatal	Injury	Damage	Total	Persons	Persons
	Crashes	Crashes	Crashes	Crashes	Killed	Injured
Daylight	40	1,275	188	1,503	49	1,523
Dark/Lighted	8	211	48	267	8	274
Dark	22	218	27	267	22	263
Dusk	2	60	14	76	2	71
Dawn	0	14	1	15	0	14
Unknown	0	3	4	7	1	4
TOTAL	72	1,781	282	2,135	82	2,149

Weather Conditions

Weather Conditions	Personal Property				TOTAL	
	Fatal	Injury	Damage	Total	Persons	Persons
	Crashes	Crashes	Crashes	Crashes	Killed	Injured
Clear	49	1,323	196	1,568	56	1,593
Cloudy	23	404	71	498	25	495
Rain	0	36	9	45	0	42
Snow	0	0	0	0	0	0
Fog/Smog/Smoke	1	8	0	9	1	8
Sleet/Hail	0	1	0	1	0	1
Crosswinds	0	1	1	2	0	2
Blowing sand/dirt/snow	0	0	0	0	0	0
Unknown	0	7	4	11	0	8
TOTAL	73	1,780	281	2,134	82	2,163

Road Conditions

Road Conditions	Personal Property				TOTAL	
	Fatal	Injury	Damage	Total	Persons	Persons
	Crashes	Crashes	Crashes	Crashes	Killed	Injured
Dry	71	1,612	258	1,941	80	1,955
Wet	1	71	14	86	1	80
Sand/Mud/ Dirt/Oil	0	26	2	28	0	27
Other	1	18	1	20	1	22
Snow/Slush	0	0	0	0	0	0
Ice	0	3	0	3	0	3
Unknown	0	6	3	9	0	7
TOTAL	73	1,736	278	2,087	82	2,094

2002 Drinking Motorcycle Drivers in Crashes by County and Age

County	Driver's Age						Total HBD Drivers	Total Crashes
	16-19	20-24	25-34	35-44	45-54	55-74		
ADAMS	0	0	0	1	0	1	2	2
ASHLAND	0	0	1	1	0	0	2	2
BARRON	0	1	0	1	0	0	2	2
BROWN	1	3	1	1	3	1	10	10
BUFFALO	0	0	1	3	0	0	4	4
BURNETT	0	0	0	2	0	1	3	3
CALUMET	0	0	1	1	0	0	2	2
CHIPPEWA	0	0	2	0	0	0	2	2
CLARK	0	0	0	0	1	0	1	1
COLUMBIA	0	0	0	0	3	0	3	3
DANE	0	3	7	7	2	0	19	19
DODGE	0	0	1	2	5	0	8	7
DOOR	0	0	2	0	0	0	2	2
DOUGLAS	0	1	1	2	0	0	4	4
EAU CLAIRE	0	0	1	1	0	0	2	2
FOND DU LAC	0	0	4	3	4	0	11	10
FOREST	0	0	1	1	0	0	2	2
GRANT	0	1	0	0	0	0	1	1
GREEN	0	0	0	1	0	0	1	1
GREEN LAKE	0	0	0	0	0	1	1	1
IOWA	0	0	0	2	1	0	3	3
JACKSON	0	0	0	0	1	0	1	1
JEFFERSON	0	0	0	2	0	0	2	2
JUNEAU	0	0	0	0	1	0	1	1
KENOSHA	0	3	5	6	2	1	17	17
KEWAUNEE	0	0	0	0	1	0	1	1
LA CROSSE	0	1	1	2	0	0	4	4
MANITOWOC	0	1	1	3	0	0	5	5
MARATHON	0	1	0	1	0	0	2	2
MARINETTE	0	0	2	2	0	1	5	5
MARQUETTE	0	0	0	1	2	0	3	3
MILWAUKEE	0	2	5	8	5	1	21	21
MONROE	0	1	0	0	0	0	1	1
OCONTO	0	1	2	0	0	0	3	3
ONEIDA	0	1	2	0	0	0	3	3
OUTAGAMIE	0	1	0	2	4	0	7	6
OZAUKEE	0	0	1	0	1	0	2	2
PIERCE	1	1	1	3	1	0	7	7
POLK	0	1	1	1	0	0	3	2
PORTAGE	0	0	1	1	1	0	3	3
RACINE	0	0	3	4	2	0	9	9
RICHLAND	0	0	0	0	1	0	1	1
ROCK	0	3	1	5	4	0	13	13
RUSK	0	0	0	0	1	0	1	1
ST. CROIX	0	2	2	2	1	0	7	7
SAUK	1	0	2	3	1	0	7	7
SAWYER	0	0	1	0	0	0	1	1
SHAWANO	0	0	0	0	2	0	2	2
SHEBOYGAN	0	0	2	5	0	1	8	8
TAYLOR	0	0	0	1	0	0	1	1
VERNON	0	0	2	1	0	0	3	3
VILAS	0	0	0	1	0	0	1	1
WALWORTH	0	0	2	3	2	0	7	7
WASHBURN	0	0	0	0	0	0	0	0
WASHINGTON	0	0	1	2	1	0	4	4
WAUKESHA	1	5	2	8	4	0	20	20
WAUPACA	0	0	2	1	1	0	4	4
WAUSHARA	0	0	0	0	0	0	0	0
WINNEBAGO	0	0	1	6	0	0	7	6
WOOD	0	0	2	1	1	0	4	4
TOTAL	4	33	68	104	59	8	276	271

HBD=Had Been Drinking -The two numbers (276 & 271) are not identical because some crashes may involve more than one motorcycle. Source: WisDOT/DMV/Accident Database

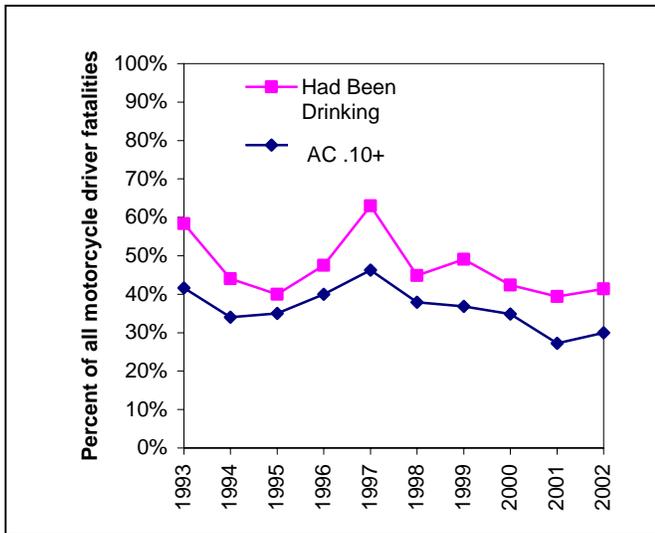
**2002 Alcohol-Related Crashes
by Time of Day and Day of Week
Motorcyclists Only
Total Injured - Total Killed**

Time of Day	Crashes by Day of Week							Total		
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Crashes	Killed	Injured
12-1 AM	8	2	1	2	2	3	3	21	4	25
1-2 AM	7	1	2	4	0	2	11	27	3	29
2-3 AM	4	0	2	2	0	6	5	19	1	25
3-4 AM	1	0	0	1	2	0	3	7	3	6
4-5 AM	0	0	0	0	1	0	1	2	1	1
5-6 AM	2	0	0	0	0	0	0	2	0	3
6-7 AM	0	0	0	0	1	0	0	1	0	1
7-8 AM	0	0	0	0	0	0	0	0	0	0
8-9 AM	0	0	0	0	0	0	0	0	0	0
9-10 AM	0	0	0	0	0	0	0	0	0	0
10-11 AM	0	0	0	2	0	0	1	3	0	4
11-12 Noon	0	0	0	0	0	0	1	1	0	1
12-1 PM	0	1	0	1	0	0	1	3	0	3
1-2 PM	2	0	0	0	0	1	1	4	2	4
2-3 PM	1	0	1	1	0	1	4	8	0	11
3-4 PM	0	0	0	0	0	1	4	5	0	6
4-5 PM	4	0	2	1	0	4	3	14	4	13
5-6 PM	2	2	1	2	1	2	7	17	1	19
6-7 PM	8	0	1	2	2	4	5	22	0	28
7-8 PM	6	1	3	2	2	4	10	28	2	30
8-9 PM	8	1	2	1	2	3	8	25	3	28
9-10 PM	1	0	2	1	3	4	1	12	2	16
10-11 PM	5	1	1	5	2	0	7	21	2	23
11-12 Midnight	2	3	3	4	2	3	6	23	3	26
Unknown	4	0	0	0	0	0	2	6	0	6
TOTAL	65	12	21	31	20	38	84	271	31	308
Percentage	24%	4%	8%	12%	7%	14%	31%	100%		

Note: This table represents crashes where the motorcyclist had been drinking. Time of day refers to a one hour interval.

Source: WisDOT/DMV/Accident Database

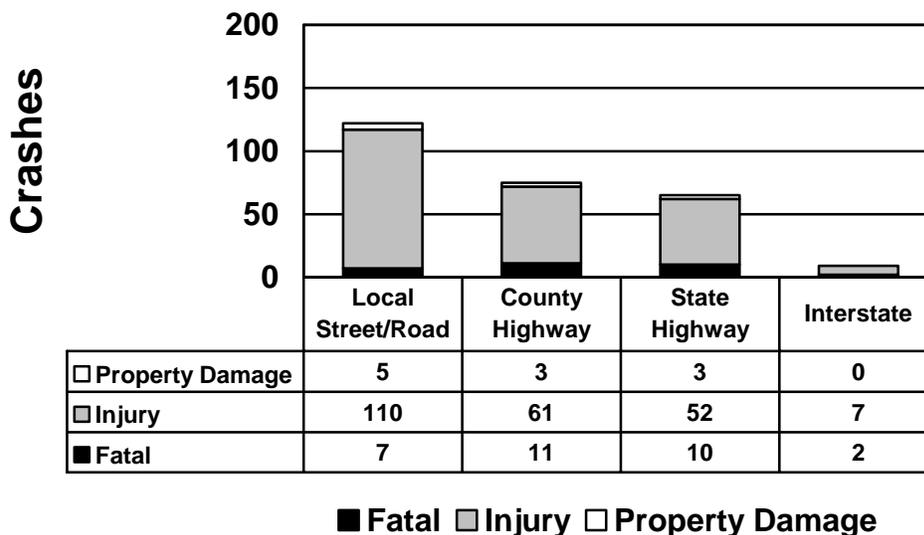
1993-2002 Alcohol Concentration (AC) Test Results of Motorcycle Driver Fatalities



Year	Motorcycle Driver Fatalities	Alcohol Concentration			Had Been Drinking
		Negative or Unknown	.01-.09	.10+	
1993	36	15	6	15	58.3%
1994	50	28	5	17	44.0%
1995	40	24	2	14	40.0%
1996	40	21	3	16	47.5%
1997	54	20	9	25	62.9%
1998	58	32	4	22	44.8%
1999	57	29	7	21	49.1%
2000	66	37	5	24	43.9%
2001	62	36	8	18	41.9%
2002*	70	40	8	22	42.9%
Total	533	282	57	194	47.1%
%	100%	52.9%	10.7%	36.4%	47.1%

* Alcohol test results for crash on 10/12/02 were submitted later in 2003. Therefore, this chart may be different than similar charts found in other WisDOT publications.

2002- Alcohol-Related Motorcycle Crashes by Highway Class and Crash Severity



Source: WisDOT/DMV Accident Database

Note: This chart includes only crashes where the motorcyclist had been drinking.

2002 Safety Equipment Use on Motorcycles by Injury Severity and Seat Position

Injury Severity	Seat Position by Safety Equipment Use									
	Driver					Passenger				
	Helmet Worn	*Eye Prot	None	Unk/ Other	TOTAL	Helmet Worn	*Eye Prot	None	Unk/ Other	TOTAL
Nonincapacitating	302	385	173	60	920	33	52	36	7	128
Incapacitating	140	203	127	32	502	18	36	18	4	76
Possible	126	121	60	40	347	20	14	16	4	54
Not Injured	104	130	58	98	390	9	19	10	3	41
Killed	12	35	20	3	70	2	3	1	1	7
TOTAL	684	874	438	233	2,229	82	124	81	19	306

Injury Severity	Side Car					TOTAL				
	Helmet Worn	*Eye Prot	None	Unk/ Other	TOTAL	Helmet Worn	*Eye Prot	None	Unk/ Other	TOTAL
	Nonincapacitating	0	1	0	0	1	335	438	209	67
Incapacitating	0	0	0	0	0	158	239	145	36	578
Possible	0	0	0	0	0	146	135	76	44	401
Not Injured	0	0	0	0	0	114	149	68	101	432
Killed	0	0	0	0	0	15	38	21	4	78
TOTAL	0	1	0	0	1	768	999	519	252	2,538

Prot = Protection

Unk = Unknown

*Eye protection is required by law. Those riders designated as wearing eye protection were NOT wearing helmets. Wisconsin law waives eye protection if the windshield is of sufficient height; those riders may be designated as NONE.
 Note: This report counts only those motorcyclists for whom seat location was recorded on the accident report form.
 Source: WisDOT/DMV/Accident Database

2002 Motorcyclists Injured by Age and Role by Safety Equipment Use

Age	Driver					Passenger				
	Helmet Worn	*Eye Protection	None	Unknown/Other	Total	Helmet Worn	*Eye Protection	None	Unknown/Other	Total
1-4	0	1	0	0	1	2	2	3	1	8
5-9	0	0	0	0	0	6	1	0	0	7
10-14	1	1	1	0	3	7	1	0	1	9
15	0	0	0	0	0	0	0	0	0	0
16	0	0	1	0	1	2	1	0	0	3
17	3	1	3	1	8	0	2	0	0	2
18	10	2	1	0	13	0	1	3	0	4
19	20	10	4	1	35	2	4	0	0	6
20	14	17	8	6	45	2	4	6	0	12
21	24	18	8	3	53	0	7	1	2	10
22	28	19	22	2	71	1	1	2	0	4
23	22	13	8	7	50	1	3	4	0	8
24	17	9	10	5	41	1	6	0	0	7
25-34	18	14	14	4	50	1	1	1	0	3
35-44	110	166	86	35	397	4	16	20	4	44
45-54	122	222	107	41	492	13	29	18	4	64
55-64	117	149	69	22	357	18	17	8	3	46
65-74	50	53	15	4	122	9	4	4	0	17
75-84	11	8	3	0	22	2	2	0	0	4
85 and Over	1	6	0	1	8	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0
TOTAL	568	709	360	132	1,769	71	102	70	15	258

Age	Side Car					TOTAL				
	Helmet Worn	*Eye Protection	None	Unknown/Other	Total	Helmet Worn	*Eye Protection	None	Unknown/Other	Total
1-4	0	0	0	0	0	2	3	3	1	9
5-9	0	0	0	0	0	6	1	0	0	7
10-14	0	0	0	0	0	8	2	1	1	12
15	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	2	1	1	0	4
17	0	0	0	0	0	3	3	3	1	10
18	0	0	0	0	0	10	3	4	0	17
19	0	0	0	0	0	22	14	4	1	41
20	0	0	0	0	0	16	21	14	6	57
21	0	0	0	0	0	24	25	9	5	63
22	0	0	0	0	0	29	20	24	2	75
23	0	0	0	0	0	23	16	12	7	58
24	0	0	0	0	0	18	15	10	5	48
25-34	0	0	0	0	0	19	15	15	4	53
35-44	0	0	0	0	0	114	182	106	39	441
45-54	0	0	0	0	0	135	251	125	45	556
55-64	0	1	0	0	1	135	167	77	25	404
65-74	0	0	0	0	0	59	57	19	4	139
75-84	0	0	0	0	0	13	10	3	0	26
85 and over	0	0	0	0	0	1	6	0	1	8
Unknown	0	0	0	0	0	0	0	0	0	0
TOTAL	0	1	0	0	1	639	812	430	147	2,028

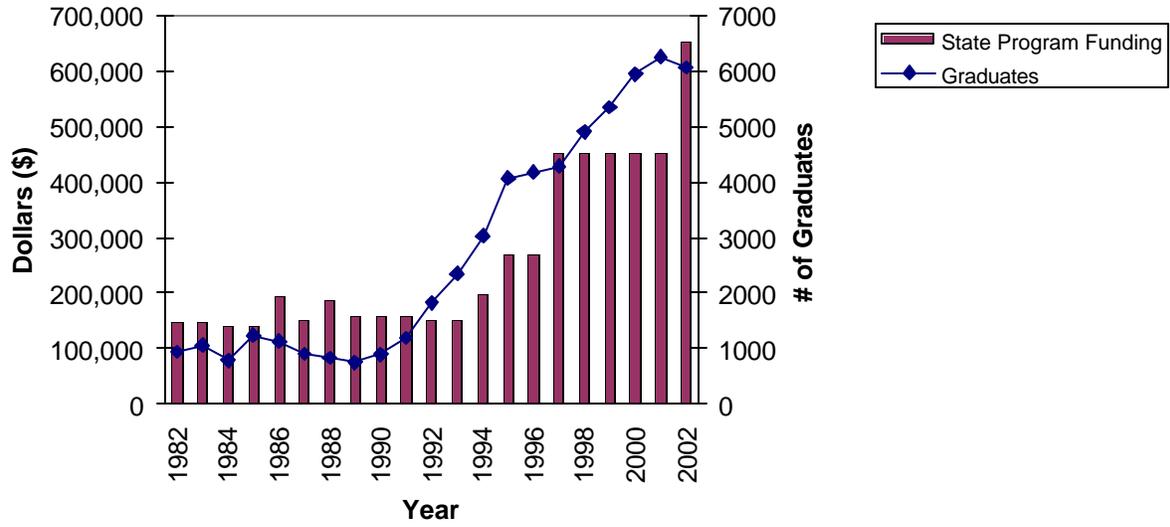
Note: This report counts only those motorcyclists for whom seat location was known. Wisconsin law waives eye protection if the windshield is of sufficient height; those riders may be designated as NONE.

**2002- Driver Possible Contributing Circumstances by
Crash Severity and Urban/Rural Location
for Motorcyclists**

Driver PCC's	Crash Severity									Total Driver PCC's		
	Fatal			Injury			Property Damage					
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
Failure to Control	23	4	27	316	202	518	27	25	52	366	231	597
Too Fast for Conditions	12	1	13	120	53	173	11	9	20	143	63	206
Driver Condition	11	3	14	107	54	161	5	5	10	123	62	185
Inattentive Driving	7	0	7	97	57	154	15	13	28	119	70	189
Exceeding Speed Limit	9	4	13	62	71	133	1	6	7	72	81	153
Following Too Close	3	0	3	33	37	70	9	7	16	45	44	89
Fail to Yield Right of Way	0	3	3	15	21	36	3	10	13	18	34	52
Improper Overtake	3	0	3	16	10	26	1	2	3	20	12	32
Left of Center	2	0	2	13	2	15	0	2	2	15	4	19
Disregard Traffic Control	1	1	2	7	9	16	3	1	4	11	11	22
Improper Turn	0	0	0	10	7	17	1	2	3	11	9	20
Unsafe Backing	0	0	0	0	0	0	0	1	1	0	1	1
Physically Disabled	0	0	0	0	1	1	0	0	0	0	1	1
Other	3	2	5	38	34	72	1	5	6	42	41	83
TOTAL	74	18	92	834	558	1,392	77	88	165	985	664	1,649

Note: The numbers in this table represent the number of times a given driver PCC was cited as a possible contributing circumstance for a driver in a crash. These numbers do not represent numbers of crashes.

1982-2002 State Motorcycle Safety Program Funding and Motorcycle Basic Safety Course Graduates



Source: WisDOT BOTs/Motorcycle Program Database.

2002 Fatally Injured Motorcyclists

DAY OF WEEK	DATE	TIME OF DAY	DRIVER OR PASSENGER	AGE & SEX	SAFETY EQUIPMENT	CAUSE OF DEATH	ALCOHOL	NARRATIVE	TYPE OF CYCLE	TYPE OF ROAD*	PCCS*	ENDORSEMENT STATUS
WED	1/9	6:25 PM	DRIVER	35 Male	Eye	Head trauma	TNG	N/B motorcycle crashed into S/B car making left turn into driveway	00 Harley Davidson	LOCAL	NONE	VALID
SAT	4/13	4:47 AM	DRIVER	40 Male	Eye	Skull fracture	0.23	Motorcycle struck deer	96 Harley Davidson	HWY	12	VALID
TUES	4/16	12:30 AM	DRIVER	23 Male	Helmet/Eye	Multiple traumatic injuries	NEG	Motorcyclist lost control at curve/hit concrete barrier/driver ejected	99 Yamaha	STH	11	NOT VALID
MON	4/29	10:32 PM	DRIVER	44 Male	None	Multiple traumatic injuries	TNG	Motorcyclist was eluding law/lost control at curve/struck curb/driver ejected	89 Harley Davidson	HWY	1,2,11	NOT VALID
MON	4/29	5:34 PM	DRIVER	49 Male	Eye	Head trauma	TNG	Auto turned in motorcycle's path/collided	98 Honda	STH	NONE	VALID
SAT	5/4	11:14 PM	DRIVER	51 Male	None	Head/neck trauma	0.19	Motorcyclist excessively applied brakes/lost control/entered ditch/driver ejected/hit sign	97 Honda	HWY	11,12	VALID
THURS	5/16	7:43 AM	DRIVER	56 Male	Helmet/Eye	Head/chest trauma	NEG	Motorcyclist ran stop sign/motorcycle crashed into dump truck	01 Kawasaki	LOCAL	2,8	VALID
FRI	5/24	8:45 PM	DRIVER	47 Male	Eye	Head trauma	NEG	Motorcyclist lost control at corner/driver ejected	99 Harley Davidson	HWY	2,11	VALID
SAT	6/1	4:44 PM	DRIVER	31 Male	Eye	Neck/internal injuries	0.04	E/B auto turned into W/B motorcycle's path/auto struck motorcycle	Yamaha 2000	STH	12	VALID
SUN	6/2	12:09 AM	DRIVER	36 Male	Eye	Head trauma	0.17	S/B motorcycle drove into auto turning left onto N/B lane	96 Harley Davidson	STH	1,12	VALID
SAT	6/8	3:30 AM	DRIVER	35 Male	Eye	Skull/facial trauma	0.21	Motorcyclist lost control/hit wall/crashed at interchange	00 BMW	IH	12	NOT VALID
SUN	6/9	7:27 PM	DRIVER	35 Male	Eye	Multiple injuries	0.14	E/B motorcycle crossed centerline/collided headon w/W/B auto/motorcycle driver ejected	93 Harley Davidson	STH	7	VALID
SUN	6/9	10:55 AM	DRIVER	57 Female	Helmet/Eye	Internal injuries	NEG	Motorcyclist lost control on loose gravel/skidded on shoulder/rolled over into ditch/driver ejected	85 Honda	HWY	11	VALID
SUN	6/9	11:45 AM	DRIVER	57 Male	None	Head/internal injuries	NEG	S/B truck turned left into N/B motorcycle's path	78 Honda	STH	NONE	VALID
SUN	6/9	4:15 PM	DRIVER	41 Male	Eye	Abdominal trauma	0.13	Auto turned left in motorcycle's path/motorcycle hit auto	99 Harley Davidson	HWY	NONE	VALID
TUES	6/11	9:11 PM	DRIVER	24 Male	None	Head trauma	0.11	Motorcyclist traveling at high speed lost control/struck sign post/driver ejected	01 Suzuki	LOCAL	1,11,12	VALID
THURS	6/13	3:37 AM	DRIVER	22 Male	None	Head trauma	0.10	Motorcyclist failed to turn at end of street/driver ejected & found next to fence on sidewalk	02 Honda	LOCAL	1,8,11,12	VALID
FRI	6/21	7:17 PM	DRIVER	19 Male	Helmet/Eye	Blunt trauma	NEG	E/B stolen motorcycle eluding police skidded 86 feet prior to striking S/B truck on right side	97 Honda	LOCAL	1,2,3,14	NOT VALID
SUN	6/23	3:51 PM	DRIVER	18 Male	Unknown	Internal injuries	NEG	Motorcyclist lost control at curve/went on to shoulder & continued into grassy area/driver ejected	94 Yamaha	STH	1,2,8,11,14	VALID
SUN	6/23	12:28 AM	DRIVER	50 Male	Eye	Head trauma	0.27	Motorcyclist lost control at curve/left road/went into ditch/motorcycle flipped/driver ejected	92 Harley Davidson	LOCAL	2,12	NOT VALID
TUES	6/25	4:55 PM	DRIVER	26 Male	Eye	Head/Chest Injuries	0.12	Motorcyclist lost control on highway/entered ditch/motorcycle was airborne/driver ejected	95 Yamaha	STH	1,11	NOT VALID
TUES	6/25	6:46 PM	PASSENGER	43 Female	None	Head trauma	NEG	Motorcycle driver applied brakes/swerved to miss a deer/occupants ejected	99 Harley Davidson	LOCAL	NONE	VALID
FRI	6/28	1:03 AM	DRIVER	45 Male	Eye	Skull fracture	0.10	Motorcycle struck deer/driver ejected	96 Harley Davidson	HWY	12	NOT VALID
SAT	6/29	12:43 PM	DRIVER	45 Male	Eye	Multiple traumatic injuries	TNG	Auto turned left into motorcycle's path/motorcycle struck auto/motorcycle driver ejected	84 Yamaha	HWY	NONE	VALID
SAT	6/29	6:15 PM	DRIVER	46 Male	Eye	Bleed to death/Head	TNG	Motorcycle left roadway/struck marker post/driver ejected	97 Honda	STH	1,4	VALID

2002 Fatally Injured Motorcyclists

DAY OF WEEK	DATE	TIME OF DAY	DRIVER OR PASSENGER	AGE & SEX	SAFETY EQUIPMENT	CAUSE OF DEATH	ALCOHOL	NARRATIVE	TYPE OF CYCLE	TYPE OF ROAD*	PCCS*	ENDORSEMENT STATUS
SUN	6/30	12:05 PM	DRIVER	49 Male	Helmet	Head trauma	NEG	Auto into mcs' lane/auto struck 1st mc headon/2nd mc side swiped auto/mc rolled/driver ejected	01 Harley Davidson	STH	NONE	VALID
SUN	6/30	12:05 PM	PASSENGER	50 Female	Helmet	N.A.	N.A.	Auto into mcs' lane/auto struck 1st mc headon/2nd mc side swiped auto/mc rolled/driver ejected	01 Harley Davidson	STH	NONE	VALID
SUN	6/30	12:05 PM	PASSENGER	50 Female	Helmet	Head	NEG	Auto into mcs' lane/auto struck 1st mc headon/2nd mc side swiped auto/mc rolled/driver ejected	01 Harley Davidson	STH	NONE	VALID
WED	7/3	1:00 AM	DRIVER	57 Male	None	Head/neck trauma	0.09	Motorcycle left roadway over curb/struck fence/driver ejected	99 Harley Davidson	HWY	14,12	VALID
WED	7/3	3:45 PM	DRIVER	43 Male	Eye	Head trauma	0.08	S/B semi drifted left in median/rolled over/blocked N/B & S/B lanes/collided w/mc & van	99 Harley Davidson	IH	12	VALID
WED	7/3	11:34 PM	DRIVER	44 Male	Eye	Multiple traumatic injuries	0.09	Operator of jeep fell asleep/crossed centerline/collided first w/truck then w/mc/mc driver ejected	88 Harley Davidson	USH	12	VALID
SAT	7/6	7:46 PM	DRIVER	27 Male	None	Multiple traumatic injuries	0.01	Motorcycle traveling at high speed into setting sun collided into rear of farm tractor at top of hill	00 Yamaha	LOCAL	1	VALID
FRI	7/12	5:25 PM	DRIVER	51 Male	None	Head/chest trauma	NEG	Failed to negotiate curve/lost control in gravel/driver ejected/struck mail box	95 Honda	HWY	4	VALID
SAT	7/13	1:53 PM	DRIVER	60 Male	Helmet/Eye	Head trauma	TNG	Motorcyclist lost control on curve/motorcycle overturned/motorcycle driver ejected	79 Yamaha	STH	2,11	VALID
THURS	7/18	9:32 PM	DRIVER	51 Male	Eye	Head trauma	TNG	Motorcycle struck deer	80 Honda	STH	NONE	VALID
WED	7/24	10:17 PM	DRIVER	28 Male	Eye	Multiple traumatic injuries	NEG	Pickup truck made left turn into motorcycle's path/collided	85 Yamaha	HWY	NONE	VALID
SAT	7/27	3:58 PM	DRIVER	18 Male	Eye	Head trauma	NEG	Pickup truck pulled out from private drive in front of motorcycle/collided	92 Yamaha	LOCAL	NONE	NOT VALID
SUN	7/28	5:36 PM	DRIVER	42 Male	Eye	Lung injury/fractures	NEG	Motorcycle skidded on roadway/lost control to avoid hitting pickup truck in mc's path	00 Harley Davidson	HWY	1,11	VALID
SUN	7/28	10:41 AM	DRIVER	34 Male	None	Head/Chest	NEG	Pickup truck did not see oncoming motorcycle at intersection/pulled out/ collided with/mc	00 Honda	STH	NONE	VALID
WED	7/31	10:35 AM	DRIVER	38 Female	Unknown	Multiple skeletal injuries	NEG	Auto crossed centerline/hit motorcycle/driver and passenger ejected	96 Honda	USH	NONE	VALID
WED	7/31	10:35 AM	PASSENGER	16 Female	Unknown	Head trauma	NEG	Auto crossed centerline/hit motorcycle/driver and passenger ejected	96 Honda	USH	NONE	VALID
THURS	8/15	9:48 AM	DRIVER	19 Male	None	Head trauma	TNG	MC struck slow-moving farm equip. while attempting to overtake it on left/lost control/left road. etc.	99 Suzuki	LOCAL	9,11	VALID
THURS	8/15	7:58 PM	DRIVER	46 Female	Eye	Skull fracture	0.09	W/B auto struck N/B motorcycle at intersection	80 Honda	LOCAL	3	VALID
FRI	8/16	3:36 PM	DRIVER	48 Male	Eye	Multiple internal injuries	TNG	W/B motorcycle collided w/auto that pulled out to go N/B from stop	89 Harley Davidson	LOCAL	NONE	VALID
SUN	8/18	8:00 PM	DRIVER	47 Male	Eye	Skull/neck fractures	0.20	Motorcyclist failed to negotiate curve/left roadway into ditch/motorcycle rolled/driver ejected	00 Harley Davidson	HWY	2,11,12	VALID
FRI	8/23	4:47 PM	DRIVER	24 Male	Helmet/Eye	Trauma to the chest	TNG	Auto pulled out into path of motorcycle at stop sign/motorcycle struck side of auto	01 Kawasaki	STH	NONE	VALID
SAT	8/24	4:55 PM	DRIVER	26 Female	Eye	Skull fracture/internal injuries	0.12	MC passed mc/tried to stop but struck passenger's leg on that mc/lost control/struck guardrail	97 Honda	STH	4,5,9,11,12	VALID
SUN	8/25	7:00 PM	DRIVER	49 Male	Eye	Head/Multiple injuries	NEG	Motorcycle drove off roadway after rounding curve/exact cause unknown	01 Kawasaki	LOCAL	NONE	VALID
MON	8/26	4:35 PM	DRIVER	39 Male	Eye	Multiple traumatic injuries	NEG	E/B auto turning left at median to go N/B collided with N/B motorcycle	99 Harley Davidson	STH	NONE	VALID
SAT	8/31	11:59 PM	DRIVER	22 Male	None	Multiple traumatic injuries	0.19	Motorcycle left roadway at turn/hit pole/slid on ground	02 Harley Davidson	STH	1,2,11,12	VALID

2002 Fatally Injured Motorcyclists

DAY OF WEEK	DATE	TIME OF DAY	DRIVER OR PASSENGER	AGE & SEX	SAFETY EQUIPMENT	CAUSE OF DEATH	ALCOHOL	NARRATIVE	TYPE OF CYCLE	TYPE OF ROAD*	PCCS*	ENDORSEMENT STATUS
SUN	9/1	2:30 AM	DRIVER	43 Male	None	Chest trauma	TNG	Motorcyclist failed to negotiate curve/entered patch of woods/struck tree branch/driver ejected	93 Harley Davidson	HWY	12	VALID
MON	9/2	1:39 PM	DRIVER	54 Male	Eye	Injuries to head, chest, extremities	NEG	Pickup failed to yield to truck/struck it causing it to go out of control into path of mc. hit parked vehicle	00 Harley Davidson	HWY	NONE	VALID
MON	9/2	1:39 PM	PASSENGER	53 Female	Eye	Injuries to head/chest/pelvic areas	TNG	Pickup failed to yield to truck/struck it causing it to go out of control into path of mc. hit parked vehicle	00 Harley Davidson	HWY	NONE	VALID
SAT	9/7	10:45 AM	DRIVER	26 Male	Eye	Injuries to head/neck/chest	TNG	Motorcycle struck pickup at intersection/motorcycle spun clockwise/came to rest	96 Yamaha	HWY	NONE	VALID
SUN	9/8	8:49 PM	DRIVER	38 Female	None	Head trauma	0.17	Motorcycle missed 90 degree curve and left roadway	96 Suzuki	LOCAL	11,12	VALID
SUN	9/8	1:51 PM	PASSENGER	46 Female	Eye	Multiple traumatic injuries	0.16	Motorcyclist failed to negotiate curve/struck sign post and tree	77 Harley Davidson	HWY	2,12	NOT VALID
SUN	9/8	1:51 PM	DRIVER	52 Male	Eye	Chest trauma	0.22	Motorcyclist failed to negotiate curve/struck sign post and tree	77 Harley Davidson	HWY	2,12	NOT VALID
THURS	9/12	12:23 PM	DRIVER	80 Male	None	Head/Chest Injuries	NEG	Tire came off slower moving veh mc attempted to pass/mc into ditch/overturned/occupants ejected	93 Honda	USH	14	VALID
FRI	9/13	2:10 PM	PASSENGER	48 Female	Eye	Head trauma	NEG	Motorcyclist lost control/locked brakes/skidded/motorcycle fell/driver & passenger ejected	88 Harley Davidson	STH	4,11	INFO N/A
SUN	9/15	8:49 AM	DRIVER	39 Male	None	Head/Body Trauma	0.18	Motorcyclist failed to negotiate curve/left roadway/struck power pole/driver ejected	85 Harley Davidson	HWY	11,12	VALID
SAT	9/21	4:14 PM	PASSENGER	56 Female	Helmet	Multiple traumatic injuries	NEG	S/B motorcyclist failed to negotiate curve/entered N/B lane/struck truck head on	80 Suzuki	HWY	11	VALID
SAT	9/21	4:14 PM	DRIVER	57 Male	Helmet/Eye	Multiple traumatic injuries	NEG	S/B motorcyclist failed to negotiate curve/entered N/B lane/struck truck head on	80 Suzuki	HWY	11	VALID
WED	9/25	5:03 AM	DRIVER	45 Male	Helmet	Chest trauma	NEG	Motorcycle struck van at intersection/van had stop sign	85 Kawasaki	USH	NONE	VALID
TUES	10/1	11:49 AM	DRIVER	52 Male	None	Head/Chest injuries	NEG	Auto turned in front of motorcycle/collided	01 Harley Davidson	USH	NONE	VALID
WED	10/9	10:14 PM	DRIVER	46 Male	Helmet/Eye	Chest and internal injuries	NEG	N/B auto crossed center line/struck S/B motorcycle/pushed motorcycle onto N shoulder	02 Harley Davidson	STH	NONE	VALID
WED	10/9	11:30 PM	DRIVER	25 Male	Eye	Head trauma	0.23	Motorcyclist lost control rounding curve/entered ditch/driver ejected	98 Harley Davidson	USH	11	NOT VALID
FRI	10/11	2:19 PM	DRIVER	56 Male	Eye	Head trauma	Unknown	Motorcyclist lost control on curve/bike turned over onto roadway	01 Honda	HWY	2	VALID
FRI	10/11	4:13 PM	DRIVER	23 Male	Helmet	Head/Chest	0.02	S/B mc lost control/crossed center line/hit N/B truck/returned S/B/2nd S/B mc hit ejected driver	99 Suzuki	HWY	7,11	VALID
SAT	10/12	1:00 AM	DRIVER	49 Male	None	Head/trunk injuries	0.16	Motorcyclist failed to negotiate curve/entered ditch/struck utility pole/driver ejected	96 BMW	HWY	11,12	VALID
SAT	10/12	12:54 AM	DRIVER	45 Male	Eye	Head/chest trauma	0.45	Motorcycle struck deer/driver ejected	67 Harley Davidson	HWY	12	VALID
SAT	10/26	5:38 PM	DRIVER	47 Male	Eye	Head trauma	0.12	Motorcyclist left road/drove into gravel/lost control/crashed onto shoulder/entered ditch	95 Harley Davidson	HWY	11,12	VALID
SUN	10/27	1:30 AM	DRIVER	39 Male	None	Head/chest trauma	0.16	Motorcyclist failed to negotiate curve/entered ditch/struck tree/driver ejected	99 Harley Davidson	LOCAL	1,12	VALID
THURS	11/7	4:01 PM	DRIVER	30 Male	None	Head/Neck/Chest trauma	None	Motorcycle drove from parking lot onto street into path of auto/auto struck ejected mc driver	93 Honda	LOCAL	3	VALID
FRI	11/8	8:26 PM	DRIVER	45 Female	Eye	Multiple traumatic injuries	Unknown	N/B motorcycle tried to pass N/B auto turning left/motorcycle was in a no-passing zone	95 Harley Davidson	HWY	9,12	VALID
FRI	11/8	8:44 PM	DRIVER	38 Male	Eye	Head trauma	0.04	Motorcyclist collided with pickup truck after truck turned in front of motorcycle	00 Harley Davidson	STH	NONE	VALID

2002 Fatally Injured Motorcyclists

DAY OF WEEK	DATE	TIME OF DAY	DRIVER OR PASSENGER	AGE & SEX	SAFETY EQUIPMENT	CAUSE OF DEATH	ALCOHOL	NARRATIVE	TYPE OF CYCLE	TYPE OF ROAD*	PCCS*	ENDORSEMENT STATUS
SAT	11/9	2:49 PM	DRIVER	54 Male	None	Head trauma	TNG	1st mc hit gravel shoulder/to avoid impending crash, 2nd/3rd mcs lost control/all crashed into ditch	96 Harley Davidson	HWY	2,4,11,12	VALID
SAT	11/9	2:49 PM	DRIVER	43 Male	None	Head trauma	TNG	1st mc hit gravel shoulder/to avoid impending crash, 2nd/3rd mcs lost control/all crashed into ditch	01 Harley Davidson	HWY	2,4,5,11,12	VALID
SUN	11/10	12:50 PM	DRIVER	56 Male	Helmet/Eye	Multiple traumatic injuries	None	Auto pulled out from stop sign into path of motorcycle/motorcycle struck auto	85 Kawasaki	USH	NONE	INFO N/A

Legend

- | | | |
|---------------------------------|--|--|
| <p>Alcohol</p> <p>Narrative</p> | <p>NEG = Negative</p> <p>TNG = Test Not Given</p> <p>THC = Marijuana Metabolites present</p> <p>AC = Alcohol Concentration</p> <p>HWY = County Highway</p> <p>STH = State Highway</p> <p>USH = US Highway</p> <p>IH = Interstate Highway</p> | <p>Possible Contributing (PCCs) - of cycle driver</p> <p>1 = Exceeding speed limit</p> <p>2 = Speed fast/comdition</p> <p>3 = Fail to yield right of way</p> <p>4 = Inattentive driving</p> <p>5 = Following too closely</p> <p>6 = Improper turn</p> <p>7 = Left of Center</p> <p>8 = Disregarded traffic control</p> <p>9 = Improper overtaking</p> <p>11 = Failure to have control</p> <p>12 = Driver condition</p> <p>14 = Other</p> |
|---------------------------------|--|--|

valid/not valid pertains to drive

Note: Cause of death column information was taken from coroner's reports when reported.

Source: WisDOT/DMV/Traffic Accident Section

BASIC RiderCourse

For many people, motorcycling is a fun and energy-efficient means of transportation or recreation. However, motorcycling requires skill, concentration, and reasonable precautions. Although it is possible to learn to ride a cycle on your own, trial and error is a tough teacher of motorcycling skills. That's why virtually all motorcycling groups have endorsed the Motorcycle Safety Foundation's Basic RiderCourse (BRC): Riding and Street Skills (MRC: RSS) for beginning riders and the Experienced Rider Course (ERC) for advanced riding skills.

The BRC is designed for beginning riders. It was developed by the Motorcycle Safety Foundation and approved by the Wisconsin Department of Transportation. It consists of six hours of classroom and ten hours of on-cycle instruction including the following: preparing to ride; turning, shifting, and braking; street strategies; special situations; increasing riding skills; maintenance and insurance.

Rider Coaches (instructors) for the course are all certified by the Motorcycle Safety Foundation and approved by the Wisconsin Department of Transportation. All are motorcycle riders and have completed 60-plus hours of Rider Coach training.

(Taken from *Motorcycle Rider Course* pamphlet. For more information call 1-800-DOT-WMSP.)

SOURCES FOR MORE INFORMATION

Wisconsin Motorcycle Safety Program
Bureau of Transportation Safety
Wisconsin Department of Transportation
4802 Sheboygan Avenue, Room 951
Madison, Wisconsin 53707-7936
(608) 266-7885
e-mail: ron.thompson@dot.state.wi.us
Web site: www.dot.wisconsin.gov/modes/motorcycles.htm

Motorcycle Safety Foundation
National Headquarters
2 Jenner Street, Suite 150
Irvine, California 92618-3806
(949) 727-3227
e-mail: safe_cycling@msf-usa.org
Web site: www.msf-usa.org

American Motorcyclist Association
13515 Yarmouth Dr
Pickerington, Ohio 43147
(614) 856-1900
Web site: www.ama-cycle.org

National Association of State Motorcycle
Safety Administrators
7881 South Wellington Street
Centennial Colorado 80122-3193
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Web site: www.smsa.org

National Highway Traffic Safety
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400 Seventh Street SW
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