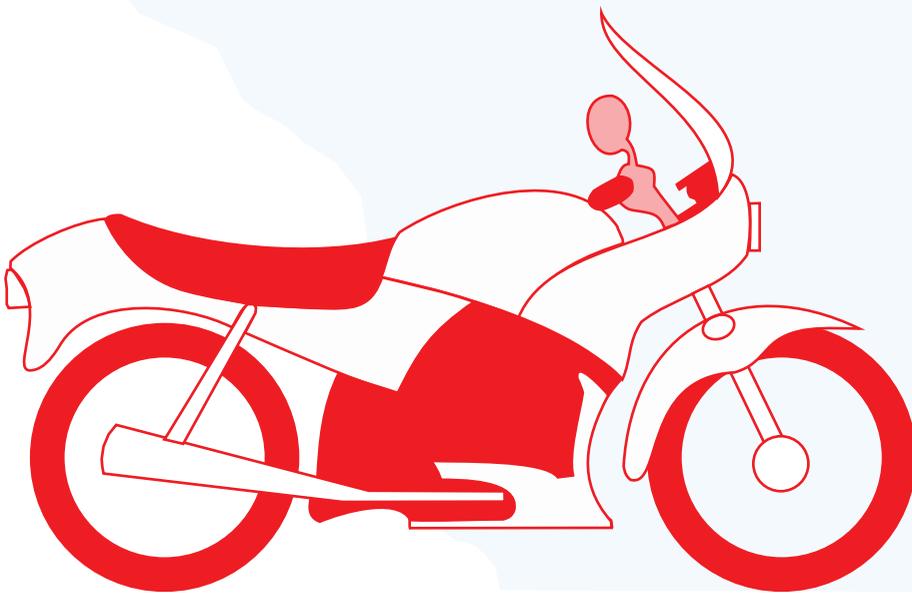


2003 WISCONSIN MOTORCYCLE SAFETY FACTS BOOK





Wisconsin Department of Transportation

www.dot.wisconsin.gov

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September 27, 2004

Dear Traffic Safety Advocate:

The Department of Transportation's Bureau of Transportation Safety is happy to provide you with a copy of the "2003 Wisconsin Motorcycle Safety Facts Book". The 2003 data contained in this book is the most current available at this time.

This publication includes a wealth of motorcycle crash data and general motorcycling information, which assists our department 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. We face serious challenges, and the commitment to reduce 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.

To obtain further program information or additional copies, please contact Ron Thompson.

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Sincerely,

A handwritten signature in cursive script that reads "Frank J. Busalacchi".

Frank J. Busalacchi
Secretary

2003 MOTORCYCLE SAFETY AT A GLANCE

- In 2003, there were 4.1 registered motorcycles for every 100 Wisconsin residents. In ten years, the number of residents holding a Class M endorsement (motorcycle license) has increased by 24% from 337,824 in 1994 to 418,444 in 2003.
- In 2003, 100 motorcyclists, including passengers, were killed in traffic crashes compared to 78 in 2002, a 28.2% increase. This figure is also 75% higher than the 57 fatalities which occurred in 1994
- 2,408 motorcyclists were injured on Wisconsin roads in 2003. That represents a 17.5% increase from the 2,049 injured in 2002 and a 9.1% increase from 1994. An additional 148 non-motorcyclists were injured in crashes involving motorcycles in 2003.
- While cyclists between ages 35 and 54 account for 62.2% of licensed motorcyclists, they accounted for only 48.3% of motorcyclists in crashes in 2003. 16-24 year olds account for only 4.7% of the licensed motorcyclists, but account for 18.8% of those in crashes in 2003.
- Since 1995, cyclists in the 45 and older age group experienced the largest increase in the number of fatalities of any age group. In 2003, 39 cyclists in this group were killed compared to five in 1995. This represents an almost eight-fold increase.
- Alcohol and/or speed were the primary contributing factors in 67% of fatal single unit motorcycle crashes in 2003 and in 35% of all single unit crashes.
- There were 306 alcohol-related motorcycle crashes in 2003. Of these, 266 or 86.9% occurred between 4 p.m. and 4 a.m.
- In 2003, only 3% of passenger car/deer crashes and 1% of utility truck/deer crashes resulted in death or injury to a motor vehicle occupant. 84.9% of motorcycle/deer crashes resulted in death or injury to a motorcyclist.
- Motorcycle helmets were known to have been worn by twenty-four (24%) of the 100 motorcyclists killed in traffic crashes in 2003.
- Motorcycle helmets were known to have been worn by thirty-four (34%) of all motorcyclists involved in crashes in 2003.
- Almost nine out of ten motorcycle crashes occurred on dry pavement in 2003.
- Approximately nine out of ten Wisconsin residents who hold regular motorcycle endorsements are male.
- Saturday and Sunday are the two most common days for alcohol-related and non-alcohol-related motorcycle crashes. More than half of the alcohol related crashes occurred on one of these two days.
- More motorcycle crashes occur between 3 p.m. and 6 p.m. than any other three-hour time period. 9.2% occurred between 7 and 8 p.m.
- In general, more fatalities occur in the more densely populated southeast area of the state than in any other region in Wisconsin.
- The five most frequent possible contributing circumstances in both fatal and non-fatal motorcycle crashes in 2003 were: 1) motorcyclist loss of control, 2) driving too fast for conditions, 3) driver condition, 4) inattentive driving, 5) speeding.

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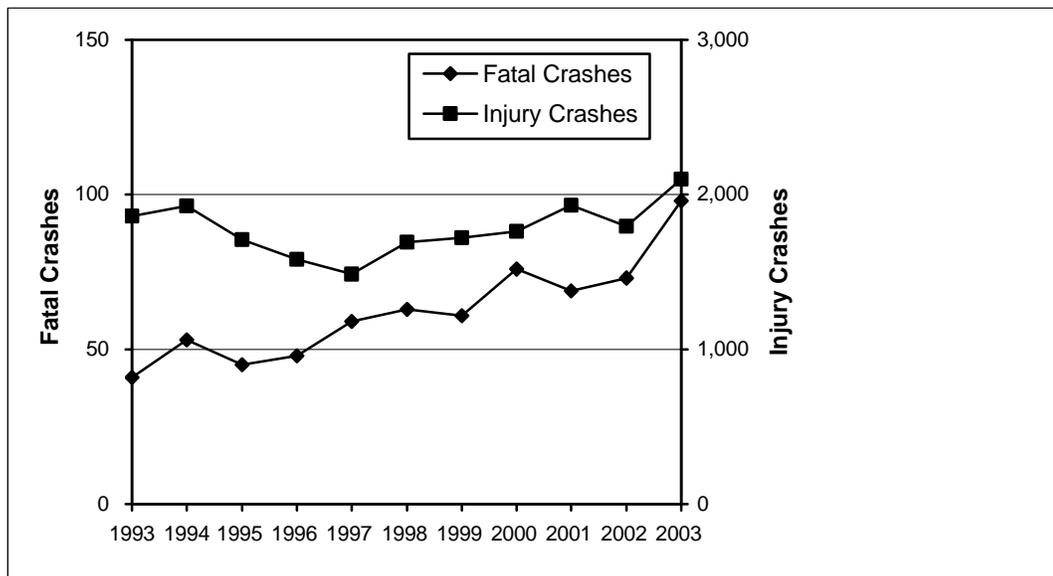
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Motorcycle Crashes 10-Year Summary

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
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
2003	225,181	100	98	57	2,099	315	2,512	76	24

Source: WisDOT/DMV/Accident Database

1993-2003 Fatal and Injury Motorcycle Crashes



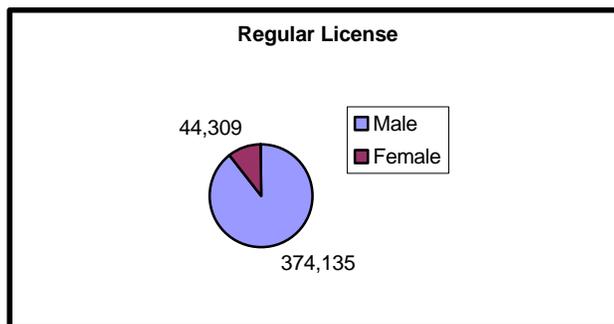
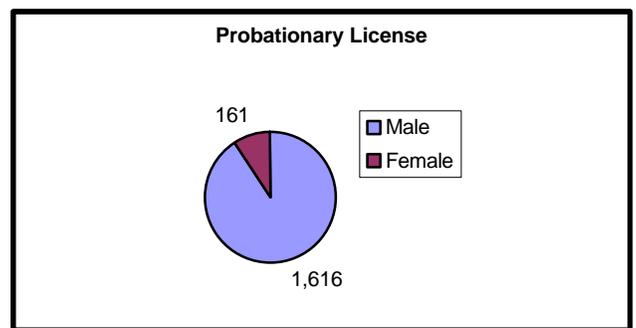
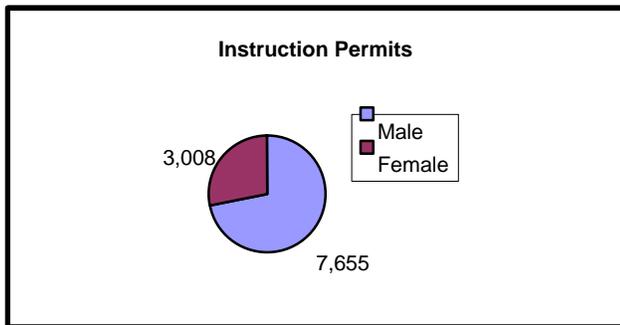
2003 Drivers with Motorcycle Endorsements By Type, Gender, and Age

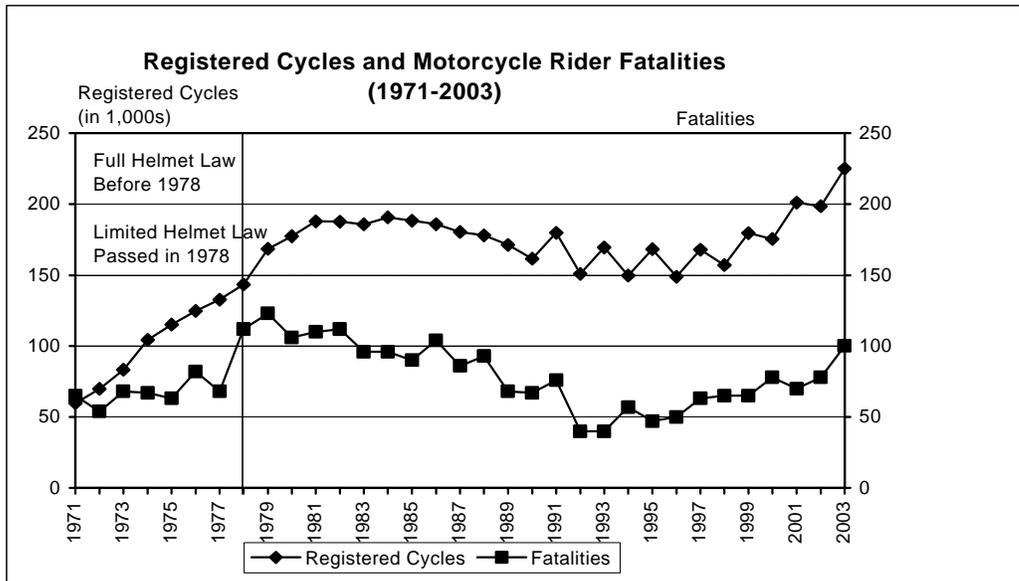
Motorcycle License - Class M									
Age	Instruction Permits		Probationary		Regular		Totals		Total
	Male	Female	Male	Female	Male	Female	Male	Female	
16	0	0	326	35	0	0	326	35	361
17	66	6	611	71	6	2	683	79	762
18	232	31	111	18	792	84	1,135	133	1,268
19	250	38	55	7	1,241	120	1,546	165	1,711
20	297	47	65	8	1,699	197	2,061	252	2,313
21	293	59	45	1	2,078	254	2,416	314	2,730
22	272	66	36	2	2,496	327	2,804	395	3,199
23	276	70	29	2	3,027	404	3,332	476	3,808
24	277	83	21	1	3,157	426	3,455	510	3,965
25-34	2,178	872	191	7	54,468	7,898	56,837	8,777	65,614
35-44	1,849	1,095	97	7	115,070	15,266	117,016	16,368	133,384
45-54	1,141	555	22	2	119,735	13,137	120,898	13,694	134,592
55-64	436	83	6	0	50,188	4,894	50,630	4,977	55,607
65-74	85	3	1	0	15,729	1,082	15,815	1,085	16,900
75+	3	0	0	0	4,449	218	4,452	218	4,670
TOTAL	7,655	3,008	1,616	161	374,135	44,309	383,406	47,478	430,884

Note: As of 12/31/03

Source: WisDOT/Bureau of Driver Services

2003 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
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
2003	16,908	8,243	27,444	52,595

Motorcycle Sales in Wisconsin (USED)

YEAR	DEALER	PRIVATE	PERCENT DEALER	PERCENT PRIVATE
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%
2003	8,243	27,444	23.1%	76.9%

Motorcycle Sales (NEW VS. USED)

YEAR	NEW CYCLES	USED CYCLES	PERCENT	
			NEW	USED
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%
2003	16,908	35,687	32.1%	67.9%

Motorcycle Sales (DEALER VS. PRIVATE)

YEAR	DEALER	PRIVATE	PERCENT	
			DEALER	PRIVATE
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%
2003	25,151	27,444	47.8%	52.2%

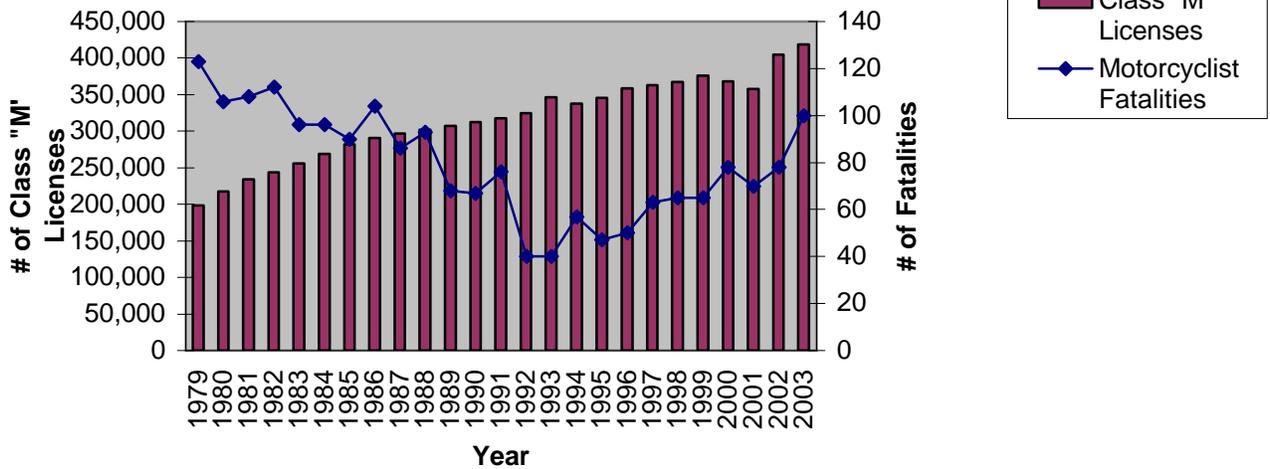
Source: WisDOT/DMV/Bureau of Vehicle Services

2003 Registered Cycles and Total Crashes by County

County	2003 Estimated Population	Registered Cycles	Cycles per 1000 Residents	Total Cycle Crashes	Crashes per 100 Registered	Total Vehicle Crashes	% Cycle Crashes
Adams	20,452	1,042	50.95	8	0.77	492	1.63%
Ashland	16,919	631	37.30	3	0.48	279	1.08%
Barron	45,883	1,995	43.48	15	0.75	1,007	1.49%
Bayfield	15,383	872	56.69	7	0.80	384	1.82%
Brown	234,660	9,340	39.80	91	0.97	4,419	2.06%
Buffalo	13,975	861	61.61	14	1.63	306	4.58%
Burnett	16,131	768	47.61	10	1.30	295	3.39%
Calumet	43,612	1,780	40.81	8	0.45	731	1.09%
Chippewa	57,358	2,591	45.17	17	0.66	1,419	1.20%
Clark	33,969	1,391	40.95	7	0.50	591	1.18%
Columbia	53,862	2,497	46.36	35	1.40	1,782	1.96%
Crawford	17,404	684	39.30	14	2.05	425	3.29%
Dane	445,253	14,484	32.53	179	1.24	10,590	1.69%
Dodge	87,599	3,934	44.91	33	0.84	1,800	1.83%
Door	28,819	1,868	64.82	20	1.07	917	2.18%
Douglas	43,575	1,704	39.10	15	0.88	959	1.56%
Dunn	41,312	1,867	45.19	17	0.91	1,174	1.45%
Eau Claire	95,904	3,349	34.92	33	0.99	2,486	1.33%
Florence	5,191	276	53.17	1	0.36	175	0.57%
Fond du Lac	99,205	4,381	44.16	53	1.21	2,736	1.94%
Forest	10,155	462	45.49	2	0.43	260	0.77%
Grant	50,242	2,179	43.37	24	1.10	1,287	1.86%
Green	34,671	1,817	52.41	33	1.82	929	3.55%
Green Lake	19,250	800	41.56	8	1.00	688	1.16%
Iowa	23,334	966	41.40	22	2.28	575	3.83%
Iron	6,936	335	48.30	2	0.60	117	1.71%
Jackson	19,538	959	49.08	8	0.83	824	0.97%
Jefferson	77,811	3,554	45.67	36	1.01	1,820	1.98%
Juneau	25,328	1,293	51.05	15	1.16	818	1.83%
Kenosha	154,234	7,063	45.79	93	1.32	3,633	2.56%
Kewaunee	20,648	1,173	56.81	3	0.26	255	1.18%
La Crosse	108,795	4,032	37.06	52	1.29	2,744	1.90%
Lafayette	16,245	658	40.50	13	1.98	530	2.45%
Langlade	21,075	898	42.61	9	1.00	361	2.49%
Lincoln	30,019	1,408	46.90	21	1.49	968	2.17%
Manitowoc	84,020	4,876	58.03	39	0.80	1,835	2.13%
Marathon	128,823	5,450	42.31	54	0.99	3,231	1.67%
Marinette	43,965	2,135	48.56	28	1.31	982	2.85%
Marquette	14,888	756	50.78	8	1.06	464	1.72%
Menominee	4,593	33	7.18	0	0.00	40	0.00%
Milwaukee	941,301	23,910	25.40	384	1.61	22,924	1.68%
Monroe	42,053	2,024	48.13	30	1.48	1,459	2.06%
Oconto	37,279	2,251	60.38	24	1.07	694	3.46%
Oneida	37,458	1,900	50.72	15	0.79	1,092	1.37%
Outagamie	167,447	7,336	43.81	61	0.83	3,768	1.62%
Ozaukee	84,516	3,760	44.49	38	1.01	1,331	2.85%
Pepin	7,502	380	50.65	7	1.84	148	4.73%
Pierce	38,123	1,890	49.58	40	2.12	887	4.51%
Polk	43,204	2,167	50.16	17	0.78	658	2.58%
Portage	68,677	2,614	38.06	18	0.69	1,880	0.96%
Price	15,889	783	49.28	6	0.77	254	2.36%
Racine	191,079	8,176	42.79	97	1.19	4,119	2.35%
Richland	18,058	772	42.75	14	1.81	644	2.17%
Rock	154,588	6,530	42.24	65	1.00	4,079	1.59%
Rusk	15,340	572	37.29	8	1.40	262	3.05%
Sauk	70,121	2,935	41.86	51	1.35	2,234	2.28%
Sawyer	16,736	569	34.00	3	0.10	371	0.81%
Shawano	41,454	1,667	40.21	19	3.34	1,699	1.12%
Sheboygan	112,656	5,483	48.67	60	3.60	2,628	2.28%
St. Croix	70,121	3,783	53.95	41	0.75	2,137	1.92%
Taylor	19,727	916	46.43	5	0.55	590	0.85%
Trempealeau	27,599	1,262	45.73	15	1.19	573	2.62%
Vernon	28,663	1,174	40.96	20	1.70	828	2.42%
Vilas	21,658	1,054	48.67	11	1.04	653	1.68%
Walworth	95,630	4,876	50.99	47	0.96	1,945	2.42%
Washburn	16,565	695	41.96	10	1.44	404	2.48%
Washington	121,929	6,719	55.11	74	1.10	2,545	2.91%
Waukesha	371,211	17,872	48.15	150	0.84	7,424	2.02%
Waupaca	52,843	2,191	41.46	21	0.96	1,776	1.18%
Waushara	24,656	1,045	42.38	11	1.05	657	1.67%
Winnebago	160,177	6,053	37.79	68	1.12	3,811	1.78%
Wood	75,951	4,000	52.67	32	0.80	1,389	2.30%
Wisconsin 2003	5,501,247	224,521	40.81	2,512	1.12	131,191	1.91%
US 2002	288,368,698	4,903,056	17.00	78,000	1.59	6,316,000	1.23%

Based on 2003 Population Estimates and 2003 Registration Data.
 Source: WisDOT/DMV/Accident Database
 State of Wisconsin Department of Administration
 US Data are 2002 estimates from the U.S. Bureau of the Census and NHTSA

Motorcyclist Fatalities and Number of Operators with Class "M" License (1979-2003)



Source: WisDOT/DMV/Accident Database. WisDOT/Bureau of Driver Services.
 Note: Class "M" license includes both regular and probationary licenses.

2003- 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	1	0	0	1	4	1	2	7	1	1	1	3	6	2	3	11
Under 10	0	1	0	1	0	0	0	0	4	1	0	5	1	2	0	3	5	4	0	9
10-14	1	0	0	1	2	3	0	5	2	4	0	6	1	2	0	3	6	9	0	15
15	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
16	0	0	0	0	1	1	0	2	3	7	0	10	1	0	0	1	5	8	0	13
17	0	0	0	0	1	4	0	5	2	12	0	14	0	3	0	3	3	19	0	22
18	0	1	0	1	3	6	0	9	3	14	0	17	1	7	0	8	7	28	0	35
19	1	1	0	2	5	9	0	14	3	27	0	30	2	13	0	15	11	50	0	61
20	0	2	0	2	2	10	0	12	8	53	0	61	3	12	0	15	13	77	0	90
21	0	4	0	4	1	20	0	21	3	37	0	40	2	10	1	13	6	71	1	78
22	0	5	0	5	5	10	0	15	3	24	0	27	3	14	0	17	11	53	0	64
23	0	4	0	4	4	13	0	17	6	19	0	25	2	16	0	18	12	52	0	64
24	0	1	0	1	6	15	0	21	3	26	0	29	1	9	0	10	10	51	0	61
25-34	1	15	0	16	23	85	0	108	49	198	0	247	14	84	0	98	87	382	0	469
35-44	1	22	0	23	48	128	0	176	63	246	2	311	33	109	0	142	145	505	2	652
45-54	4	22	0	26	33	140	0	173	63	201	0	264	23	96	0	119	123	459	0	582
55-64	0	10	0	10	12	49	0	61	19	102	0	121	14	35	0	49	45	196	0	241
65-74	0	3	0	3	2	12	0	14	1	11	0	12	1	4	0	5	4	30	0	34
75-84	0	0	0	0	0	0	0	0	1	2	0	3	0	1	0	1	1	3	0	4
85 and over	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	1	1	1	0	2
TOTAL	8	92	0	100	149	505	0	654	241	985	4	1,230	103	419	2	524	501	2,001	6	2,508

F = Female M = Male U=Unknown
 "Motorcyclist" includes motorcycle drivers and passengers.
 Source: WisDOT/DMV/Accident Database

2003 Motorcycle Crashes By Month and Severity, Total Killed, Total Injured by Urban/Rural Location

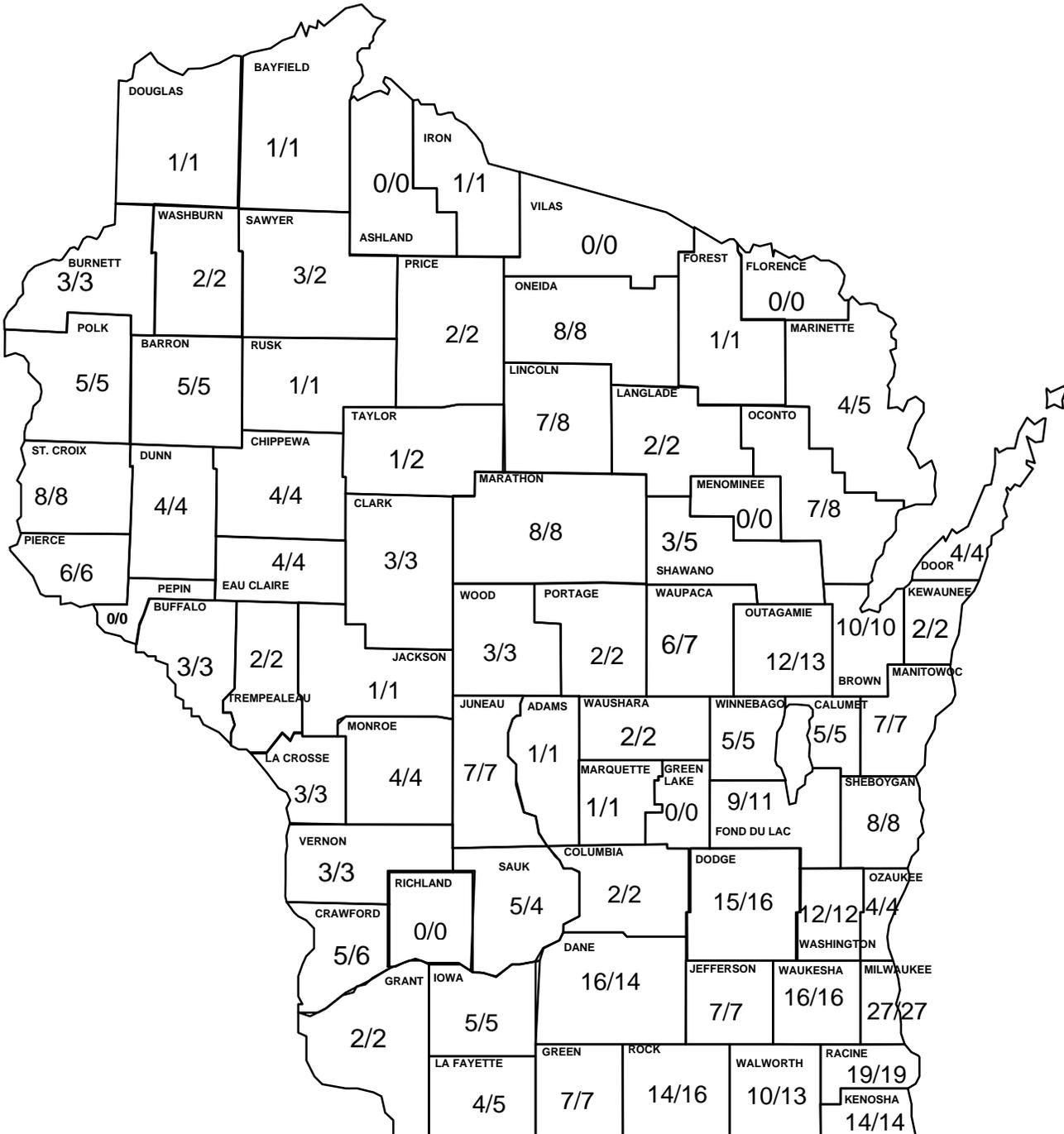
Month	Fatal Crashes			Personal Injury Crashes			Property Damage Crashes			Total Crashes			Total Persons Killed			Total Persons Injured		
	Rur	Urb	Tot	Rur	Urb	Tot	Rur	Urb	Tot	Rur	Urb	Tot	Rur	Urb	Tot	Rur	Urb	Tot
Jan	0	1	1	0	2	2	0	0	0	0	3	3	0	1	1	0	2	2
Feb	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	1	1
Mar	1	0	1	13	20	33	6	8	14	20	28	48	1	0	1	15	23	38
Apr	10	0	10	83	50	133	5	15	20	98	65	163	11	0	11	103	61	164
May	13	4	17	156	118	274	15	20	35	184	142	326	13	4	17	190	134	324
Jun	11	9	20	197	170	367	22	19	41	230	198	428	11	9	20	246	210	456
Jul	12	1	13	218	145	363	23	22	45	253	168	421	13	1	14	268	165	433
Aug	15	3	18	246	217	463	31	51	82	292	271	563	16	3	19	306	267	573
Sep	5	3	8	143	120	263	21	17	38	169	140	309	5	3	8	175	147	322
Oct	5	4	9	105	69	174	14	18	32	124	91	215	5	4	9	131	83	214
Nov	1	0	1	7	15	22	5	1	6	13	16	29	1	0	1	8	17	25
Dec	0	0	0	2	2	4	1	1	2	3	3	6	0	0	0	2	2	4
TOTAL	73	25	98	1,170	929	2,099	143	172	315	1,386	1,126	2,512	76	25	101	1,444	1,112	2,556

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.

1999-2003 Fatal Motorcycle Crashes/Motorcyclists Killed by County

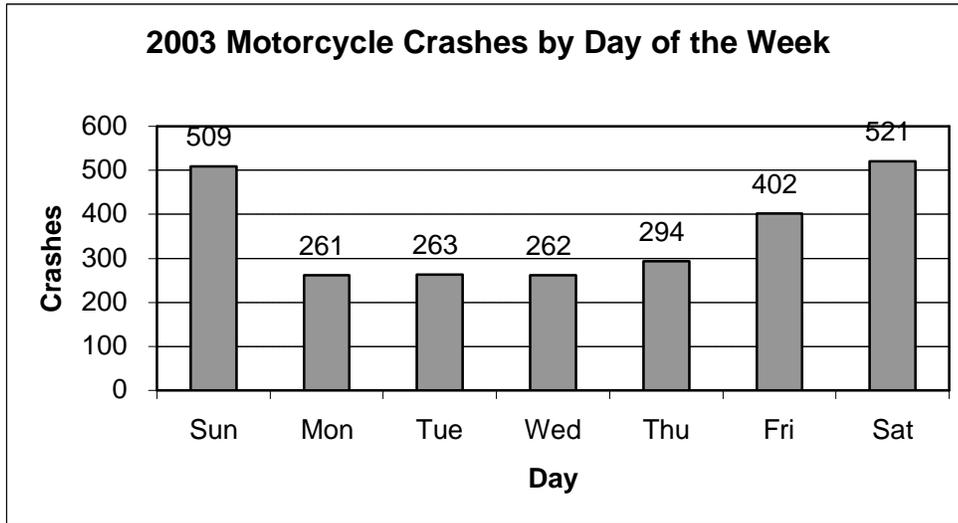


Note: Numbers represent five-year totals of fatal motorcycle crashes/motorcyclists killed. Fatal crash numbers may also include crashes involving non-motorcyclists.

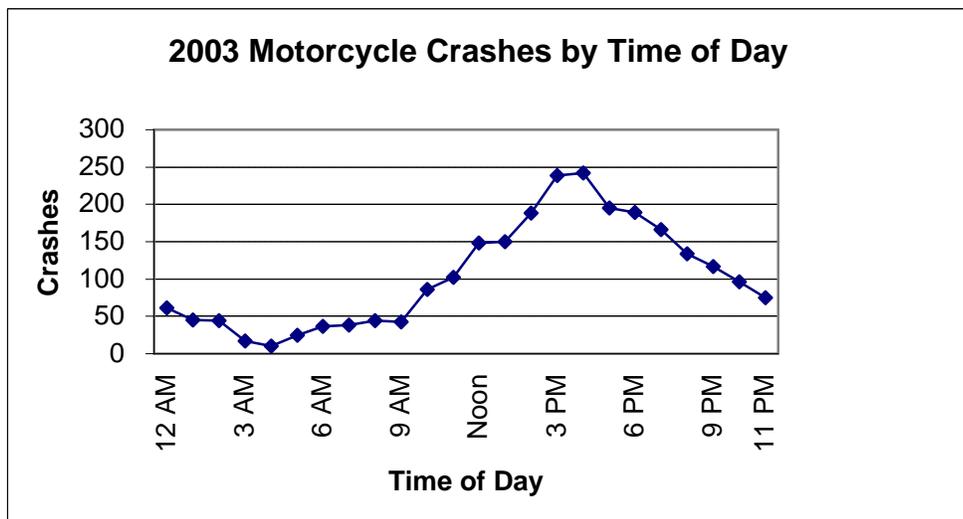
**2003 Motorcycle Crashes
by Time of Day and Day of Week**

Time of Day	Day of Week							TOTAL
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
12-1 AM	16	4	3	9	4	14	11	61
1-2 AM	14	7	2	2	4	8	8	45
2-3 AM	15	2	2	3	3	4	15	44
3-4 AM	4	0	1	1	0	7	4	17
4-5 AM	2	0	1	0	5	0	2	10
5-6 AM	7	4	3	3	4	3	1	25
6-7 AM	3	5	8	6	9	4	2	37
7-8 AM	3	5	2	6	8	10	4	38
8-9 AM	5	4	7	5	7	8	8	44
9-10 AM	9	3	4	5	5	5	12	43
10-11 AM	13	6	4	9	10	11	33	86
11 - Noon	25	12	9	6	6	11	33	102
12-1 PM	40	15	19	9	13	21	31	148
1-2 PM	45	16	10	9	19	18	33	150
2-3 PM	50	22	18	21	18	23	36	188
3-4 PM	48	23	24	25	25	41	53	239
4-5 PM	51	30	24	25	27	38	47	242
5-6 PM	30	16	26	32	27	31	33	195
6-7 PM	28	22	22	20	20	42	35	189
7-8 PM	24	17	24	19	20	27	35	166
8-9 PM	32	9	14	15	14	20	30	134
9-10 PM	16	19	20	15	18	18	11	117
10-11 PM	14	9	8	11	16	21	17	96
11 - Midnight	9	8	6	5	10	13	24	75
Unknown	6	3	2	1	2	4	3	21
TOTAL	509	261	263	262	294	402	521	2,512
Percentage	20%	10%	11%	10%	12%	16%	21%	100%

Source: WisDOT/DMV/Accident Database



Source: WisDOT/DMV Accident Database



Source: WisDOT/DMV Accident Database

2003 Motorcycle Drivers in Crashes by Age Group

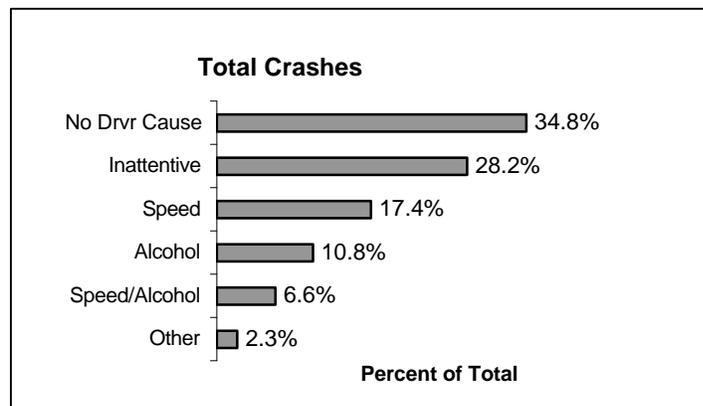
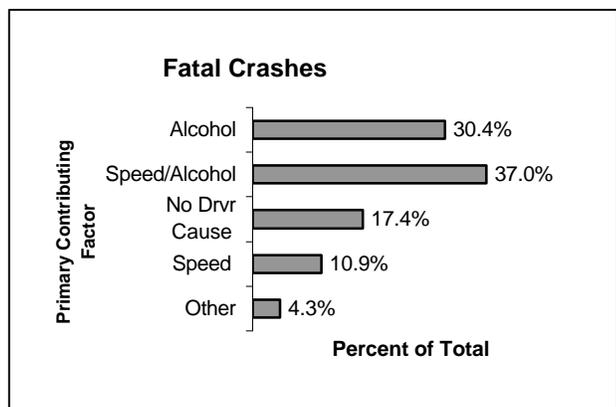
Age	Cyclists with an Instr. Permit or Endorsement	Percent of Licensed Cyclists	Percent of Cyclists in Age Group Involved In Crashes	Number of Cyclists in Age Group In Crashes	Percent of Total Cyclists in Crashes	Cyclists in Fatal Crashes	Cyclists in Injury Crashes	Cyclists in Property Damage Crashes
14 & under	0	N/A	N/A	3	0.11%	0	3	0
15	0	N/A	N/A	1	0.03%	1	0	0
16	361	0.08	2.49	9	0.34%	0	9	0
17	762	0.18	3.02	23	0.88%	0	20	3
18	1,268	0.29	2.29	29	1.11%	1	27	1
19	1,711	0.40	3.57	61	2.34%	1	50	10
20	2,313	0.54	3.72	86	3.29%	3	81	2
21	2,730	0.63	2.93	80	3.10%	4	68	8
22	3,199	0.74	2.31	74	2.83%	5	55	14
23	3,808	0.88	1.50	57	2.18%	4	50	3
24	3,965	0.92	1.79	71	2.71%	1	56	14
25-34	65,614	15.23	0.77	505	19.34%	16	420	69
35-44	133,384	30.96	0.50	663	25.40%	23	571	69
45-54	134,592	31.24	0.44	597	22.86%	28	498	71
55-64	55,607	12.91	0.44	246	9.42%	10	218	18
65-74	16,900	3.92	0.21	35	1.34%	3	30	2
75 and over	4,670	1.08	0.11	5	0.19%	0	5	0
Unknown	0	0.00	N/A	66	2.53%	0	14	52
TOTALS	430,884	100.00%	N/A	2,611	100.00%	100	2,175	336

N/A= Not Applicable

Note: This table represents drivers only.

Source: WisDOT/DMV/Accident Database

2003 Single Unit Motorcycle Crashes Primary Contributing Factor



2003 - 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*	289	321	610	353	353	329	112	441	34	39	73	1,005	472	1,477
Angle	46	241	287	37	37	76	81	157	1	3	4	160	325	485
Rear End	18	107	125	21	21	54	53	107	3	15	18	96	175	271
Side swipe/same dir.	7	54	61	18	18	13	21	34	6	7	13	44	82	126
Head On	4	15	19	5	5	5	3	8	0	1	1	14	19	33
Side swipe opposite	3	20	23	8	8	10	4	14	0	0	0	21	24	45
Rear to Rear	0	2	2	0	0	0	1	1	0	0	0	0	3	3
Unknown	18	22	40	17	17	11	4	15	0	0	0	46	26	72
TOTAL	385	782	1,167	459	459	498	279	777	44	65	109	1,386	1,126	2,512

* 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

2003 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	35	9	44	3	1	4	40	10	50
Brakes	0	0	0	11	8	19	0	1	1	11	9	20
Other	0	1	1	18	16	34	2	6	8	20	23	43
Head Lamps	1	1	2	1	1	2	1	0	1	3	2	5
Stop Lamps	0	0	0	0	0	0	0	0	0	0	0	0
Steering	0	0	0	6	2	8	0	0	0	6	2	8
Suspension	0	0	0	0	2	2	0	0	0	0	2	2
Other Disabled	0	0	0	3	0	3	0	0	0	3	0	3
Disabled prior crash	0	0	0	1	0	1	0	0	0	1	0	1
Tail Lamps	0	0	0	0	0	0	1	0	1	1	0	1
TOTAL	3	2	5	75	38	113	7	8	15	85	48	133

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.

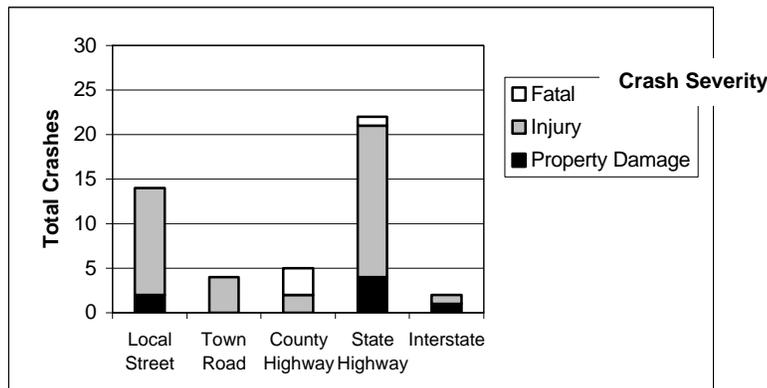
Note: The numbers in this table represent the number of times a given vehicle PCC was cited as a possible contributing circumstance for a motorcycle in a crash. They do not represent numbers of crashes.

2003 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	8	0	8	165	15	180	15	3	18	188	18	206
Curb	1	6	7	16	52	68	2	7	9	19	65	84
Other Fixed Object	0	8	8	31	29	60	4	2	6	35	39	74
Tree	4	0	4	13	3	16	0	1	1	17	4	21
Embankment	2	0	2	16	3	19	3	0	3	21	3	24
Other Object (Not Fixed)	0	0	0	12	15	27	2	1	3	14	16	30
Mailbox	1	0	1	4	0	4	1	0	1	6	0	6
Guardrail Face	5	1	6	5	2	7	1	0	1	11	3	14
Guardrail End	0	1	1	1	0	1	0	0	0	1	1	2
Traffic Sign Post	2	1	3	14	4	18	1	2	3	17	7	24
Other Post	0	0	0	3	3	6	0	1	1	3	4	7
Culvert	1	0	1	11	1	12	0	0	0	12	1	13
Utility Pole	3	1	4	4	2	6	1	1	2	8	4	12
Fence	1	1	2	10	2	12	0	1	1	11	4	15
Median Barrier	0	0	0	3	9	12	0	1	1	3	10	13
Light Support	0	0	0	0	1	1	0	0	0	0	1	1
Bridge/Pier/Abutment	0	0	0	0	1	1	0	0	0	0	1	1
Unknown	0	0	0	3	4	7	1	0	1	4	4	8
TOTAL	28	19	47	311	146	457	31	20	51	370	185	555

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

2003 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	2	0	0	4	1
Injury	12	4	2	17	1
Fatal	0	0	3	1	0

Source: WisDOT/DMV/Accident Database

2003 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	58	1,516	207	1,781	61	1,846
Dark/Lighted	11	211	37	259	11	263
Dark	20	260	26	306	20	323
Dusk	7	78	11	96	7	89
Dawn	0	16	4	20	0	16
Unknown	2	2	2	6	2	2
TOTAL	98	2,083	287	2,468	101	2,539

Weather Conditions

Weather Conditions	Personal Property				TOTAL	
	Fatal	Injury	Damage	Total	Persons	Persons
	Crashes	Crashes	Crashes	Crashes	Killed	Injured
Clear	72	1,547	192	1,811	74	1,896
Cloudy	22	464	79	565	22	555
Rain	2	50	11	63	3	62
Snow	0	1	0	1	0	1
Fog/Smog/Smoke	0	9	0	9	0	12
Sleet/Hail	0	0	1	1	0	0
Crosswinds	0	2	0	2	0	2
Blowing sand/dirt/snow	0	0	0	0	0	0
Other	0	1	0	1	0	1
Unknown	2	8	4	14	2	9
TOTAL	98	2,082	287	2,467	101	2,538

Road Conditions

Road Conditions	Personal Property				TOTAL	
	Fatal	Injury	Damage	Total	Persons	Persons
	Crashes	Crashes	Crashes	Crashes	Killed	Injured
Dry	91	1,895	257	2,243	93	2,312
Wet	3	74	13	90	4	90
Sand/Mud/ Dirt/Oil	0	32	4	36	0	38
Ice	0	0	1	1	0	0
Other	0	18	1	19	0	23
Unknown	1	4	2	7	1	4
TOTAL	95	2,023	278	2,396	98	2,467

**2003 Drinking Motorcycle Drivers in Crashes
By County and Age**

COUNTY NAME	DRIVER'S AGE						TOTAL HBD DRIVERS	TOTAL HBD CRASHES
	16-19	20-24	25-34	35-44	45-54	55-74		
ADAMS	0	0	0	0	1	0	1	1
BROWN	0	0	4	2	2	0	8	8
BUFFALO	0	0	0	1	0	1	2	2
CHIPPEWA	0	2	1	4	0	0	7	7
COLUMBIA	0	1	1	1	2	0	5	5
CRAWFORD	0	0	0	1	0	0	1	1
DANE	0	2	6	5	3	2	18	17
DODGE	0	0	1	2	4	0	7	7
DOOR	1	1	0	0	0	0	2	2
DOUGLAS	0	0	0	1	2	0	3	3
DUNN	1	1	0	0	1	0	3	3
EAU CLAIRE	0	0	0	1	0	0	1	1
FOND DU LAC	0	1	2	1	1	1	6	5
GRANT	0	1	1	1	0	0	3	3
GREEN	0	0	0	2	0	0	2	2
GREEN LAKE	0	0	0	1	0	0	1	1
IOWA	0	0	0	1	2	1	4	4
IRON	0	0	0	0	1	0	1	1
JEFFERSON	0	0	1	2	0	0	3	3
JUNEAU	0	0	2	1	1	0	4	3
KENOSHA	0	1	4	8	4	2	19	18
KEWAUNEE	0	1	0	0	0	0	1	1
LA CROSSE	0	1	3	3	0	0	7	7
LAFAYETTE	0	0	0	0	1	0	1	1
LANGLADE	0	0	0	0	1	0	1	1
LINCOLN	0	0	2	2	1	0	5	5
MANITOWOC	0	2	3	0	0	0	5	5
MARATHON	0	0	2	0	2	0	4	4
MARINETTE	0	1	0	3	1	1	6	6
MARQUETTE	0	1	0	1	1	0	3	3
MILWAUKEE	0	2	8	13	7	0	30	30
MONROE	0	1	0	1	0	0	2	2
OCONTO	0	1	1	1	1	2	6	6
ONEIDA	0	0	0	0	0	1	1	1
OUTAGAMIE	0	1	5	2	2	0	10	10
OZAUKEE	0	1	2	1	1	1	6	6
PIERCE	0	1	1	2	2	0	6	6
POLK	0	0	1	2	2	0	5	4
PORTAGE	0	1	0	1	0	1	3	3
PRICE	0	0	0	0	1	0	1	1
RACINE	0	3	4	7	1	1	16	16
ROCK	0	1	0	4	3	0	8	8
RUSK	0	0	1	0	0	0	1	1
ST. CROIX	0	3	2	5	0	0	10	10
SAUK	0	1	0	1	2	0	4	4
SAWYER	0	0	0	1	0	0	1	1
SHEBOYGAN	0	1	1	0	3	0	5	5
TAYLOR	1	0	0	0	0	0	1	1
TREMPEALEAU	0	0	0	1	0	1	2	2
VERNON	0	0	0	1	1	0	2	2
VILAS	0	0	0	1	0	0	1	1
WALWORTH	0	0	0	2	2	1	5	5
WASHINGTON	0	1	4	5	2	2	14	13
WAUKESHA	0	6	5	9	4	0	24	24
WAUPACA	0	0	1	0	2	0	3	3
WAUSHARA	0	0	0	0	1	0	1	1
WINNEBAGO	0	0	3	2	1	0	6	5
WOOD	0	0	1	4	0	0	5	5
TOTAL	3	40	73	110	69	18	313	306

HBD=Had Been Drinking -The two numbers (313 & 306) are not identical because some crashes may involve more than one motorcycle. Counties not shown did not report HBD Riders or HBD crashes. Source: WisDOT/DMV Accident Database.

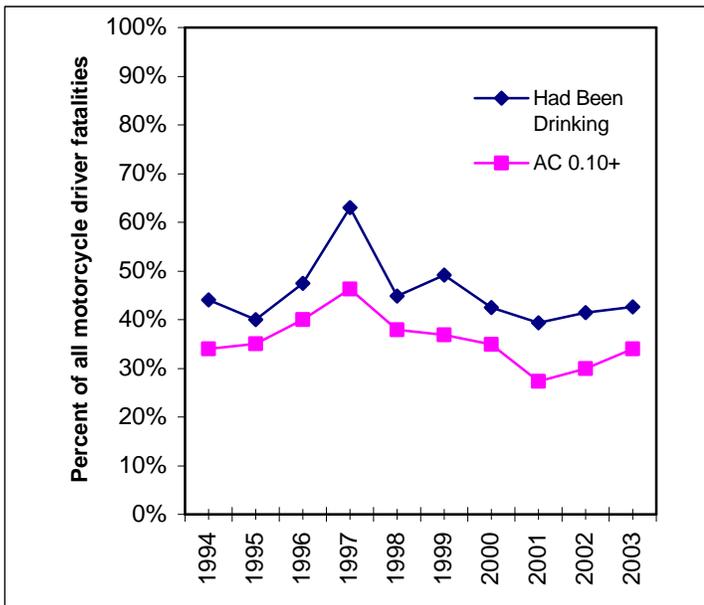
**2003 Alcohol-Related Crashes
by Time of Day and Day of Week
Motorcyclists Only
Total Injured - Total Killed**

Time of Day	Crashes by Day of Week							Total		
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Crashes	Killed	Injured
12-1 AM	9	2	0	4	2	2	5	24	2	26
1-2 AM	5	4	1	0	2	6	3	21	1	26
2-3 AM	9	1	1	3	1	3	7	25	7	22
3-4 AM	1	0	0	1	0	2	3	7	1	5
4-5 AM	1	0	0	0	0	0	2	3	1	2
5-6 AM	1	0	0	0	0	0	0	1	1	0
6-7 AM	0	0	0	0	0	0	0	0	0	0
7-8 AM	0	0	0	0	0	0	0	0	0	0
8-9 AM	0	0	0	0	1	0	1	2	0	3
9-10 AM	0	0	0	0	0	1	1	2	0	2
10-11 AM	0	0	0	0	2	0	0	2	0	3
11-12 Noon	0	0	1	0	0	0	0	1	0	1
12-1 PM	0	0	0	0	0	0	1	1	0	1
1-2 PM	1	0	0	0	0	0	2	3	1	3
2-3 PM	2	0	0	0	0	0	3	5	0	5
3-4 PM	4	3	1	1	0	2	2	13	1	14
4-5 PM	3	3	2	1	2	1	5	17	3	17
5-6 PM	6	3	2	0	1	5	5	22	1	23
6-7 PM	5	5	2	1	1	3	10	27	2	27
7-8 PM	7	1	2	2	2	5	11	30	6	32
8-9 PM	7	0	3	0	0	2	12	24	5	30
9-10 PM	4	1	5	0	0	7	5	22	5	27
10-11 PM	5	4	1	2	4	4	5	25	2	33
11-12 Midnight	3	2	0	1	3	3	10	22	0	23
Unknown	2	2	0	1	0	2	0	7	3	5
TOTAL	75	31	21	17	21	48	93	306	42	330
Percentage	24%	10%	7%	6%	7%	16%	30%	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

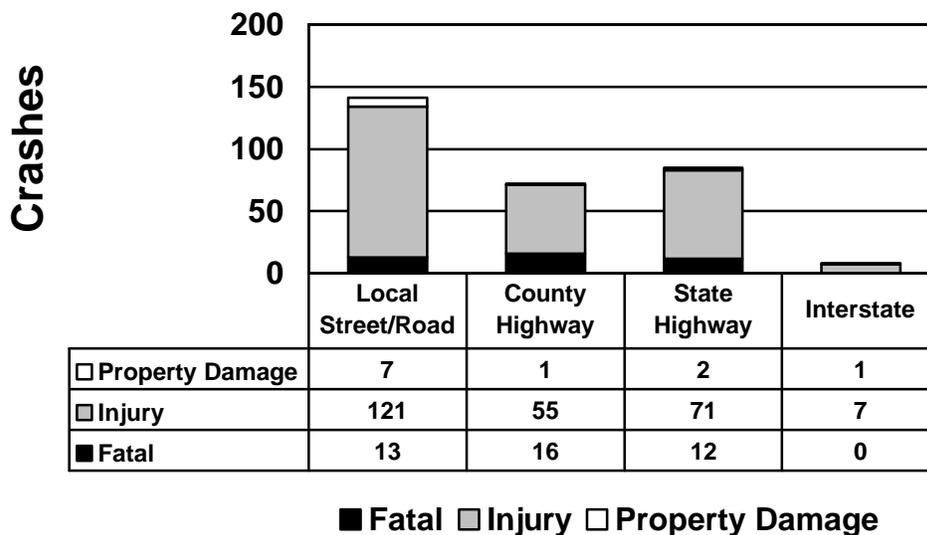
1994-2003 Alcohol Concentration (AC) Test Results of Motorcycle Driver Fatalities



Year	Motorcycle Driver Fatalities	Alcohol Concentration*			Had Been Drinking
		Negative or Unknown	.01-.09	.10+	
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%
2003*	94	54	8	32	42.6%
Total	591	321	59	211	45.7%
%	100%	54.3%	10.0%	35.7%	45.7%

* There was one driver who tested at > 0.08 after the 9/30/03 enactment of 2003 Wisconsin Act 30 that changed first offense OWI from 0.10 to 0.08.

2003 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.

2003 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	348	459	197	55	1,059	45	61	44	8	158
Incapacitating	153	246	126	23	548	27	35	28	5	95
Possible	168	159	88	44	459	19	18	21	3	61
Not Injured	122	158	58	95	433	9	18	11	3	41
Killed	22	44	27	1	94	1	0	3	1	5
TOTAL	813	1,066	496	218	2,593	101	132	107	20	360

Injury Severity	Side Car					TOTAL				
	Helmet Worn	*Eye Prot	None	Unk/ Other	TOTAL	Helmet Worn	*Eye Prot	None	Unk/ Other	TOTAL
	Nonincapacitating	1	0	2	0	3	394	520	243	63
Incapacitating	0	1	0	1	2	180	282	154	29	645
Possible	0	0	0	0	0	187	177	109	47	520
Not Injured	0	0	0	0	0	131	176	69	98	474
Killed	1	0	0	0	1	24	44	30	2	100
TOTAL	2	1	2	1	6	916	1,199	605	239	2,959

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

2003 Motorcyclists Injured by Age and Role by Safety Equipment Use

Age	Driver					Passenger				
	Helmet Only	Eye Protection	None	Unknown/Other	Total	Helmet Only	Eye Protection	None	Unknown/Other	Total
1-4	0	0	0	0	0	0	0	0	0	0
5-9	0	0	1	0	1	2	0	0	0	2
10-14	1	0	0	0	1	7	0	0	1	8
15	0	0	0	0	0	0	0	0	0	0
16	0	2	3	0	5	1	0	2	0	3
17	2	3	3	2	10	1	0	0	0	1
18	3	4	6	3	16	1	2	1	0	4
19	4	15	6	6	31	1	4	3	0	8
20	14	28	11	6	59	0	4	5	0	9
21	13	20	10	4	47	0	0	5	0	5
22	10	15	9	4	38	0	2	3	2	7
23	4	15	7	8	34	0	4	4	1	9
24	8	20	10	2	40	1	5	1	0	7
25-34	39	171	83	21	314	2	24	18	3	47
35-44	45	265	121	28	459	2	35	27	5	69
45-54	51	213	98	25	387	16	22	14	2	54
55-64	26	82	37	9	154	7	8	7	1	23
65-74	3	8	5	2	18	0	1	0	0	1
75-84	0	2	1	0	3	0	0	0	0	0
85 and Over	0	1	0	0	1	0	0	0	1	1
Unknown	0	0	0	2	2	2	0	0	0	0
TOTAL	223	864	411	122	1,620	43	114	93	16	266

Age	Side Car					TOTAL				
	Helmet Only	Eye Protection	None	Unknown/Other	Total	Helmet Only	Eye Protection	None	Unknown/Other	Total
1-4	0	0	0	0	0	0	0	0	0	0
5-9	0	0	0	0	0	2	0	1	0	3
10-14	0	0	0	0	0	8	0	0	1	9
15	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	1	2	5	0	8
17	0	0	0	0	0	3	3	3	2	11
18	0	0	0	0	0	4	6	7	3	20
19	0	0	0	0	0	5	19	9	6	39
20	0	0	0	0	0	14	32	16	6	68
21	0	0	0	0	0	13	20	15	4	52
22	0	0	0	0	0	10	17	12	6	45
23	0	1	0	0	1	4	20	11	9	44
24	0	0	0	0	0	9	25	11	2	47
25-34	0	0	1	0	1	41	195	102	24	362
35-44	0	0	1	0	1	47	300	149	34	530
45-54	0	0	0	1	1	67	235	112	27	441
55-64	0	0	0	0	0	33	90	44	10	177
65-74	0	0	0	0	0	3	9	5	2	19
75-84	0	0	0	0	0	0	2	1	0	3
85 and over	0	0	0	0	0	0	1	0	1	2
Unknown	0	0	0	0	0	2	3	3	2	10
TOTAL	0	1	2	1	4	266	979	506	139	1,890

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. The chart does not include instances where the officer noted that the rider was wearing both a helmet and eye protection (this information may be found in the Wisconsin Traffic Crash Facts Book on Page 103).

Source: WisDOT/DMV/Accident Database

**2003 - Motorcyclists Killed
By Age and Role by Safety Equipment Use**

Age	MOTORCYCLE DRIVER									MOTORCYCLE PASSENGER						MOTORCYCLE DRIVERS AND PASSENGERS TOGETHER																						
	HELMET ONLY		HELMET & EYE		EYE ONLY		NO PROTECTION		EQP USE UNK		HELMET ONLY		NO PROTECTION		EQP USE UNK		HELMET ONLY			HELMET & EYE			EYE ONLY			NO PROTECTION			EQP USE UNK									
	M	F	M	F	M	f	M	F	M	f	M	F	M	F	M	F	M	F	M&F	M	F	M&F	M	F	M&F	M	F	M&F	M	F	M&F							
14 AND UNDER	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	1	1	
20	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
21	2	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	1	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0		
22	0	0	2	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	3	0	3	0	3	0	0	0	0	0		
23	0	0	0	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	1	0	1	0	1	0	0	0	0	0	0		
24	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0		
25-34	1	0	5	0	7	0	2	1	0	0	0	0	0	0	0	0	1	0	1	5	0	5	7	0	7	2	1	3	0	0	0	0	0	0	0	0		
35-44	1	0	1	0	10	0	9	0	1	0	0	0	0	1	0	0	1	0	1	1	0	1	10	0	10	9	1	10	1	10	1	0	1	0	1	1		
45-54	0	0	2	2	13	0	6	1	0	0	0	0	1	1	0	0	0	0	2	2	4	13	0	13	7	2	9	0	0	0	0	0	0	0	0	0		
55-64	0	0	2	0	7	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	2	7	0	7	1	0	1	0	0	0	0	0	0	0	0	0		
65-74	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1	1	0	1	0	1	0	0	0	0	0	0		
75-84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
85 and up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTALS	5	0	15	2	44	0	25	2	1	0	1	1	1	2	0	1	6	1	7	15	2	17	44	0	44	26	4	30	1	1	1	1	1	1	2	2		

NOTE: THIS REPORT COUNTS ONLY THOSE CYCLISTS WITH SEAT LOCATION RECORDED.

'F = FEMALE, M = MALE, TOT = TOTAL';

'HELMET ONLY = HELMET WORN, NO EYE PROTECTION';

'HELMET & EYE = HELMET WORN, EYE PROTECTION WORN';

'EYE ONLY = NO HELMET WORN, EYE PROTECTION WORN';

'NOTHING = NO HELMET WORN, NO EYE PROTECTION WORN';

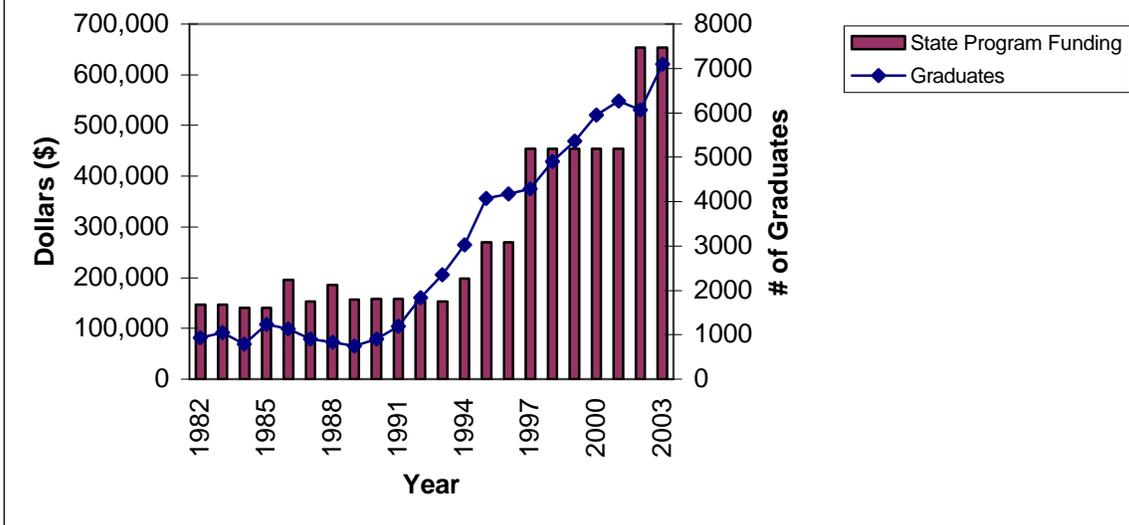
'EQP USE UNK = HELMET AND EYE PROTECTION USE NOT KNOWN.'

**2003- 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	25	10	35	421	231	652	28	36	64	474	277	751
Too Fast for Conditions	11	4	15	153	47	200	8	7	15	172	58	230
Driver Condition	12	3	15	95	73	168	4	2	6	111	78	189
Inattentive Driving	4	0	4	96	46	142	11	12	23	111	58	169
Exceeding Speed Limit	13	7	20	68	53	121	3	8	11	84	68	152
Following Too Close	2	0	2	29	51	80	2	8	10	33	59	92
Fail to Yield Right of Way	1	1	2	16	26	42	5	8	13	22	35	57
Improper Overtake	2	0	2	18	16	34	2	1	3	22	17	39
Left of Center	1	0	1	15	4	19	1	1	2	17	5	22
Disregard Traffic Control	1	0	1	4	15	19	0	2	2	5	17	22
Improper Turn	0	0	0	8	10	18	0	1	1	8	11	19
Unsafe Backing	0	0	0	0	1	1	0	1	1	0	2	2
Physically Disabled	0	0	0	0	1	1	0	0	0	0	1	1
Other	3	3	6	42	50	92	5	5	10	50	58	108
TOTAL	75	28	103	965	624	1,589	69	92	161	1,109	744	1,853

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.

State Motorcycle Safety Program Funding and Motorcycle Basic RiderCourse Graduates (1982-2003)



Source: WisDOT BOTS/Motorcycle Program Database.

Moped Crashes: 10-Year Summary

Year	Registered Mopeds	Moped Fatalities	Moped Injuries	Fatal Crashes	Single Unit Fatal Crashes	Injury Crashes	Property Damage Crashes	Total Crashes
1994	22,203	1	108	1	N/A	97	4	102
1995	24,056	1	98	1	N/A	91	2	94
1996	19,964	1	106	1	N/A	84	3	88
1997	22,015	0	92	0	0	73	2	75
1998	19,125	1	99	1	1	89	2	92
1999	21,377	1	61	1	1	70	3	74
2000	20,018	0	79	0	0	78	2	80
2001	23,339	2	56	1	0	66	2	69
2002	22,527	4	98	4	2	100	1	105
2003	27,386	2	107	2	1	92	6	100

Source: WisDOT/DMV/Accident Database
Moped registration data as of 12/31.

Note: Statistics on mopeds are kept separate from motorcycle statistics due to technological differences as well as to make valid, statistical comparisons to previous years. This varies from what is reported under the Fatality Analysis Reporting System (FARS). FARS includes mopeds as "motorcycles."

2003 Fatally Injured Motorcyclists

DAY OF WEEK	TIME OF DAY	DRIVER OR PASSENGER	AGE & SEX	SAFETY EQUIPMENT	NARRATIVE	TYPE OF CYCLE	TYPE OF ROAD*	PCCS*	ENDORSEMENT STATUS
Mon	9:25 PM	Driver	51 Male	None	Motorcycle struck a deer/driver ejected	Honda 1976	HWY	NONE	VALID
Mon	4:38 PM	Driver	31 Male	None	Motorcyclist popped wheelie on motorcycle at high speed/lost control & hit guardrail	Honda 1993	STH	1,11	INVALID
Mon	11:22 AM	Driver	46 Male	Helmet	E.B. auto turned in front of w.b. motorcycle causing motorcycle to strike auto	Kawasaki 2002	LOCAL	NONE	VALID
Mon	3:48 AM	Driver	22 Male	None	Motorcyclist failed to observe dead-end sign/mc tipped over/slid into guardrail/occupants ejected	Suzuki	LOCAL	1	INVALID
Mon	10:48 PM	Driver	23 Male	None	MC traveling at unsafe speed/lost control/struck rock on private prop/driver ejected/struck pillar	Kawasaki 1992	LOCAL	2,11	INVALID
Mon	8:40 PM	Driver	36 Male	Eye	E.B. veh crossed center line/hit w.b. mc/mc driver ejected/driver of veh taken into custody (owi)	Kawasaki 1978	STH	NONE	VALID
Mon	1:55 PM	Driver	53 Female	Helmet/Eye	Motorcycle struck deer that ran from ditch in front of vehicle/motorcycle driver ejected	H.D. 2001	HWY	NONE	VALID
Mon	12:00 PM	Driver	41 Male	Eye	S.B. auto stopped at stop sign/proceeded south into driving lane of w.b. mc/vehs collided	Yamaha 1979	STH	1	INVALID
Mon	3:26 PM	Driver	32 Male	None	Motorcyclist lost control while negotiating curve/skidded sideways/flipped over/mc driver ejected	H.D. 1998	HWY	11	VALID
Mon	5:05 AM	Passenger	19 Female	Helmet	Motorcyclist failed to negotiate curve/motorcycle went into ditch	Honda 2002	HWY	4	Passenger
Mon	3:51 PM	Driver	23 Male	None	MC oper accelerated & popped wheelie/lost control/oper struck lightpole	Suzuki 1996	STH	14	VALID
Tues	10:01 PM	Driver	43 Male	None	Motorcyclist went off roadway to the left/lost control & overtuned	H.D. 2001	HWY	14	VALID
Tues	9:01 PM	Driver	21 Male	Helmet/Eye	N.B. mc struck rear of n.b. veh w/ trailer hauling rocks/mc driver ejected/landed on pavement	Honda 1998	HWY	2,12	INVALID
Tues	1:55 AM	Driver	34 Male	None	Motorcycle rear ended by auto/motorcycle skid & slid into ditch/driver ejected	Kawasaki 1992	LOCAL	NONE	INVALID
Tues	10:15 AM	Driver	65 Male	Helmet	Motorcycle struck deer/motorcycle driver ejected	H.D. 2001	LOCAL	NONE	VALID
Tues	1:25 PM	Driver	25 Male	None	Motorcyclist turned off driveway onto road/motorcycle went out of control/struck tree	Suzuki 2001	LOCAL	11	INVALID
Tues	12:50 PM	Driver	55 Male	Eye	MC passed veh in no-passing zone/upon returning to lane entered gravel area/hit sign/into ditch	Honda 2002	USH	2,11	VALID
Tues	8:43 PM	Driver	44 Male	None	Motorcycle struck curb of median/mc became airborne/struck highway sign/mc oper ejected	H.D. 1980	STH	12	VALID
Tues	3:13 PM	Driver	70 Male	None	W.B. mc failed to stop at intersection striking n.b. van on passenger side	Honda 1992	HWY	8	VALID
Tues	3:13 PM	Passenger	11 Female	Helmet	W.B. mc failed to stop at intersection striking n.b. van on passenger side	Honda 1992	HWY	8	Passenger
Tues	9:23 PM	Driver	57 Male	None	Motorcyclist drove off roadway at dead end/motorcycle operator ejected/mc & opr struck tree	Indian 2000	LOCAL	1,4,12	VALID
Tues	6:47 PM	Driver	43 Male	None	Motorcycle struck deer/went onto side & slid/motorcycle operator ejected	Honda 1985	LOCAL	NONE	VALID
Wed	2:31 AM	Driver	41 Male	Eye	Motorcycle struck a deer/motorcycle slid on side/motorcycle driver ejected	Yamaha 1982	HWY	NONE	VALID
Wed	7:23 PM	Driver	42 Male	Eye	S.B. motorcyclist failed to negotiate curve/went across n.b. lane into ditch/driver ejected	Suzuki 1986	HWY	1,11	VALID

2003 Fatally Injured Motorcyclists

DAY OF WEEK	TIME OF DAY	DRIVER OR PASSENGER	AGE & SEX	SAFETY EQUIPMENT	NARRATIVE	TYPE OF CYCLE	TYPE OF ROAD*	PCCS*	ENDORSEMENT STATUS
Wed	12:34 AM	Driver	18 Male	Helmet/Eye	MC traveling too fast to negotiate curve/hit curb/slid several feet/collided with pole/driver ejected	Honda 1986	STH	1,2,11,12	INVALID
Wed	4:21 PM	Driver	59 Male	None	E.B. unit 2 struck e.b. unit 1 at stop sign causing unit 1 to enter w.b. lane/w.b. mc struck unit #1	H.D. 1999	STH	NONE	VALID
Wed	8:07 PM	Driver	19 Male	Eye	W.B. veh pulled out from stop sign into intersection/n.b. mc brakes & skids/impacts w/veh	Yamaha 2003	LOCAL	NONE	VALID
Wed	8:01 PM	Driver	29 Male	Eye	S.B. auto turned left in front of n.b. motorcycle's path/mc struck auto/mc oper ejected	Suzuki 2001	USH	NONE	VALID
Wed	3:04 PM	Driver	57 Male	Helmet/Eye	In distress lane/merged to Lane 3/accelerated to Lane 2/passed vehs/lost control/hit fence/eject	Honda 1984	IH	2,11	VALID
Wed	5:42 PM	Driver	58 Male	Eye	MC was e.b./auto was stopped at stop sign/auto proceeded north from stop sign/mc struck auto	Honda 2000	STH	NONE	VALID
Wed	5:41 PM	Driver	53 Male	Helmet/Eye	Van pulled out from stop sign into path of motorcycle/motorcycle struck van	Honda 1996	USH	NONE	VALID
Thurs	2:09 AM	Driver	39 Male	None	Motorcyclist (high speed) failed to negotiate curve/left roadway/struck utility pole/driver ejected	H.D. 2001	LOCAL	11	INVALID
Thurs	1:16 PM	Driver	20 Male	Eye	Pickup pulled out in front of motorcycle/motorcycle hit pickup	Yamaha 2000	LOCAL	1,14	INVALID
Thurs	5:23 PM	Driver	22 Male	Helmet/Eye	E.B. mc collided into rear of e.b. veh towing implement trailer w/ tractor that pulled out from field	Honda 1998	LOCAL	2	VALID
Thurs	5:10 PM	Driver	36 Male	None	MC passed on left side of stopped traffic/mc lost control/ejected driver & mc hit left-turning veh	H.D. 2001	STH	9	VALID
Thurs	5:22 AM	Driver	44 Male	Eye	Motorcycle struck deer/motorcycle flipped/driver ejected/landed face first onto roadway	H.D. 2000	LOCAL	NONE	VALID
Thurs	4:28 PM	Driver	48 Male	Eye	MC veered left of animal carcass/middle of rd/SUV crested hill/mc hit brakes/went straight/collided	H.D. 1999	HWY	7	INVALID
Thurs	8:13 AM	Driver	36 Male	Helmet	Veh turned left s/b off ramp into path of w.b. mc/mc struck veh/mc driver ejected	Honda 2003	STH	14	VALID
Thurs	3:10 PM	Driver	61 Male	Helmet/Eye	N.B. motorcycle collided with e.b. auto/auto went through red light	Honda 1986	LOCAL	NONE	VALID
Thurs	8:47 PM	Passenger	46 Male	None	#1 made abrupt lane change to avoid mcs/hit #2 in left lane/came back/hit mc/mc opr/pas ejected	Honda 2001	IH	NONE	Passenger
Thurs	1:37 PM	Driver	51 Male	Eye	Motorcycle's rear tire blew while traveling on I-43/mc oper lost control/oper & pas ejected	H.D. 1994	IH	NONE	VALID
Thurs	6:59 PM	Passenger	48 Female	None	N.A.	No Acci. Rpt.	STH	N.A.	Passenger
Fri	7:53 AM	Driver	35 Male	Eye	S.B. mc attempted to pass two s.b. vehicles/lead car about to make left turn struck by mc	H.D. 1999	HWY	1,9	VALID
Fri	3:28 PM	Driver	69 Male	None	MC was about to cross intersection when struck by 2nd veh/both, in turn, struck stopped 3rd veh	H.D. 1996	USH	3	VALID
Fri	6:26 PM	Driver	50 Female	Helmet	MC continued straight on road that curved & hit guardrail on median/driver ejected & hit guardrail	Honda 2003	IH	11	VALID
Fri	2:01 AM	Driver	21 Male	Helmet	Motorcycle traveling at high speed failed to negotiate curve/crashed/driver ejected	Kawasaki 2001	LOCAL	11	VALID
Fri	8:17 PM	Driver	37 Male	None	S.B. traveling motorcyclist lost control/motorcycle slid into parked vehicle	H.D. 2002	LOCAL	11	VALID

2003 Fatally Injured Motorcyclists

DAY OF WEEK	TIME OF DAY	DRIVER OR PASSENGER	AGE & SEX	SAFETY EQUIPMENT	NARRATIVE	TYPE OF CYCLE	TYPE OF ROAD*	PCCS*	ENDORSEMENT STATUS
Fri	7:10 PM	Driver	49 Male	None	S.B. veh pulling boat/trailer turned left across n.b. lane/n.b. mc struck boat/trailer/driver ejected	H.D. 2003	STH	NONE	VALID
Fri	4:30 PM	Driver	31 Female	None	Driver of auto failed to stop for stop sign/motorcycle struck auto in intersection	H.D. 2000	STH	NONE	VALID
Fri	2:38 PM	Driver	38 Male	Helmet	Veh exiting ramp to go west onto hwy did not see e.b. mc and turned left into its path/mc hit veh	BMW 1987	STH	NONE	VALID
Fri	6:16 PM	Driver	23 Male	None	S.B. auto at stop sign/pulled into boulevard/drove into path of e.b. motorcycle	Kawasaki 1981	STH	NONE	VALID
Fri	Unknown	Driver	53 Male	Eye	MC hit loose gravel on shoulder while negotiating curve/left road/struck tree/oper missing 3 days	H.D. 1998	LOCAL	11	VALID
Fri	6:40 PM	Driver	46 Male	None	MC went onto dirt shoulder/over curb at intersection/crossed road/curb again/ditch/opr ejected	H.D. 1998	STH	1,12	VALID
Fri	4:25 PM	Driver	39 Male	Eye	MC failed to stop behind legally-stopped veh in traffic/swerved/lost control/overturned/opr ejected	Honda 1983	LOCAL	4,11	INVALID
Fri	1:13 AM	Driver	55 Male	Eye	W.B. auto made left turn into driveway/w.b. motorcycle struck auto/motorcycle operator ejected	H.D. 1998	HWY	11	VALID
Fri	9:24 PM	Driver	53 Male	Eye	MC went wide turning unto road catching edge of pavement/lost control/driver ejected	H.D. 2000	LOCAL	NONE	VALID
Fri	9:05 PM	Driver	30 Male	Eye	N.B. mini van made a left turn into path of s.b. mc/mc struck van/driver ejected	H.D. 2003	HWY	NONE	INVALID
Fri	3:07 AM	Driver	44 Male	None	MC operator approaching onramp struck curb/tipped over/slid/came to rest on onramp	H.D. 1997	LOCAL	12	VALID
Fri	Unknown	Driver	54 Male	Eye	MC driver missing for several days/Assumed he failed to negotiate curve/left road/flipped/ejected	H.D. 1999	USH	NONE	VALID
Fri	5:50 PM	Driver	41 Male	Eye	Motorcycle left roadway/onto grassy area/impacted ditch/motorcycle operator ejected	H.D. 1990	HWY	2	INVALID
Sat	1:26 PM	Driver	42 Male	None	Motorcycle hit shoulder/entered ditch/hit mound of dirt/mc airborne/driver & passenger ejected	H.D. 1998	STH	1,11	VALID
Sat	2:54 PM	Driver	34 Male	Helmet	MC left roadway/struck/broke hwy reflection post/hit ground/continued 127/struck drainage ditch	H.D. 1994	HWY	11	VALID
Sat	7:09 PM	Driver	55 Male	Eye	Motorcyclist braked on sharp curve/mc left road/down embankment/mc overtuned/driver ejected	Honda 1987	LOCAL	11	VALID
Sat	11:35 AM	Driver	44 Male	Eye	Three w.b. motorcycles/2 went ahead & slowed/3rd came over hillcrest & struck both mcs	H.D. 1994	STH	11	VALID
Sat	9:19 PM	Driver	45 Male	None	Motorcyclist left roadway onto gravel shoulder into grassy area/driver ejected	H.D. 1985	STH	11,12	VALID
Sat	2:06 AM	Driver	23 Male	Eye	Driver of pickup truck failed to stop at stop sign/struck motorcycle/mc driver ejected	H.D. 2002	LOCAL	NONE	VALID
Sat	12:25 PM	Driver	22 Male	None	E.B. veh turned left in front of e.b. mc/mc lost control while trying to avoid veh/mc driver ejected	H.D. 2001	USH	4,11	VALID
Sat	11:33 PM	Driver	50 Male	None	MC negotiating curve lost control/slid down road/driver pinned under mc when it came to stop	H.D. 2001	HWY	12	VALID
Sat	5:10 PM	Driver	40 Male	None	MC did not see auto & turned in its path/auto could not stop in time/auto struck mc/driver ejected	H.D. 1994	LOCAL	3	VALID
Sat	2:24 PM	Driver	26 Male	Helmet	E.B. vehicle turned left in front of w.b. motorcycle stuck vehicle	Ducati 2000	LOCAL	1	VALID

2003 Fatally Injured Motorcyclists

DAY OF WEEK	TIME OF DAY	DRIVER OR PASSENGER	AGE & SEX	SAFETY EQUIPMENT	NARRATIVE	TYPE OF CYCLE	TYPE OF ROAD*	PCCS*	ENDORSEMENT STATUS
Sat	4:55 PM	Driver	48 Male	None	Motorcycle left road/inot ditch/hit dip/driver ejected/victim hit post & flew 33 feet to final position	H.D. 2001	STH	NONE	VALID
Sat	11:18 PM	Driver	15 Male	None	MC pulled out from parking stall/traveled thru parking lot/accelerated to 30 mph/exit lot/lost control	Yamaha 1995	LOCAL	11	VALID
Sat	7:47 PM	Driver	47 Male	None	Motorcycle entered gravel shoulder/lost control/flipped 7 times/driver ejected	H.D. 1994	HWY	1,2,11,12	VALID
Sat	5:00 PM	Passenger	9 Male	Helmet	Motorcyclist failed to slow for traffic & collided into rear of auto/mc driver & pas ejected	H.D. 1994	LOCAL	NONE	Passenger
Sat	10:39 AM	Driver	49 Male	None	N.B. motorcyclist attempted to stop for another n.b. veh/lost control/rolled over/oper & pas ejected	H.D. 1997	USH	5	VALID
Sat	1:18 PM	Driver	22 Male	Helmet/Eye	MC on entrance ramp to I-90 lost control/oper ejected/hit by 2 vehs following in same direction	Buell 1998	IH	11	VALID
Sat	3:30 PM	Driver	41 Male	None	E.B. pickup in right lane decided to make u-turn to go west/e.b. mc in left lane struck pickup	H.D. 2003	USH	NONE	INVALID
Sat	7:35 PM	Driver	34 Male	None	S.B. van made left turn in front of n.b. motorcycle/motorcycle struck van	H.D. 2000	HWY	12	INVALID
Sun	3:14 PM	Driver	48 Male	Eye	Motorcyclist veered off onto soft grassy shoulder/lost control/tipped/skidded on asphalt	H.D. 1982	LOCAL	11	VALID
Sun	6:08 PM	Driver	56 Male	None	E.B. motorcyclist lost control/hit guardrail/driver ejected	H.D. 2000	HWY	11	VALID
Sun	8:46 PM	Passenger	40 Female	None	Motorcycle struck field cultivator being pulled by tractor	H.D. 1997	LOCAL	1,5,11	Passenger
Sun	8:46 PM	Driver	37 Male	None	Motorcycle struck field cultivator being pulled by tractor	H.D. 1997	LOCAL	1,5,11	VALID
Sun	4:04 PM	Driver	57 Male	None	Motorcycle struck deer at top of hill/lost control/driver ejected	H.D. 2003	HWY	14	VALID
Sun	7:59 PM	Driver	40 Male	None	E.B. truck turned into path of w.b. mc/mc was unable to stop/struck truck/mc's occupants ejected	Honda 1997	STH	NONE	VALID
Sun	1:47 PM	Driver	52 Female	None	Motorcyclist struck curb/driver ejected/entering parking lot	Honda 1983	LOCAL	11	INVALID
Sun	7:04 PM	Driver	24 Male	None	MC negotiating curve went into 1st ditch/struck a metal curve marker/mc went airborne/2nd ditch	H.D. 2000	HWY	2,11	VALID
Sun	4:25 PM	Driver	49 Male	Eye	E.B. vehicle turned left in front of w.b. mc/mc lost control/both occupants of mc were ejected	H.D. 2000	LOCAL	1,14	VALID
Sun	2:13 AM	Driver	28 Male	Helmet	Motorcycle struck traffic barrier/driver was ejected & thrown approx 100 ft from pt of impact	Yamaha 1999	USH	1,11,12	INVALID
Sun	4:11 AM	Driver	20 Male	Helmet	Motorcyclist going too fast/struck median/lost control/hit traffic sign/driver ejected/slid on hwy	Suzuki 2003	STH	1,11	INVALID
Sun	8:26 PM	Driver	54 Male	None	Speeding motorcyclist lost control on a curve/struck power pole & sign	Honda 1984	LOCAL	2,11,12	VALID
Sun	12:32 AM	Driver	31 Male	Eye	Motorcyclist lost control of mc while negotiating curve at high rate of speed/crashed into house	Yamaha 2003	STH	2,11,12	INVALID
Sun	2:37 AM	Driver	21 Male	None	W.B. motorcycle struck back left of legally-parked truck facing west/driver ejected	Buell 2003	LOCAL	1,2	INVALID
Sun	2:47 AM	Driver	26 Male	Helmet/Eye	Motorcycle lost control while negotiating curve/went in ditch/struck culvert pipe/driver ejected	Honda 1996	HWY	1,11,12	VALID
Sun	5:36 AM	Driver	22 Male	None	Motorcyclist was traveling at high speed/lost control/left road at bend/hit concrete retaining wall	Ducati 1998	LOCAL	1	INVALID
Sun	2:00 PM	Driver	25 Male	Eye	Vehicle struck rear of vehicle in front/lost control/struck oncoming motorcycle	Kawasaki 1977	STH	NONE	INVALID

2003 Fatally Injured Motorcyclists

DAY OF WEEK	TIME OF DAY	DRIVER OR PASSENGER	AGE & SEX	SAFETY EQUIPMENT	NARRATIVE	TYPE OF CYCLE	TYPE OF ROAD*	PCCS*	ENDORSEMENT STATUS
Sun	3:35 PM	Driver	45 Male	Eye	Motorcycle came over crest of hill/slid into guardrail/driver ejected	Yamaha 2003	STH	2	INVALID
Sun	5:30 PM	Driver	32 Male	Helmet/Eye	Motorcyclist lost control while negotiating curve/left road/mc driver ejected & impacted w/ tree	Yamaha 2001	LOCAL	2,11	VALID
Sun	12:30 AM	Driver	46 Male	None	MC went down on right/bike skidded/flipped over/traveled on left side pushing mc oper in front	H.D. 1975	LOCAL	11	VALID
Sun	12:30 PM	Driver	32 Male	Helmet/Eye	Motorcycle operator negotiating curve/struck guardrail/motorcycle operator ejected	Honda 1982	HWY	2	VALID
Sun	2:23 PM	Driver	21 Male	Helmet	E.B. Suburban made left turn north in path of s.b. motorcycle/motorcycle crashed into veh	Yamaha 1993	LOCAL	1	VALID

86 coroner reports are available (includes: 56 head, 2 spinal cord, 9 neck injuries, 1 massive trauma and 4 internal injuries, 17 multiple injuries, 12 chest injuries. [For the remaining 14 motorcyclists, information is not available or unknown at the present time].

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) 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.

RiderCoaches (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
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Website:
www.dot.wisconsin.gov/modes/motorcycles.htm

Motorcycle Safety Foundation
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