

# 1999 WISCONSIN TRAFFIC CRASH FACTS



Prepared by the  
Wisconsin Department  
of Transportation

## 1999 Facts and Figures

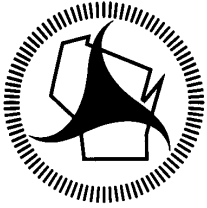
- 744 persons were killed in Wisconsin motor vehicle traffic crashes. (36% involved Alcohol, 27% involved Speed, and 14% involved both Speed and Alcohol).
- 61,577 persons were injured in 41,345 reported injury crashes and 674 fatal crashes.
- An average of 2.0 persons were killed every day on Wisconsin highways.
- The fatality rate per 100 million miles of travel was 1.31 in 1999, compared to 1.26 in 1998.
- Of the 439 drivers who were killed and tested for alcohol concentration, 159 drivers (36%) had an alcohol concentration of .10 or above.
- 55 pedestrians were killed, compared to 64 in 1998.
- Of 55 pedestrians killed, 9 (16%) had an alcohol concentration of .10 or above.
- 18 bicyclists were killed, compared to 11 in 1998.
- 65 motorcyclists were killed, the same number as in 1998.
- 39% of persons killed in passenger cars (for whom belt use was reported) were using safety restraints.
- 73% of all motorcyclists killed in crashes (for whom helmet use was reported) were not wearing helmets.
- 60% of all crashes occurred on county trunk highways and local roads.
- The total number of registered vehicles was 4,713,643 compared to 4,449,217 in 1998 (a 5.9% increase).
- The total number of licensed drivers was 3,733,077 compared to 3,709,957 in 1998 (a 0.6% increase).

**NOTE: The definition of a "reportable crash" changed starting January 1, 1996. For a Property Damage Only crash, the reporting threshold was raised from \$500 to \$1,000 to "any one person's property". Government-owned property changed to \$1,000 for government-owned vehicles, and remained at \$200 for all other government-owned property.**

**This change in the threshold most likely contributed to the decline in property damage crashes (and therefore, total crashes) as compared to prior years.**

## Crashes, Not Accidents

Traffic crashes are not accidents, but avoidable events caused by a single variable or chain of variables. The Bureau of Transportation Safety is dedicated to reducing traffic injuries and fatalities by addressing the factors that cause them.



## Wisconsin Department of Transportation

---

Tommy G. Thompson  
Governor

Terrence D. Mulcahy  
Secretary

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September, 2000

Dear Traffic Safety Partners:

The Wisconsin Department of Transportation, Bureau of Transportation Safety is pleased to provide you with a copy of the 1999 edition of the Wisconsin Traffic Crash Facts Book.

This book provides statewide information on traffic crashes, deaths and injuries. To help you identify current and emerging traffic safety issues, this information is provided in several levels of detail, including number and types of crashes, types of vehicles involved in crashes, severity of injuries, and age and sex of drivers. This information is provided as a resource for traffic safety professionals and others interested in making Wisconsin's roadways safe for the traveling public.

I want to offer special thanks to Mary McFarlane for her efforts to make this publication accurate and user friendly.

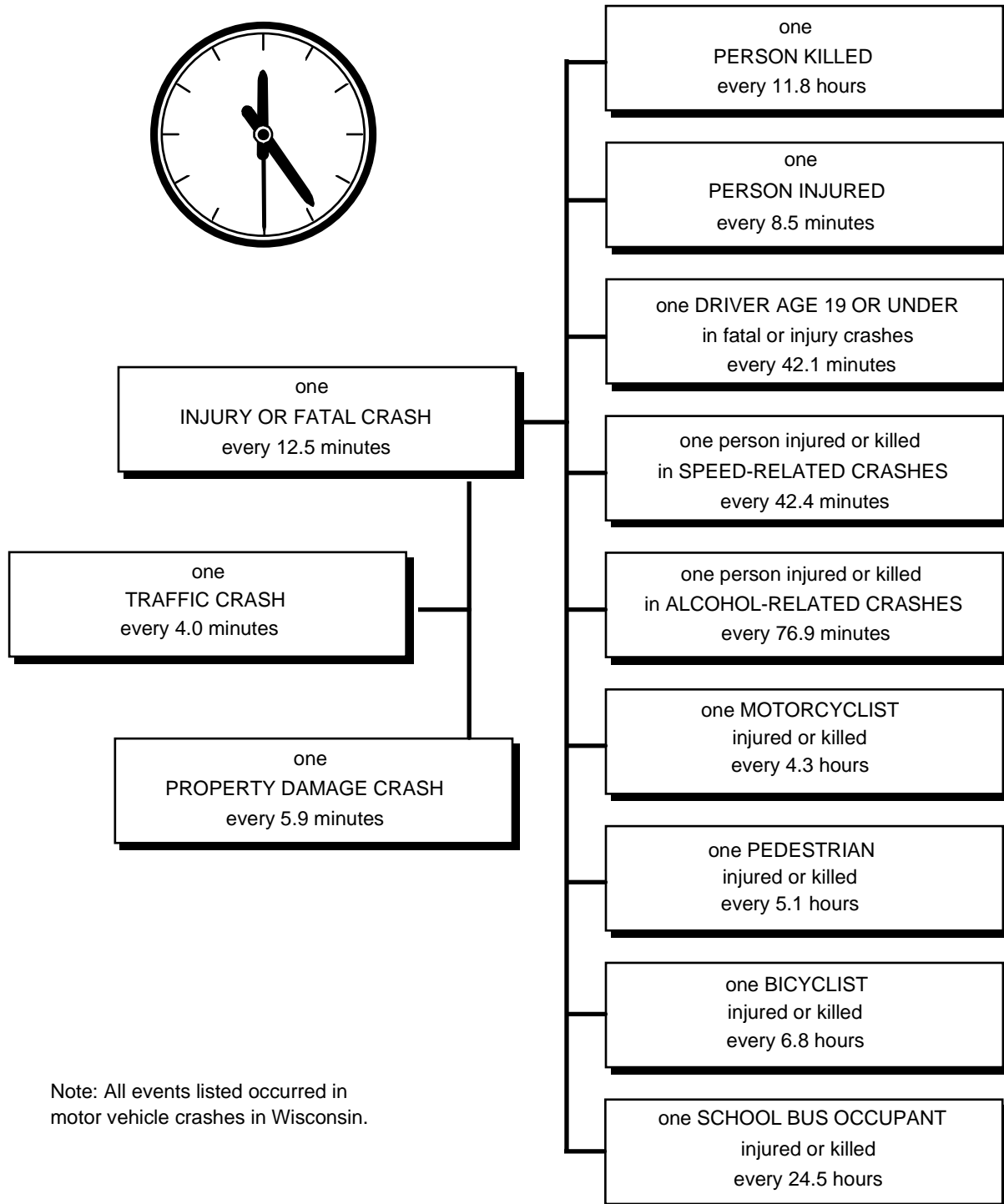
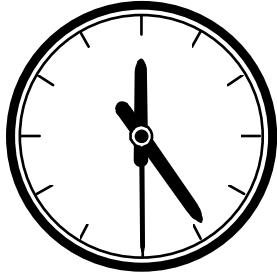
To obtain additional copies of the Crash Facts Book or for more information, please write to: Wisconsin Department of Transportation, Bureau of Transportation Safety, P.O. Box 7936, Madison, WI 53707-7936, or via Fax at (608)267-0441, or call (608)266-0402, or via email at dtim@dot.state.wi.us.

Sincerely,

A handwritten signature in cursive script, reading "John H. Evans".

John H. Evans, Director  
Bureau of Transportation Safety

# Wisconsin's Highway Safety Clock 1999



Note: All events listed occurred in motor vehicle crashes in Wisconsin.

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# I. GENERAL HIGHLIGHTS



This section provides an overview of the number of licensed drivers, registered vehicles, property damage, personal injury and fatal crashes.

Specific attention is given to aspects of personal injury and fatal crashes.

## Total Crashes by Severity with Licensed Drivers and Registered Vehicles 15 - Year Summary

Year	Fatal Crashes	Injury Crashes	Property Damage Crashes	Total Crashes	Persons Killed	Persons Injured	Licensed Drivers	Registered Vehicles
1985	672	41,647	87,296	129,615	750	60,363	3,265,322	3,418,789
1986	661	41,547	84,754	126,962	757	60,557	3,288,517	3,613,124
1987	729	42,031	87,834	130,594	817	61,500	3,313,791	3,690,578
1988	710	40,769	92,791	134,270	813	58,925	3,329,557	3,764,880
1989	714	42,673	99,395	142,782	817	62,108	3,357,339	3,839,647
1990	672	42,395	99,889	142,956	763	62,529	3,394,203	3,907,343
1991	675	40,916	97,142	138,733	795	60,055	3,473,236	3,982,901
1992	579	40,792	96,451	137,822	645	60,142	3,481,421	4,018,786
1993	616	41,216	100,453	142,285	703	60,902	3,502,347	4,129,519
1994	616	43,775	103,934	148,325	706	66,403	3,554,003	4,172,462
1995	656	43,845	104,363	148,864	739	66,232	3,601,619	4,268,618
1996	656	43,773	92,269	136,698	759	66,048	3,723,685	4,241,260
1997	631	41,962	87,361	129,954	721	63,166	3,672,469	4,503,904
1998	628	41,594	83,609	125,831	709	62,236	3,709,957	4,449,217
1999	674	41,345	88,931	130,950	744	61,577	3,733,077	4,713,643

### Recent Changes in Crash Reporting Threshold

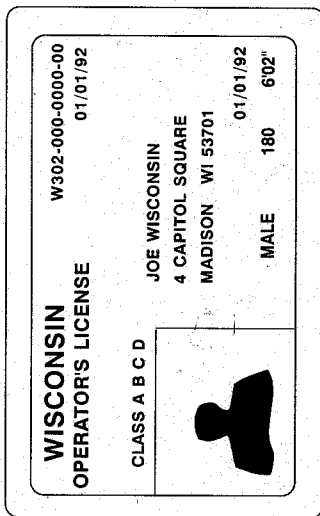
- December 20, 1979** - Property damage threshold increased from \$200 to \$400 combined damage. \$200 threshold for government-owned property.
- July 31, 1981** - Property damage threshold \$500 to "any one person's property." \$200 threshold for government-owned property.
- April 19, 1988** - Property damage threshold \$500 to "any one person's property." Government-owned property changed to \$500 for government-owned vehicles, and \$200 for all other government-owned property.
- January 1, 1996** - Property damage threshold changed to \$1,000 to "any one person's property." Government-owned property changed to \$1,000 for government-owned vehicles, and remained at \$200 for all other government-owned property.

Note: The "reporting threshold" is the minimum set of criteria that must be met before a crash is considered to be reportable. The above represent changes to the reporting threshold over recent years. See the Glossary at the end of the book for a full definition of a "reportable crash".

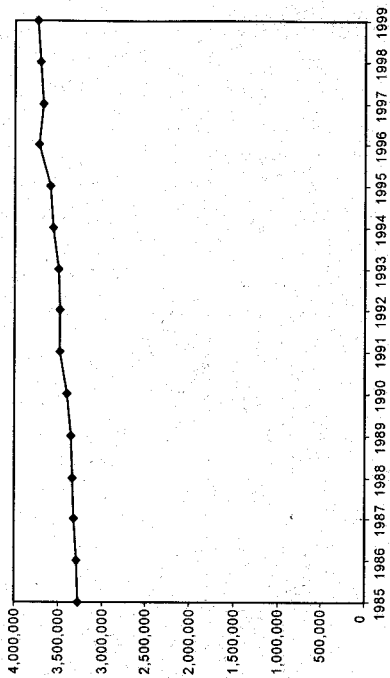
## 15-Year Summary

### Licensed Drivers

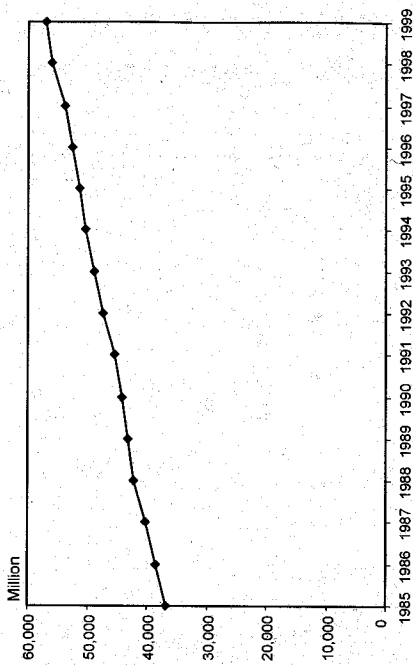
In 1999, there were  
3,733,077 licensed drivers.



### Licensed Drivers

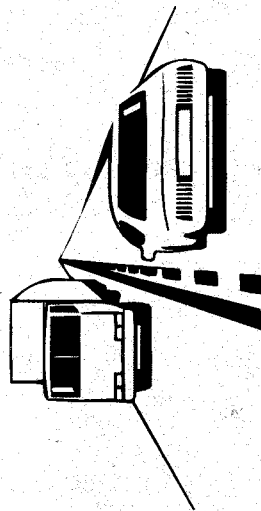


### Vehicle Miles Traveled

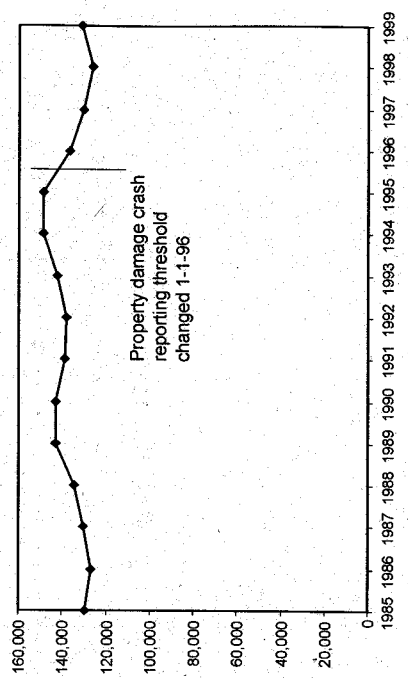


### Vehicle Miles Traveled

In 1999, there were  
56.96 billion  
vehicle miles traveled.

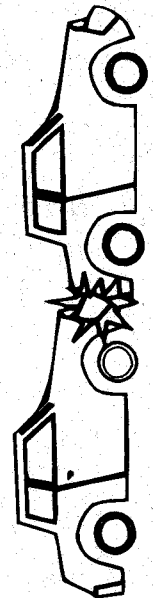
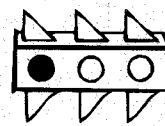


### Total Crashes

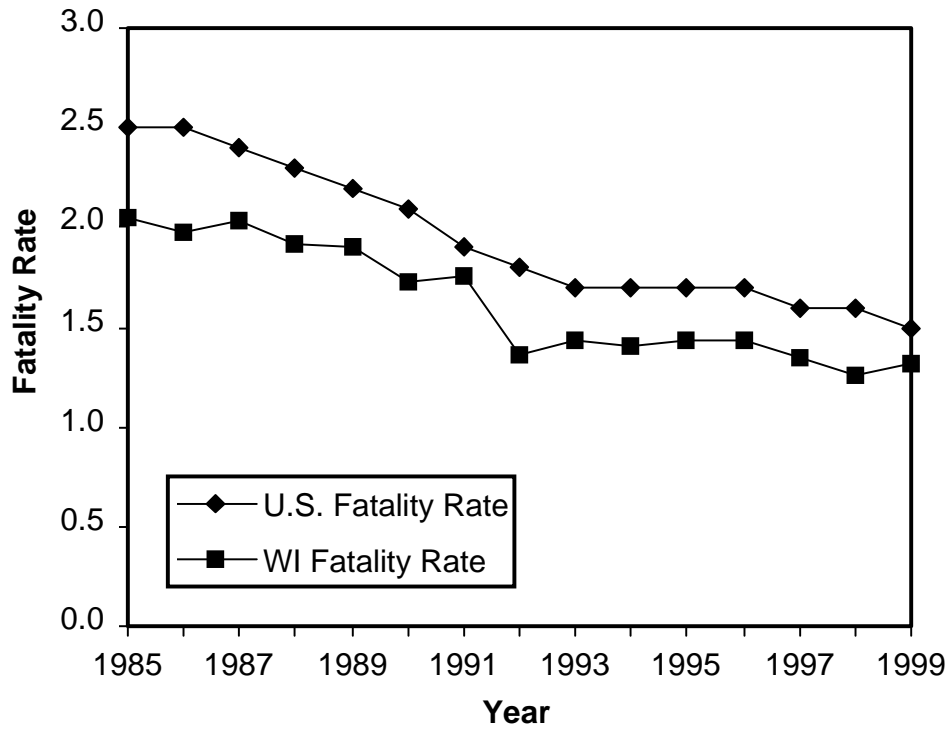


### Traffic Crashes

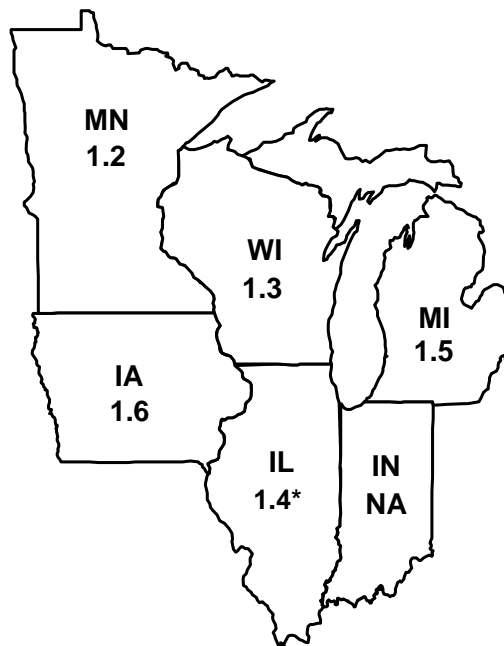
In 1999, there were  
130,950 traffic crashes.



## Wisconsin and U.S. Motor Vehicle Fatality Rates 15 - Year Summary



## 1999 Fatality Rates of Surrounding States

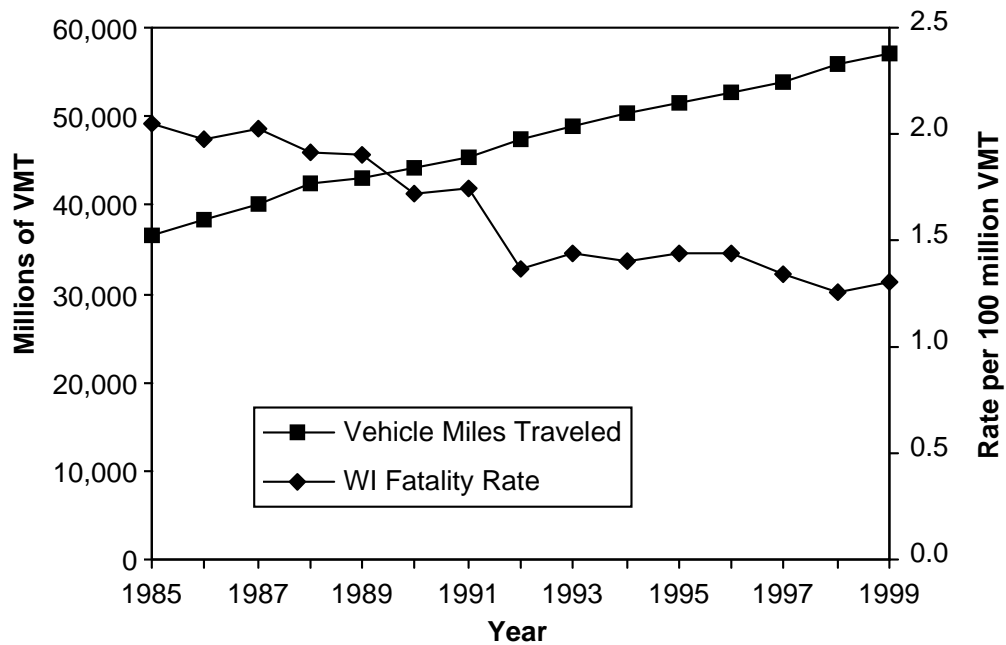


Fatality Rate = Deaths per 100 million vehicle miles traveled.  
 \*Provisional figure                      NA = Not available

## Mileage Fatality Rates 15 - Year Summary

Year	U.S. Fatality Rate	Wisconsin Fatality Rate	Change in WI Fatality Rate	Estimated Motor Vehicle Miles of Travel	Change in VMT	Fatal Crash Rate	Change in Fatal Crash Rate
1985	2.5	2.05	-13.1%	36,680 Million	3.5%	1.83	-9.3%
1986	2.5	1.97	-3.7%	38,428 Million	4.8%	1.72	-6.1%
1987	2.4	2.03	3.2%	40,194 Million	4.6%	1.81	5.4%
1988	2.3	1.92	-5.5%	42,339 Million	5.3%	1.68	-7.5%
1989	2.2	1.90	-1.3%	43,087 Million	1.8%	1.66	-1.2%
1990	2.1	1.72	-9.1%	44,276 Million	2.8%	1.52	-8.4%
1991	1.9	1.75	1.7%	45,456 Million	2.7%	1.48	-2.5%
1992	1.8	1.36	-22.3%	47,495 Million	4.5%	1.22	-17.6%
1993	1.7	1.44	5.9%	48,805 Million	2.8%	1.26	3.3%
1994	1.7	1.40	-2.8%	50,273 Million	3.0%	1.23	-2.4%
1995	1.7	1.44	2.9%	51,395 Million	2.2%	1.28	4.1%
1996	1.7	1.44	0.0%	52,639 Million	2.4%	1.25	-2.3%
1997	1.6	1.34	-6.9%	53,729 Million	2.1%	1.17	-6.4%
1998	1.6	1.26	-6.0%	56,048 Million	4.3%	1.12	-4.3%
1999	1.5	1.31	4.0%	56,960 Million	1.6%	1.18	5.4%

### Fatality Rate and VMT 1985 - 1999



Fatality Rate = Deaths per 100 million vehicle miles traveled.

## 1999 Fatal Crashes by Type of Crash and Manner of Collision

Type of Crash	Manner of Collision								TOTAL
	No collision with motor vehicle in transport	Angle	Head on	Rear end	Side swipe opposite	Side swipe same	Rear to rear	Unknown	
Motor vehicle in transport	8	180	66	23	11	6	1	2	297
Fixed object	207	3	0	0	1	1	0	2	214
Overturn	73	0	0	0	0	0	0	2	75
Pedestrian	40	4	0	2	0	0	0	2	48
Bicycle	9	2	0	0	0	1	0	0	12
Parked motor vehicle	3	1	0	3	0	0	0	0	7
Deer	6	0	0	0	0	0	0	0	6
Train	2	3	0	0	0	0	0	0	5
Motor vehicle in transport in other roadway	0	2	0	0	2	0	0	0	4
Other object-not fixed	4	0	0	0	0	0	0	0	4
Other noncollision	2	0	0	0	0	0	0	0	2
<b>TOTAL</b>	<b>354</b>	<b>195</b>	<b>66</b>	<b>28</b>	<b>14</b>	<b>8</b>	<b>1</b>	<b>8</b>	<b>674</b>

## 1999 Persons Killed by Unit Type and Role

Unit Type	Bicyclist	Driver	Motorcyclist	Moped User	Vehicle Passenger	Pedestrian	TOTAL
Automobile	-	341	-	-	152	-	493
Truck	-	88	-	-	16	-	104
Motorcycle	-	-	65	1	-	-	66
Equipment	-	8	-	-	-	-	8
Bicycle	18	-	-	-	-	-	18
Pedestrian	-	-	-	-	-	55	55
<b>TOTAL</b>	<b>18</b>	<b>437</b>	<b>65</b>	<b>1</b>	<b>168</b>	<b>55</b>	<b>744</b>

"Motorcyclist" includes motorcycle drivers and passengers.

Unit type refers to the unit of the person killed. See the glossary for definitions of the unit types.

# 1999 Fatal Crashes/Persons Killed by County



Note: Numbers represent fatal crashes/persons killed.

## 1999 Fatal Crashes and Persons Killed by County and Month

County	January		February		March		April		May		June		July		August		September		October		November		December		TOTAL		
	Crh	Dth	Crh	Dth	Crh	Dth	Crh	Dth	Crh	Dth	Crh	Dth	Crh	Dth	Crh	Dth	Crh	Dth	Crh	Dth	Crh	Dth	Crh	Dth	Crh	Dth	
Adams	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	4	5	
Ashland	-	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	2	2
Barron	1	1	-	-	-	-	4	5	-	-	2	2	1	1	2	2	-	-	1	1	2	2	1	2	14	16	
Bayfield	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1	2	2	
Brown	2	2	3	3	1	1	-	-	2	3	2	2	-	-	2	2	-	-	1	1	-	-	1	1	14	15	
Buffalo	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	1	1	-	-	-	-	4	5	
Burnett	-	-	-	-	-	-	-	-	2	2	1	1	-	-	1	1	1	1	2	2	-	-	-	-	7	7	
Calumet	-	-	1	1	-	-	1	1	1	1	-	-	1	2	1	1	-	-	-	-	1	1	1	1	7	8	
Chippewa	-	-	-	-	-	-	-	-	1	1	-	-	2	2	-	-	2	2	-	-	1	1	-	-	6	6	
Clark	1	1	-	-	-	-	-	-	-	-	5	5	-	-	1	1	-	-	1	1	1	1	2	2	11	11	
Columbia	-	-	1	2	-	-	1	1	-	-	1	1	-	-	1	2	1	1	-	-	2	2	-	-	7	9	
Crawford	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	2	2	2	2	-	-	5	5	
Dane	2	2	1	1	4	4	1	1	2	2	2	2	6	7	3	3	-	-	4	4	3	3	2	2	30	31	
Dodge	1	1	2	2	-	-	1	1	-	-	2	2	4	5	4	5	1	1	2	2	2	2	-	-	19	21	
Door	1	1	1	1	1	3	-	-	-	-	-	-	1	1	1	1	-	-	1	1	2	2	-	-	8	10	
Douglas	-	-	-	-	-	-	1	1	2	2	1	2	1	1	-	-	1	1	-	-	1	1	2	2	9	10	
Dunn	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	1	1	-	-	1	1	1	1	5	5	
Eau Claire	1	2	-	-	1	1	-	-	-	-	2	2	1	1	1	1	1	1	1	1	-	-	1	1	9	10	
Florence	-	-	-	-	-	-	-	-	1	1	-	-	1	1	1	1	-	-	1	1	1	2	1	1	6	7	
Fond du Lac	-	-	-	-	1	1	2	2	1	1	1	1	2	3	2	2	2	2	1	1	-	-	2	2	14	15	
Forest	-	-	-	-	1	1	-	-	-	-	1	1	2	2	1	1	-	-	-	-	1	3	-	-	6	8	
Grant	-	-	-	-	3	3	1	1	-	-	1	1	-	-	2	2	-	-	1	1	-	-	1	1	9	9	
Green	1	1	-	-	-	-	1	1	2	2	-	-	-	-	1	1	-	-	1	1	-	-	3	3	9	9	
Green Lake	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
Iowa	-	-	-	-	-	-	-	-	2	2	-	-	2	2	-	-	-	-	-	-	1	1	-	-	5	5	
Iron	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	1	1	-	-	3	3	
Jackson	-	-	-	-	-	-	-	-	1	1	2	2	1	1	-	-	2	3	2	3	-	-	-	-	8	10	
Jefferson	2	2	1	1	-	-	-	-	3	4	1	1	-	-	1	1	1	1	2	2	-	-	3	3	14	15	
Juneau	2	2	-	-	1	1	2	2	2	2	-	-	-	-	1	1	4	4	-	-	-	-	-	-	12	12	
Kenosha	1	1	2	2	-	-	1	1	-	-	-	-	2	2	-	-	3	3	-	-	2	2	3	3	14	14	
Kewaunee	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	1	1	2	2	
La Crosse	-	-	-	-	-	-	1	1	-	-	-	-	1	1	1	1	1	1	1	1	-	-	-	-	5	5	
Lafayette	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	3	3	
Langlade	-	-	-	-	1	1	3	3	-	-	2	2	1	1	-	-	3	3	-	-	-	-	-	-	10	10	
Lincoln	-	-	-	-	1	1	2	2	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	5	5	
Manitowoc	1	1	2	3	2	4	2	2	-	-	2	2	1	1	2	2	2	2	2	2	-	-	-	-	16	19	

Continued



## 1999 Fatal Crashes and Persons Killed by County and Month

County	January		February		March		April		May		June		July		August		September		October		November		December		TOTAL	
	Crh	Dth	Crh	Dth	Crh	Dth	Crh	Dth	Crh	Dth	Crh	Dth	Crh	Dth	Crh	Dth	Crh	Dth	Crh	Dth	Crh	Dth	Crh	Dth	Crh	Dth
Marathon	-	-	1	1	2	3	2	2	-	-	-	-	1	1	1	1	3	3	3	3	-	-	3	3	16	17
Marinette	-	-	-	-	-	-	-	-	3	4	-	-	2	3	-	-	2	2	-	-	2	2	1	1	10	12
Marquette	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	1	-	-	-	-	2	2
Menominee	-	-	-	-	1	1	1	1	1	1	1	1	1	2	-	-	-	-	-	-	-	-	-	-	5	6
Milwaukee	2	2	-	-	4	4	5	6	4	5	5	5	5	5	3	3	4	4	3	3	2	2	6	6	43	45
Monroe	0	0	1	1	-	-	-	-	2	3	1	1	1	1	-	-	1	1	1	1	1	1	-	-	8	9
Oconto	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	4	4	-	-	3	3	9	9
Oneida	-	-	-	-	-	-	1	1	1	1	-	-	1	1	-	-	-	-	1	1	-	-	-	-	4	4
Outagamie	1	1	1	1	-	-	4	4	2	2	1	1	2	2	1	1	3	3	1	1	1	1	5	7	22	24
Ozaukee	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	2	2	1	2	1	1	5	6
Pepin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Pierce	-	-	-	-	-	-	2	2	1	1	1	1	-	-	-	-	-	-	1	1	1	1	3	3	9	9
Polk	-	-	-	-	1	3	-	-	3	4	1	1	1	1	-	-	2	2	2	2	-	-	3	4	13	17
Portage	-	-	1	2	3	3	1	1	2	2	1	1	2	2	2	2	1	1	2	3	-	-	1	1	16	18
Price	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1
Racine	3	3	-	-	1	1	-	-	1	2	-	-	-	-	4	4	1	1	-	-	2	2	-	-	12	13
Richland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	1	1	-	-	2	2
Rock	-	-	2	2	4	10	3	3	1	1	4	4	-	-	-	-	2	2	1	1	2	2	1	1	20	26
Rusk	1	1	-	-	1	2	1	1	1	1	-	-	1	1	-	-	1	1	-	-	-	-	1	1	7	8
St. Croix	1	1	1	1	-	-	2	2	1	2	1	1	-	-	3	3	2	2	2	2	1	1	-	-	14	15
Sauk	-	-	-	-	1	1	1	1	1	1	1	1	3	3	1	1	1	1	-	-	2	2	3	3	14	14
Sawyer	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	1	1	2	-	-	-	-	3	4
Shawano	1	1	-	-	-	-	1	1	2	2	-	-	3	6	3	4	2	2	-	-	2	3	1	1	15	20
Sheboygan	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	3	3	3	3	2	3	11	12
Taylor	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1	1	-	-	-	-	-	-	2	2
Trempealeau	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	1	1
Vernon	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	2	2	-	-	-	-	-	-	4	4
Vilas	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	2	-	-	-	-	-	-	1	2	3	5
Walworth	-	-	-	-	-	-	-	-	1	1	-	-	3	3	3	7	4	5	7	10	1	1	1	1	20	28
Washburn	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1	1	-	-	2	2
Washington	-	-	1	1	3	4	3	3	1	1	1	1	2	2	1	1	1	1	-	-	3	3	2	2	18	19
Waukesha	3	3	-	-	1	1	1	1	1	1	2	2	3	3	-	-	2	2	5	5	3	3	4	4	25	25
Waupaca	2	2	-	-	-	-	-	-	-	-	-	-	1	1	2	2	2	2	1	1	-	-	1	3	9	11
Waushara	-	-	-	-	-	-	1	1	2	2	-	-	-	-	2	2	1	1	2	2	1	1	-	-	9	9
Winnebago	1	1	-	-	-	-	-	-	1	1	-	-	-	-	2	2	2	2	1	1	1	1	2	2	10	10
Wood	-	-	-	-	-	-	-	-	1	1	2	2	-	-	-	-	1	1	-	-	1	1	-	-	5	5
<b>TOTAL</b>	<b>34</b>	<b>35</b>	<b>26</b>	<b>29</b>	<b>41</b>	<b>56</b>	<b>53</b>	<b>55</b>	<b>57</b>	<b>65</b>	<b>55</b>	<b>56</b>	<b>68</b>	<b>77</b>	<b>62</b>	<b>70</b>	<b>74</b>	<b>77</b>	<b>74</b>	<b>80</b>	<b>56</b>	<b>61</b>	<b>74</b>	<b>83</b>	<b>674</b>	<b>744</b>

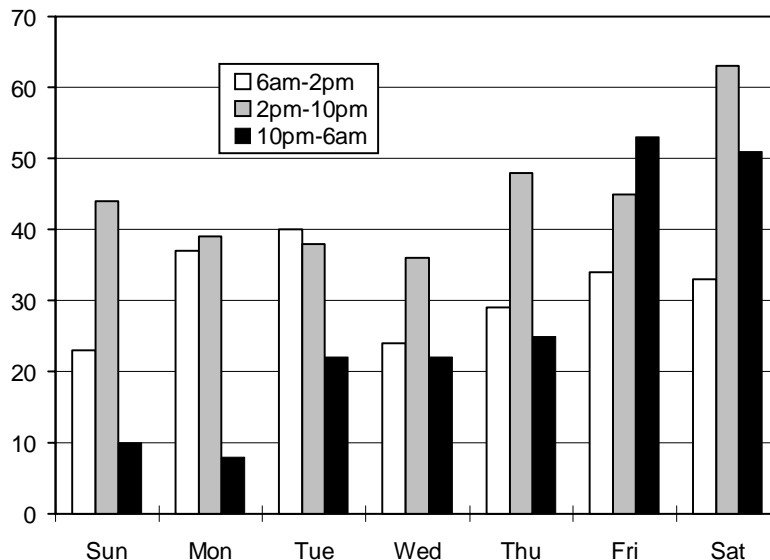
Crh = Crashes    Dth = Deaths

## 1999 Persons Killed by Time of Day and Day of Week

Time of Day	Day of Week							Total Persons Killed
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
12-1 AM	6	1	1	2	10	1	5	26
1-2 AM	8	1	0	4	3	7	7	30
2-3 AM	16	2	0	7	2	8	12	47
3-4 AM	7	0	0	4	1	0	8	20
4-5 AM	0	0	1	0	0	0	5	6
5-6 AM	2	2	1	1	2	4	2	14
6-7 AM	0	2	8	2	6	1	4	23
7-8 AM	4	1	9	2	6	1	2	25
8-9 AM	2	3	6	1	4	2	6	24
9-10 AM	2	5	5	0	3	5	2	22
10-11 AM	3	6	4	3	1	3	6	26
11-12 PM	3	5	1	2	6	9	4	30
12-1 PM	5	10	3	7	2	6	4	37
1-2 PM	4	5	4	7	1	7	5	33
2-3 PM	7	3	2	3	11	5	10	41
3-4 PM	9	7	6	9	8	9	13	61
4-5 PM	8	4	8	5	7	4	8	44
5-6 PM	6	8	6	4	5	9	5	43
6-7 PM	0	8	8	3	3	9	8	39
7-8 PM	8	3	0	3	7	3	6	30
8-9 PM	3	1	1	4	4	3	6	22
9-10 PM	3	5	7	5	3	3	7	33
10-11 PM	4	1	4	3	3	7	8	30
11-12 AM	0	4	0	1	2	7	4	18
Unknown	8	2	0	1	3	4	2	20
<b>TOTAL</b>	<b>118</b>	<b>89</b>	<b>85</b>	<b>83</b>	<b>103</b>	<b>117</b>	<b>149</b>	<b>744</b>

Note: This report counts persons killed, not crashes.

### 1999 Persons Killed by Time of Day and Day of Week



Note: The 10PM-6AM group represents from 10PM on the day listed to 6AM the following morning.

## 1999 Persons Killed or Injured by Age and Role

Age	Bicyclist		Driver		Motorcyclist		Moped User		Vehicle Passenger		Pedestrian		Total Persons Injured or Killed	
	K	I	K	I	K	I	K	I	K	I	K	I	K	I
1-2	0	2	0	0	0	1	0	0	3	303	1	20	4	326
3	0	0	0	0	0	0	0	0	2	207	2	35	4	242
4	0	8	0	0	0	0	0	0	2	269	0	34	2	311
5-9	1	164	0	3	0	2	0	0	6	1,486	7	246	14	1,901
10-14	2	466	1	50	0	10	0	1	9	1,875	2	247	14	2,649
15	0	72	1	71	0	8	0	0	6	975	0	56	7	1,182
16	0	34	8	1,650	0	14	0	5	13	1,138	0	37	21	2,878
17	0	27	8	1,685	0	22	0	4	6	995	1	45	15	2,778
18	0	33	16	1,755	1	43	0	6	13	859	1	45	31	2,741
19	0	30	14	1,488	2	62	0	2	8	648	2	36	26	2,266
20	1	25	12	1,339	2	89	0	4	2	575	0	29	17	2,061
21	0	33	16	1,215	1	67	0	3	6	527	1	33	24	1,878
22	0	18	18	1,059	1	66	0	3	5	378	0	33	24	1,557
23	0	12	15	947	1	59	0	0	1	335	0	21	17	1,374
24	2	13	9	875	2	50	0	1	2	331	0	29	15	1,299
25-34	2	111	75	7,863	17	473	0	3	16	2,199	5	180	115	10,829
35-44	1	114	70	7,207	19	506	0	4	10	1,771	4	190	104	9,792
45-54	3	74	52	4,929	10	329	0	13	12	1,220	5	127	82	6,692
55-64	3	21	45	2,573	6	123	0	4	8	789	2	70	64	3,580
65-74	2	12	24	1,682	2	28	0	8	10	679	5	57	43	2,466
75-84	1	4	37	1,064	1	5	1	0	15	535	9	59	64	1,667
85 & over	0	0	16	232	0	0	0	0	9	144	8	15	33	391
Unknown	0	6	0	41	0	8	0	0	4	653	0	9	4	717
<b>TOTAL</b>	<b>18</b>	<b>1,279</b>	<b>437</b>	<b>37,728</b>	<b>65</b>	<b>1,965</b>	<b>1</b>	<b>61</b>	<b>168</b>	<b>18,891</b>	<b>55</b>	<b>1,653</b>	<b>744</b>	<b>61,577</b>

I = Injured      K = Killed      "Motorcyclist" includes both motorcycle drivers and passengers.

### Largest Multi-Fatal Crashes in Wisconsin

#### In Wisconsin History

<u>Date</u>	<u>County</u>	<u>Total Killed</u>
5-30-37	Manitowoc	9
7-27-40	Richland	8
1940*	Manitowoc	8
2-12-97	Washington	8
7-2-60	Sauk	7
8-9-80	Dodge	7

#### In Wisconsin - 1999

<u>Date</u>	<u>County</u>	<u>Total Killed</u>
3-25-99	Rock	7

### Largest Multi-Injury Crash in Wisconsin - 1999

<u>Date</u>	<u>County</u>	<u>Total Injured</u>	<u>Number of Vehicles</u>
10-11-99	Buffalo	44	Car / 3 school buses

## 1999 Persons Killed by Age, Role, Sex - Urban Area

Age	Role by Sex															Total Persons Killed			
	Bicyclist			Driver			Motorcyclist			Vehicle Passenger			Pedestrian						
	F	M	Tot	F	M	Tot	F	M	Tot	F	M	Tot	F	M	Tot	F	M	Tot	
1-2	-	-	-	-	-	-	-	-	-	1	-	1	-	1	1	1	1	1	2
3	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	1	1	2	2
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
5-9	-	-	-	-	-	-	-	-	-	1	2	3	-	1	1	1	3	4	4
10-14	-	1	1	-	-	-	-	-	-	-	-	-	1	1	2	1	2	3	3
15	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	1	-	1	1
16	-	-	-	-	1	1	-	-	-	2	1	3	-	-	-	2	2	4	4
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
18	-	-	-	-	2	2	-	1	1	-	2	2	-	-	-	-	5	5	5
19	-	-	-	2	1	3	-	-	-	-	-	-	-	-	-	2	1	3	3
20	-	-	-	-	1	1	-	-	-	-	1	1	-	-	-	-	2	2	2
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
22	-	-	-	1	-	1	-	1	1	1	-	1	-	-	-	2	1	3	3
23	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-	1	1	2	2
24	-	1	1	-	2	2	-	-	-	1	-	1	-	-	-	1	3	4	4
25-34	1	1	2	1	7	8	1	4	5	-	-	-	-	-	-	3	12	15	15
35-44	-	-	-	4	5	9	-	5	5	-	-	-	-	1	1	4	11	15	15
45-54	-	1	1	1	5	6	-	1	1	1	1	2	-	3	3	2	11	13	13
55-64	-	1	1	1	4	5	-	3	3	2	-	2	1	-	1	4	8	12	12
65-74	-	1	1	-	-	-	-	-	-	2	-	2	2	1	3	4	2	6	6
75-84	-	1	1	3	7	10	-	-	-	3	1	4	2	2	4	8	11	19	19
85 & over	-	-	-	1	3	4	-	-	-	2	-	2	5	1	6	8	4	12	12
Unknown	-	-	-	-	-	-	-	-	-	1	1	2	-	-	-	1	1	2	2
TOTAL	1	7	8	15	39	54	1	15	16	18	9	27	12	12	24	47	82	129	129

F = Females      M = Males      Tot = Total  
 Urban Area = An incorporated area with a population of 5,000 or more.  
 "Motorcyclist" includes motorcycle drivers and passengers.  
 There were no moped users killed in urban area crashes during 1999.  
 Note: This report counts persons killed, not crashes.

## 1999 Persons Killed by Age, Role, Sex - Rural Area

Age	Role by Sex															Total Persons Killed				
	Bicyclist			Driver			Motorcyclist			Moped User		Vehicle Passenger			Pedestrian					
	F	M	Tot	F	M	Tot	F	M	Tot	M	Tot	F	M	Tot	F	M	Tot	F	M	Tot
1-2	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	2	2
3	-	-	-	-	-	-	-	-	-	-	-	1	1	2	-	-	-	1	1	2
4	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	2	2
5-9	1	-	1	-	-	-	-	-	-	-	-	-	3	3	4	2	6	5	5	10
10-14	1	-	1	-	1	1	-	-	-	-	-	4	5	9	-	-	-	5	6	11
15	-	-	-	-	1	1	-	-	-	-	-	2	3	5	-	-	-	2	4	6
16	-	-	-	1	6	7	-	-	-	-	-	7	3	10	-	-	-	8	9	17
17	-	-	-	4	4	8	-	-	-	-	-	1	5	6	-	1	1	5	10	15
18	-	-	-	5	9	14	-	-	-	-	-	5	6	11	1	-	1	11	15	26
19	-	-	-	4	7	11	1	1	2	-	-	2	6	8	-	2	2	7	16	23
20	-	1	1	7	4	11	1	1	2	-	-	-	1	1	-	-	-	8	7	15
21	-	-	-	3	13	16	-	1	1	-	-	2	4	6	-	1	1	5	19	24
22	-	-	-	1	16	17	-	-	-	-	-	2	2	4	-	-	-	3	18	21
23	-	-	-	4	9	13	-	1	1	-	-	-	1	1	-	-	-	4	11	15
24	-	1	1	-	7	7	-	2	2	-	-	1	-	1	-	-	-	1	10	11
25-34	-	-	-	22	45	67	3	9	12	-	-	6	10	16	1	4	5	32	68	100
35-44	-	1	1	17	44	61	3	11	14	-	-	6	4	10	1	2	3	27	62	89
45-54	-	2	2	12	34	46	1	8	9	-	-	7	3	10	1	1	2	21	48	69
55-64	1	1	2	10	30	40	-	3	3	-	-	3	3	6	-	1	1	14	38	52
65-74	-	1	1	8	16	24	1	1	2	-	-	8	-	8	1	1	2	18	19	37
75-84	-	-	-	8	19	27	-	1	1	1	1	7	4	11	1	4	5	16	29	45
85 and over	-	-	-	2	10	12	-	-	-	-	-	4	3	7	2	-	2	8	13	21
Unknown	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	2	2
TOTAL	3	7	10	108	275	383	10	39	49	1	1	68	73	141	12	19	31	201	414	615

F = Females      M = Males      Tot = Total

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

"Motorcyclist" includes motorcycle drivers and passengers.

Note: This report counts persons killed, not crashes.

### 1999 Injury Crashes and Total Persons Injured\* by County and Month

County	January		February		March		April		May		June		July		August		September		October		November		December		TOTALS	
	Crsh	Injrd	Crsh	Injrd	Crsh	Injrd	Crsh	Injrd	Crsh	Injrd	Crsh	Injrd	Crsh	Injrd	Crsh	Injrd	Crsh	Injrd	Crsh	Injrd	Crsh	Injrd	Crsh	Injrd	Crsh	Injrd
Adams	9	15	8	10	8	12	6	9	15	27	12	17	23	41	17	25	16	26	15	20	10	15	12	20	151	237
Ashland	7	9	6	9	4	7	2	2	5	6	8	9	13	16	6	6	7	12	8	9	5	6	6	8	77	99
Barron	39	52	22	26	19	26	24	43	32	47	32	48	29	47	32	51	35	49	33	48	28	44	33	48	358	529
Bayfield	3	9	12	14	3	3	8	15	1	1	4	10	5	10	9	18	5	8	3	3	9	14	15	19	77	124
Brown	114	160	97	137	93	133	115	172	125	190	130	210	148	232	131	172	133	206	148	227	132	201	169	249	1,535	2,289
Buffalo	6	9	4	6	7	9	7	17	5	11	3	4	10	14	9	15	11	22	7	53	5	7	12	14	86	181
Burnett	7	11	3	5	7	11	10	14	8	16	11	21	13	17	13	20	5	13	8	12	14	18	15	20	114	178
Calumet	13	14	9	17	7	11	15	21	15	28	16	27	27	41	21	31	20	35	15	21	19	24	21	27	198	297
Chippewa	39	58	29	40	28	34	35	48	31	43	41	60	32	42	41	58	27	44	31	35	41	56	42	63	417	581
Clark	11	16	14	23	5	5	13	19	20	26	15	28	22	29	18	30	20	38	20	29	19	24	17	21	194	288
Columbia	40	55	34	53	30	44	26	32	40	63	33	46	34	47	43	63	39	66	33	46	30	48	44	62	426	625
Crawford	12	17	7	10	12	19	9	14	13	20	21	34	20	31	14	22	12	22	14	22	11	15	8	10	153	236
Dane	283	398	213	290	253	371	235	327	266	382	276	401	298	459	297	483	284	401	275	390	274	393	324	435	3,278	4,730
Dodge	36	55	42	58	36	54	40	64	38	61	49	72	35	52	53	88	44	61	43	61	40	67	76	102	532	795
Door	11	16	16	25	6	9	11	14	20	32	16	25	30	54	28	52	24	28	13	25	14	26	19	25	208	331
Douglas	24	28	27	43	31	39	26	36	30	38	41	64	35	49	23	34	22	39	28	45	26	43	21	32	334	490
Dunn	22	29	18	23	19	28	25	36	28	36	25	46	31	41	27	40	13	22	25	36	21	38	34	45	288	420
Eau Claire	68	111	41	58	47	73	48	81	73	113	58	85	75	109	73	112	81	105	68	108	44	55	61	82	737	1,092
Florence	2	3	3	5	3	5	2	4	5	6	3	3	3	10	7	12	5	6	1	2	2	7	2	3	38	66
Fond du Lac	63	84	48	72	57	94	62	83	71	101	68	104	89	130	77	111	73	96	78	123	54	87	83	125	823	1,210
Forest	1	1	2	2	3	3	1	1	4	5	5	9	2	3	4	10	7	8	5	12	4	6	8	10	46	70
Grant	29	43	23	34	21	34	27	47	18	21	28	38	31	44	23	37	25	32	29	57	24	33	36	48	314	468
Green	9	10	16	21	16	21	17	33	27	32	23	50	29	37	21	29	28	41	16	24	23	31	24	38	249	367
Green Lake	3	3	8	12	7	7	3	3	10	13	4	16	12	13	17	32	12	21	13	17	8	11	12	19	109	167
Iowa	19	24	8	10	8	9	11	13	11	20	20	31	13	25	18	28	16	19	14	25	20	33	18	24	176	261
Iron	7	11	3	4	0	0	1	1	3	3	3	3	2	5	4	5	3	7	4	5	1	1	5	5	36	50
Jackson	22	32	7	8	5	10	14	17	26	41	18	29	10	15	17	22	17	32	14	25	10	14	26	37	186	282
Jefferson	33	41	34	41	35	55	33	46	36	53	38	54	41	53	44	59	49	68	37	61	39	63	58	76	477	670
Juneau	23	30	11	14	19	28	9	19	13	22	20	31	15	21	14	30	20	28	15	27	23	27	21	34	203	311
Kenosha	121	212	77	112	97	145	96	149	101	149	129	192	125	198	112	157	140	225	96	155	99	150	123	165	1,316	2,009
Kewaunee	11	13	5	6	8	12	9	21	17	26	9	10	7	11	16	23	6	12	7	8	6	7	9	20	110	169
La Crosse	56	74	38	50	52	68	56	78	74	110	79	104	98	170	87	133	67	96	91	143	74	107	71	91	843	1,224
Lafayette	16	22	18	23	12	14	9	11	9	10	8	14	11	17	12	14	9	12	11	14	11	17	23	35	149	203
Langlade	14	19	8	12	11	16	9	13	15	17	12	22	7	12	16	25	18	26	10	16	19	32	6	10	145	220
Lincoln	28	37	22	31	8	16	14	27	13	22	22	37	25	41	22	39	22	44	21	28	14	21	20	27	231	370
Manitowoc	41	60	33	44	43	65	38	71	49	64	51	67	63	97	67	97	67	86	64	90	50	63	49	67	615	871

Continued

## 1999 Injury Crashes and Total Persons Injured\* by County and Month

County	January		February		March		April		May		June		July		August		September		October		November		December		TOTALS	
	Crsh	Injrd	Crsh	Injrd	Crsh	Injrd	Crsh	Injrd	Crsh	Injrd	Crsh	Injrd	Crsh	Injrd	Crsh	Injrd	Crsh	Injrd	Crsh	Injrd	Crsh	Injrd	Crsh	Injrd	Crsh	Injrd
Marathon	74	101	64	91	61	83	83	111	75	116	103	149	83	128	95	143	77	118	94	125	77	111	91	138	977	1,414
Marinette	21	28	24	30	21	29	18	22	32	61	21	26	43	63	32	44	28	36	25	35	32	42	30	48	327	464
Marquette	7	11	9	13	4	4	4	4	8	15	10	11	18	23	8	11	14	23	6	9	7	16	11	12	106	152
Menominee	1	3	1	3	0	3	0	0	1	3	2	5	1	4	1	3	2	3	1	4	2	4	1	1	13	36
Milwaukee	686	1,044	545	842	638	978	652	983	820	1,213	823	1,231	857	1,336	758	1,142	770	1,174	783	1,210	672	1,007	812	1,214	8,816	13,374
Monroe	41	69	20	27	23	29	24	35	27	47	32	52	36	45	32	44	27	42	25	35	29	42	47	65	363	532
Oconto	31	47	25	35	15	17	20	27	29	49	23	31	29	38	28	53	26	46	19	28	24	37	36	54	305	462
Oneida	18	31	8	15	20	22	13	20	23	36	16	29	26	46	43	62	18	28	23	39	28	37	24	29	260	394
Outagamie	120	169	74	111	81	117	89	142	129	186	119	197	99	161	93	137	110	151	101	144	99	147	108	150	1,222	1,812
Ozaukee	40	55	19	25	32	48	24	40	39	65	43	52	43	62	22	35	46	59	34	49	22	30	28	37	392	557
Pepin	8	13	4	6	3	5	4	5	4	6	6	8	7	9	3	6	0	0	4	8	4	8	6	8	53	82
Pierce	19	24	14	20	13	19	15	23	17	24	21	28	14	20	16	28	13	19	18	27	16	24	18	33	194	289
Polk	15	25	14	22	16	30	22	40	18	30	28	43	26	56	18	31	25	39	19	27	17	20	25	38	243	401
Portage	40	50	42	58	25	35	48	66	38	69	37	56	48	67	53	77	60	75	43	67	33	50	43	62	510	732
Price	5	6	10	12	1	1	7	8	6	11	13	18	10	19	4	4	9	10	4	6	18	26	9	14	96	135
Racine	138	211	115	179	115	170	108	167	149	235	166	253	158	229	142	211	165	252	132	203	121	188	149	216	1,658	2,514
Richland	5	5	11	15	13	18	14	23	18	24	11	19	12	18	15	22	9	14	12	16	10	13	12	19	142	206
Rock	120	175	85	119	113	188	98	142	121	202	113	174	143	223	109	172	117	170	98	153	86	128	130	175	1,333	2,021
Rusk	10	12	9	14	5	8	5	7	9	14	15	21	12	16	12	18	16	30	11	17	10	15	8	14	122	186
St. Croix	51	78	24	41	24	40	36	44	45	60	35	45	45	64	36	52	42	59	43	66	39	62	46	59	466	670
Sauk	38	61	16	24	28	38	38	62	49	75	74	118	73	140	62	115	29	47	43	66	31	44	68	97	549	887
Sawyer	7	13	5	6	12	14	8	12	8	12	18	25	15	24	12	16	2	2	16	23	9	18	19	24	131	189
Shawano	14	20	26	40	29	47	20	30	21	34	32	47	35	57	31	46	31	44	33	48	16	30	37	51	325	494
Sheboygan	56	88	53	84	45	58	54	79	72	110	75	106	93	124	76	117	60	91	65	98	54	75	52	100	755	1,130
Taylor	12	13	12	19	10	13	9	16	14	20	10	12	5	12	15	19	14	19	15	23	14	19	14	18	144	203
Trempealeau	13	17	11	11	18	31	9	12	17	29	16	24	12	20	16	20	9	20	13	18	17	20	14	23	165	245
Vernon	12	13	15	20	9	12	19	33	17	23	13	26	22	35	25	41	15	22	16	21	16	33	24	35	203	314
Vilas	13	22	18	26	4	14	5	9	15	29	16	24	30	47	18	29	13	19	11	16	15	20	16	23	174	278
Walworth	52	69	41	60	39	57	27	36	49	77	66	90	64	101	62	90	61	88	51	90	33	48	63	85	608	891
Washburn	8	12	9	15	3	4	6	10	7	9	6	6	16	30	10	16	15	28	9	11	15	23	17	25	121	189
Washington	65	96	47	72	48	85	56	83	49	65	79	119	79	117	57	90	63	89	64	90	59	78	69	98	735	1,082
Waukesha	203	311	134	219	168	222	147	217	199	263	212	324	229	344	218	315	211	327	201	294	187	267	259	372	2,368	3,475
Waupaca	29	42	27	32	22	35	31	43	30	48	28	54	32	43	40	57	30	42	35	52	19	25	40	61	363	534
Waushara	12	19	7	11	8	9	19	27	18	25	7	8	23	37	22	34	17	31	9	16	12	19	9	13	163	249
Winnebago	128	166	75	103	73	123	73	109	102	147	109	165	117	166	86	126	101	153	99	130	90	129	117	161	1,170	1,678
Wood	57	75	35	45	30	44	49	73	45	72	53	82	51	69	39	48	47	76	45	70	43	67	50	75	544	796
<b>TOTAL</b>	<b>3,411</b>	<b>4,975</b>	<b>2,614</b>	<b>3,813</b>	<b>2,789</b>	<b>4,140</b>	<b>2,920</b>	<b>4,361</b>	<b>3,587</b>	<b>5,359</b>	<b>3,782</b>	<b>5,699</b>	<b>4,069</b>	<b>6,226</b>	<b>3,742</b>	<b>5,657</b>	<b>3,674</b>	<b>5,502</b>	<b>3,533</b>	<b>5,356</b>	<b>3,199</b>	<b>4,726</b>	<b>4,025</b>	<b>5,763</b>	<b>41,345</b>	<b>61,577</b>

\*Note: Total injured includes persons injured in fatal and injury crashes.

Crsh = Crashes

Injrd = Injured

### 1999 Persons Injured by Age, Role, Sex - Urban Area

Age	Role by Sex																			Total Persons Injured				
	Bicyclist			Driver				Motorcyclist			Moped User			Vehicle Passenger				Pedestrian						
	F	M	Total	F	M	Unk	Total	F	M	Total	F	M	Total	F	M	Unk	Total	F	M	Total	F	M	Unk	Total
1-2	1	1	2	0	0	0	0	1	0	1	0	0	0	84	94	0	178	6	13	19	92	108	0	200
3	0	0	0	0	0	0	0	0	0	0	0	0	0	59	63	1	123	11	19	30	70	82	1	153
4	3	3	6	0	0	0	0	0	0	0	0	0	0	90	75	1	166	14	15	29	107	93	1	201
5-9	31	83	114	0	1	0	1	0	0	0	0	0	0	483	419	3	905	71	136	207	585	639	3	1,227
10-14	98	287	385	5	10	0	15	1	2	3	0	0	0	594	390	5	989	100	104	204	798	793	5	1,596
15	11	48	59	11	16	0	27	0	1	1	0	0	0	296	189	2	487	20	22	42	338	276	2	616
16	3	26	29	384	234	0	618	2	4	6	0	3	3	364	199	2	565	12	16	28	765	482	2	1,249
17	3	22	25	450	333	0	783	1	7	8	1	1	2	333	173	6	512	19	18	37	807	554	6	1,367
18	8	22	30	460	389	0	849	0	23	23	1	4	5	264	174	2	440	19	21	40	752	633	2	1,387
19	6	20	26	426	334	0	760	5	23	28	2	0	2	208	169	0	377	16	14	30	663	560	0	1,223
20	7	15	22	414	313	0	727	5	35	40	1	3	4	198	138	2	338	11	14	25	636	518	2	1,156
21	15	15	30	382	286	0	668	5	32	37	2	1	3	169	118	0	287	12	18	30	585	470	0	1,055
22	3	13	16	317	274	0	591	3	25	28	1	1	2	118	96	0	214	10	17	27	452	426	0	878
23	3	8	11	300	232	0	532	1	25	26	0	0	0	103	86	1	190	7	11	18	414	362	1	777
24	4	9	13	305	207	0	512	3	20	23	0	0	0	132	87	0	219	11	10	21	455	333	0	788
25-34	19	79	98	2,553	2,025	0	4,578	30	197	227	0	0	0	824	495	6	1,325	68	83	151	3,494	2,879	6	6,379
35-44	29	72	101	2,283	1,874	0	4,157	39	170	209	1	0	1	713	333	6	1,052	62	93	155	3,127	2,542	6	5,675
45-54	8	53	61	1,546	1,386	0	2,932	23	109	132	0	3	3	537	201	5	743	52	47	99	2,166	1,799	5	3,970
55-64	5	15	20	787	679	0	1,466	5	35	40	0	1	1	337	91	5	433	24	30	54	1,158	851	5	2,014
65-74	2	6	8	512	470	0	982	2	7	9	0	4	4	304	77	1	382	17	25	42	837	589	1	1,427
75-84	0	4	4	321	272	0	593	0	2	2	0	0	0	245	64	0	309	26	20	46	592	362	0	954
85 and over	0	0	0	66	58	0	124	0	0	0	0	0	0	64	14	1	79	7	3	10	137	75	1	213
Unknown	3	3	6	2	14	7	23	2	0	2	0	0	0	185	136	16	337	4	5	9	196	158	23	377
TOTAL	262	804	1,066	11,524	9,407	7	20,938	128	717	845	9	21	30	6,704	3,881	65	10,650	599	754	1,353	19,226	15,584	72	34,882

F = Females      M = Males      Unk = Unknown  
 Urban Area = An incorporated area with a population of 5,000 or more.  
 "Motorcyclist" includes motorcycle drivers and passengers.  
 Note: This report counts persons injured, not crashes.



## 1999 Persons Injured by Age, Role, Sex - Rural Area

Age	Role by Sex																					Total Persons Injured			
	Bicyclist			Driver				Motorcyclist				Moped User			Vehicle Passenger				Pedestrian						
	F	M	Total	F	M	Unk	Total	F	M	Unk	Total	F	M	Total	F	M	Unk	Total	F	M	Total	F	M	Unk	Total
1-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	67	1	125	0	1	1	57	68	1	126
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	44	0	84	1	4	5	41	48	0	89
4	2	0	2	0	0	0	0	0	0	0	0	0	0	0	55	48	0	103	3	2	5	60	50	0	110
5-9	13	37	50	1	1	0	2	2	0	0	2	0	0	0	283	296	2	581	12	27	39	311	361	2	674
10-14	21	60	81	8	27	0	35	2	5	0	7	0	1	1	482	401	3	886	25	18	43	538	512	3	1,053
15	3	10	13	19	25	0	44	2	5	0	7	0	0	0	265	220	3	488	5	9	14	294	269	3	566
16	1	4	5	539	493	0	1,032	3	5	0	8	0	2	2	324	248	1	573	6	3	9	873	755	1	1,629
17	1	1	2	454	448	0	902	3	11	0	14	0	2	2	278	205	0	483	2	6	8	738	673	0	1,411
18	1	2	3	402	504	0	906	5	15	0	20	0	1	1	221	197	1	419	2	3	5	631	722	1	1,354
19	0	4	4	296	432	0	728	4	30	0	34	0	0	0	119	152	0	271	3	3	6	422	621	0	1,043
20	2	1	3	254	358	0	612	2	47	0	49	0	0	0	117	120	0	237	1	3	4	376	529	0	905
21	0	3	3	199	348	0	547	7	23	0	30	0	0	0	95	145	0	240	1	2	3	302	521	0	823
22	1	1	2	206	262	0	468	3	35	0	38	0	1	1	81	83	0	164	2	4	6	293	386	0	679
23	0	1	1	163	252	0	415	4	29	0	33	0	0	0	68	77	0	145	2	1	3	237	360	0	597
24	0	0	0	142	221	0	363	2	25	0	27	0	1	1	53	59	0	112	6	2	8	203	308	0	511
25-34	3	10	13	1,433	1,852	0	3,285	53	193	0	246	1	2	3	443	427	4	874	12	17	29	1,945	2,501	4	4,450
35-44	2	11	13	1,401	1,649	0	3,050	63	234	0	297	1	2	3	456	259	4	719	15	20	35	1,938	2,175	4	4,117
45-54	6	7	13	892	1,105	0	1,997	49	148	0	197	7	3	10	326	151	0	477	9	19	28	1,289	1,433	0	2,722
55-64	0	1	1	490	617	0	1,107	16	67	0	83	2	1	3	264	91	1	356	6	10	16	778	787	1	1,566
65-74	0	4	4	310	390	0	700	3	16	0	19	0	4	4	222	74	1	297	9	6	15	544	494	1	1,039
75-84	0	0	0	181	290	0	471	0	3	0	3	0	0	0	173	52	1	226	8	5	13	362	350	1	713
85 and over	0	0	0	44	64	0	108	0	0	0	0	0	0	0	48	17	0	65	5	0	5	97	81	0	178
Unknown	0	0	0	0	10	8	18	2	3	1	6	0	0	0	181	122	13	316	0	0	0	183	135	22	340
<b>TOTAL</b>	<b>56</b>	<b>157</b>	<b>213</b>	<b>7,434</b>	<b>9,348</b>	<b>8</b>	<b>16,790</b>	<b>225</b>	<b>894</b>	<b>1</b>	<b>1,120</b>	<b>11</b>	<b>20</b>	<b>31</b>	<b>4,651</b>	<b>3,555</b>	<b>35</b>	<b>8,241</b>	<b>135</b>	<b>165</b>	<b>300</b>	<b>12,512</b>	<b>14,139</b>	<b>44</b>	<b>26,695</b>

F = Females      M = Males      Unk = Unknown

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

"Motorcyclist" includes motorcycle drivers and passengers.

Note: This report counts persons injured, not crashes.

## Fatal Crashes and Persons Killed by Legal Holiday 1992-1999

Holiday	Year	Time	Dates	Hours	Actual Holiday	Total Killed	Fatal Crashes
<b>New Years</b>							
	1991/1992	6PM-12AM	12/30-01/01	54	Wednesday	1	1
	1992/1993	6PM-12AM	12/31-01/03	78	Friday	11	10
	1993/1994	6PM-12AM	12/31-01/02	54	Saturday	10	9
	1994/1995	6PM-12AM	12/30-01/02	78	Sunday	7	6
	1995/1996	6PM-12AM	12/29-01/01	78	Monday	13	11
	1996/1997	6PM-12AM	12/30-01/01	54	Wednesday	5	5
	1997/1998	6PM-12AM	12/31-01/04	102	Thursday	15	10
	1998/1999	6PM-12AM	12/31-01/03	78	Friday	2	2
<b>Memorial Day</b>							
	1992	6PM-12AM	05/22-05/25	78	Monday	10	10
	1993	6PM-12AM	05/28-05/31	78	Monday	6	4
	1994	6PM-12AM	05/27-05/30	78	Monday	15	14
	1995	6PM-12AM	05/26-05/29	78	Monday	12	11
	1996	6PM-12AM	05/24-05/27	78	Monday	8	8
	1997	6PM-12AM	05/23-05/26	78	Monday	11	10
	1998	6PM-12AM	05/22-05/25	78	Monday	10	8
	1999	6PM-12AM	05/28-05/31	78	Monday	12	10
<b>4th of July</b>							
	1992	6PM-12AM	07/02-07/05	78	Saturday	8	6
	1993	6PM-12AM	07/02-07/05	78	Sunday	8	7
	1994	6PM-12AM	07/01-07/04	78	Monday	13	12
	1995	6PM-12AM	06/30-07/04	102	Tuesday	14	13
	1996	6PM-12AM	07/03-07/07	102	Thursday	14	13
	1997	6PM-12AM	07/03-07/06	78	Friday	12	10
	1998	6PM-12AM	07/03-07/05	54	Saturday	4	4
	1999	6PM-12AM	07/02-07/05	78	Sunday	11	10
<b>Labor Day</b>							
	1992	6PM-12AM	09/04-09/07	78	Monday	4	4
	1993	6PM-12AM	09/03-09/06	78	Monday	14	11
	1994	6PM-12AM	09/02-09/05	78	Monday	10	9
	1995	6PM-12AM	09/01-09/04	78	Monday	10	10
	1996	6PM-12AM	08/30-09/02	78	Monday	7	7
	1997	6PM-12AM	08/29-09/01	78	Monday	8	7
	1998	6PM-12AM	09/04-09/07	78	Monday	11	11
	1999	6PM-12AM	09/03-09/06	78	Monday	10	10
<b>Thanksgiving</b>							
	1992	6PM-12AM	11/25-11/29	102	Thursday	6	6
	1993	6PM-12AM	11/24-11/28	102	Thursday	14	12
	1994	6PM-12AM	11/23-11/27	102	Thursday	4	4
	1995	6PM-12AM	11/22-11/26	102	Thursday	9	9
	1996	6PM-12AM	11/27-12/01	102	Thursday	10	10
	1997	6PM-12AM	11/26-11/30	102	Thursday	5	5
	1998	6PM-12AM	11/25-11/29	102	Thursday	12	11
	1999	6PM-12AM	11/24-11/28	102	Thursday	8	7
<b>Christmas</b>							
	1992	6PM-12AM	12/24-12/27	78	Friday	3	2
	1993	6PM-12AM	12/24-12/26	54	Saturday	3	2
	1994	6PM-12AM	12/23-12/26	78	Sunday	9	5
	1995	6PM-12AM	12/22-12/26	102	Monday	10	7
	1996	6PM-12AM	12/20-12/25	126	Wednesday	13	13
	1997	6PM-12AM	12/24-12/28	102	Thursday	13	10
	1998	6PM-12AM	12/24-12/27	78	Friday	8	8
	1999	6PM-12AM	12/24-12/26	54	Saturday	6	5

## II. CRASHES



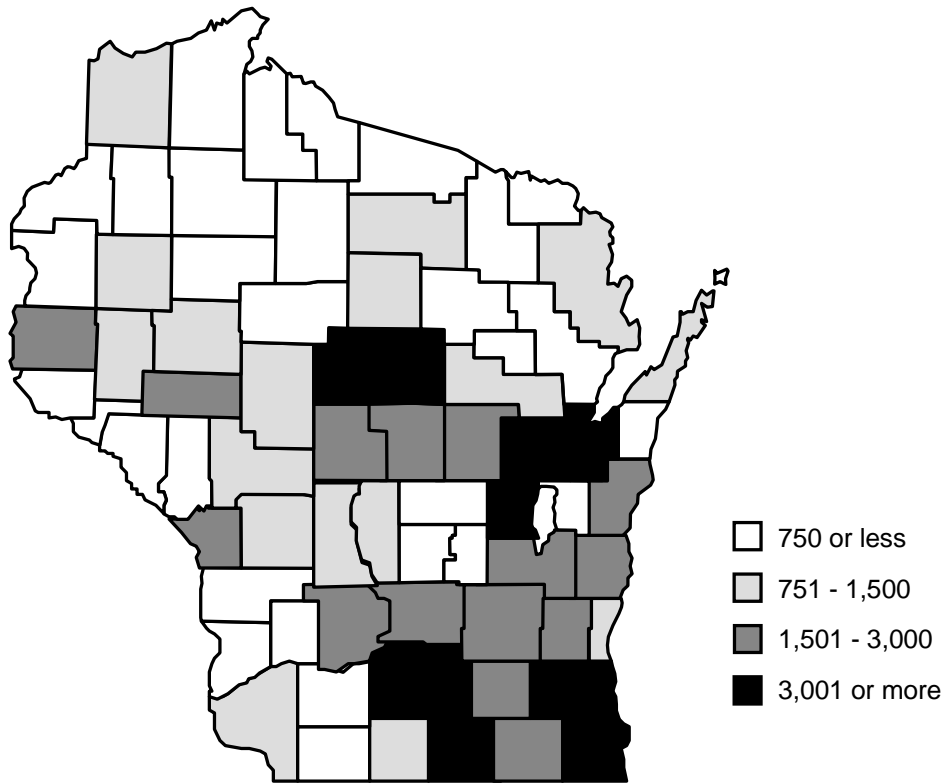
This section includes various subsets of crashes, including:

- Type of Crash
- Citations Issued
- County and Municipality
- Construction Zone
- Economic Loss
- Fixed Objects Struck
- Manner of Collision
- Reporting Agency
- Weather, Road and Light Conditions

## 1999 Crashes by Month and Severity by Urban/Rural Location with Total Injured and Total Killed

Month	Severity									TOTAL			Total	
	Fatal			Injury			Property Damage						Persons Killed	Persons Injured
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total		
January	26	8	34	1,539	1,872	3,411	4,843	5,282	10,125	6,408	7,162	13,570	35	4,975
February	21	5	26	1,196	1,418	2,614	2,977	2,804	5,781	4,194	4,227	8,421	29	3,813
March	31	10	41	1,113	1,676	2,789	3,004	3,287	6,291	4,148	4,973	9,121	56	4,140
April	41	12	53	1,148	1,772	2,920	2,334	2,887	5,221	3,523	4,671	8,194	55	4,361
May	47	10	57	1,495	2,092	3,587	3,397	3,462	6,859	4,939	5,564	10,503	65	5,359
June	47	8	55	1,605	2,177	3,782	3,325	3,475	6,800	4,977	5,660	10,637	56	5,699
July	56	12	68	1,741	2,328	4,069	3,016	3,462	6,478	4,813	5,802	10,615	77	6,226
August	55	7	62	1,607	2,135	3,742	2,714	3,284	5,998	4,376	5,426	9,802	70	5,657
September	61	13	74	1,483	2,191	3,674	3,217	3,447	6,664	4,761	5,651	10,412	77	5,502
October	58	16	74	1,449	2,084	3,533	5,000	3,708	8,708	6,507	5,808	12,315	80	5,356
November	49	7	56	1,398	1,801	3,199	6,737	3,520	10,257	8,184	5,328	13,512	61	4,726
December	58	16	74	1,907	2,118	4,025	5,180	4,569	9,749	7,145	6,703	13,848	83	5,763
<b>TOTAL</b>	<b>550</b>	<b>124</b>	<b>674</b>	<b>17,681</b>	<b>23,664</b>	<b>41,345</b>	<b>45,744</b>	<b>43,187</b>	<b>88,931</b>	<b>63,975</b>	<b>66,975</b>	<b>130,950</b>	<b>744</b>	<b>61,577</b>

### 1999 Total Crashes by County

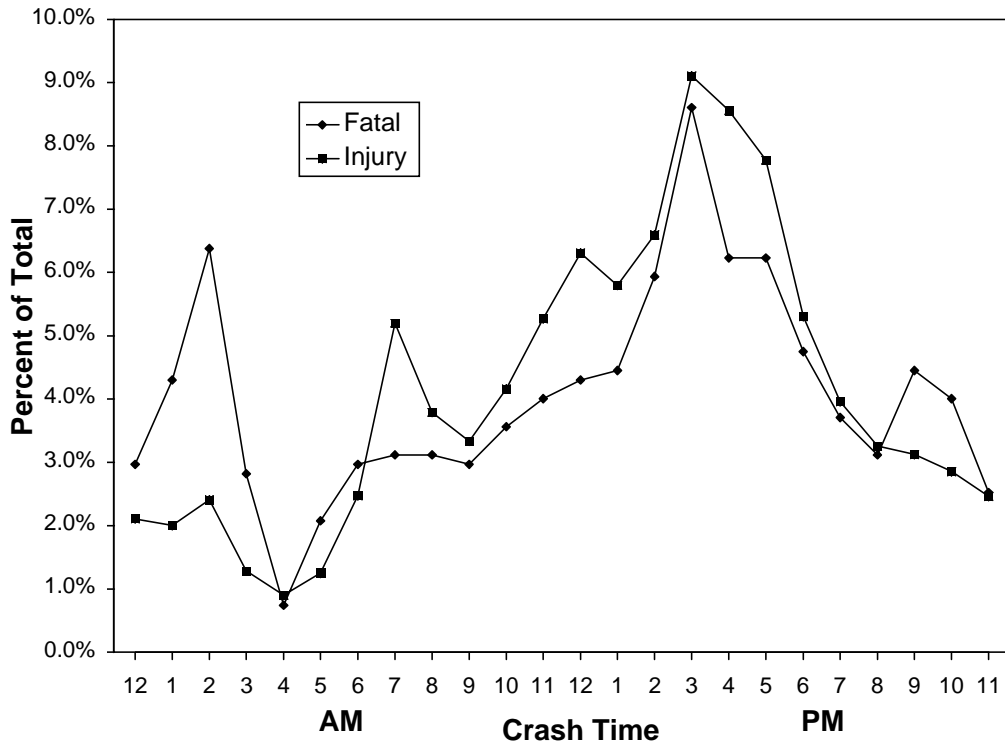


## 1999 Crashes by Time of Day and Day of Week

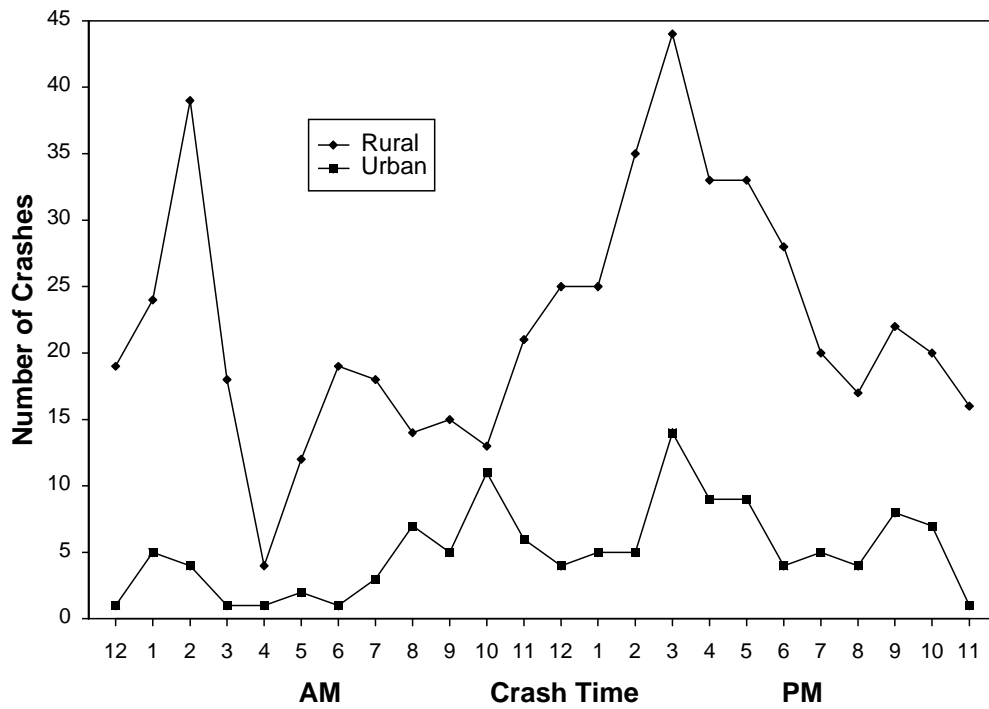
Time of Day	Sunday				Monday				Tuesday				Wednesday				Thursday				Friday				Saturday				TOTAL						
	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD
12-1 AM	6	205	422	633	1	70	197	268	1	75	188	264	2	88	203	293	4	86	246	336	1	121	276	398	5	226	454	685	20	871	1,986	2,877			
1-2 AM	8	203	406	617	1	61	133	195	0	60	138	198	4	78	172	254	3	95	190	288	6	118	274	398	7	215	395	617	29	830	1,708	2,567			
2-3 AM	15	300	469	784	2	77	136	215	0	48	145	193	4	71	165	240	2	78	177	257	8	130	248	386	12	292	489	793	43	996	1,829	2,868			
3-4 AM	7	150	291	448	0	42	123	165	0	29	82	111	4	47	105	156	1	41	114	156	0	48	141	189	7	174	298	479	19	531	1,154	1,704			
4-5 AM	0	99	205	304	0	35	173	208	1	31	130	162	0	30	178	208	0	36	152	188	0	52	171	223	4	89	212	305	5	372	1,221	1,598			
5-6 AM	2	69	197	268	2	76	390	468	1	85	357	443	1	81	355	437	2	78	320	400	4	62	345	411	2	66	265	333	14	517	2,229	2,760			
6-7 AM	0	65	202	267	2	205	541	748	6	174	537	717	2	201	562	765	5	164	500	669	1	127	512	640	4	86	268	358	20	1,022	3,122	4,164			
7-8 AM	4	71	166	241	1	417	821	1,239	6	402	863	1,271	2	427	921	1,350	5	378	762	1,145	1	338	712	1,051	2	118	304	424	21	2,151	4,549	6,721			
8-9 AM	2	105	185	292	3	248	558	809	5	277	589	871	1	285	551	837	3	230	481	714	2	253	554	809	5	169	357	531	21	1,567	3,275	4,863			
9-10 AM	2	139	286	427	5	192	429	626	5	178	413	596	0	225	420	645	3	211	381	595	3	217	508	728	2	217	443	662	20	1,379	2,880	4,279			
10-11 AM	3	213	391	607	6	270	464	740	4	195	443	642	3	236	494	733	1	221	434	656	3	290	548	841	4	296	592	892	24	1,721	3,366	5,111			
11-12 PM	3	278	438	719	5	285	556	846	1	278	482	761	2	262	568	832	5	305	497	807	8	370	720	1,098	3	401	638	1,042	27	2,179	3,899	6,105			
12-1 PM	3	317	513	833	8	353	633	994	3	353	613	969	6	377	652	1,035	2	335	616	953	3	473	783	1,259	4	401	675	1,080	29	2,609	4,485	7,123			
1-2 PM	4	323	464	791	4	300	564	868	4	322	575	901	6	317	606	929	1	316	567	884	6	408	663	1,077	5	412	615	1,032	30	2,398	4,054	6,482			
2-3 PM	7	322	513	842	3	376	691	1,070	2	419	689	1,110	3	409	713	1,125	11	371	642	1,024	5	450	837	1,292	9	381	611	1,001	40	2,728	4,696	7,464			
3-4 PM	8	343	517	868	7	576	921	1,504	5	566	963	1,534	9	603	1,102	1,714	8	575	976	1,559	8	723	1,230	1,961	13	380	615	1,008	58	3,766	6,324	10,148			
4-5 PM	7	321	613	941	4	494	872	1,370	8	548	912	1,468	4	602	1,028	1,634	7	532	921	1,460	4	697	1,132	1,833	8	347	648	1,003	42	3,541	6,126	9,709			
5-6 PM	6	316	694	1,016	8	495	1,058	1,561	6	511	1,049	1,566	4	514	1,124	1,642	4	518	1,154	1,676	9	563	1,178	1,750	5	299	668	972	42	3,216	6,925	10,183			
6-7 PM	0	287	743	1,030	8	306	725	1,039	6	295	781	1,082	3	297	768	1,068	3	310	814	1,127	7	403	1,039	1,449	5	296	697	998	32	2,194	5,567	7,793			
7-8 PM	6	242	646	894	3	191	549	743	0	197	581	778	3	251	573	827	5	249	677	931	3	253	799	1,055	5	254	636	895	25	1,637	4,461	6,123			
8-9 PM	3	194	595	792	1	134	497	632	1	173	533	707	4	189	599	792	4	165	584	753	3	262	710	975	5	230	599	834	21	1,347	4,117	5,485			
9-10 PM	3	160	525	688	3	135	428	566	7	157	567	731	5	185	553	743	3	176	594	773	3	268	742	1,013	6	212	645	863	30	1,293	4,054	5,377			
10-11 PM	3	149	356	508	1	132	322	455	3	137	338	478	3	148	374	525	3	144	416	563	6	244	571	821	8	227	546	781	27	1,181	2,923	4,131			
11-12 AM	0	119	265	384	4	74	251	329	0	115	272	387	1	112	292	405	2	129	344	475	6	255	555	816	4	214	468	686	17	1,018	2,447	3,482			
Unknown	6	40	292	338	2	37	199	238	0	37	152	189	1	39	173	213	3	27	172	202	4	43	247	294	2	58	299	359	18	281	1,534	1,833			
TOTAL	108	5,030	10,394	15,532	84	5,581	12,231	17,896	75	5,662	12,392	18,129	77	6,074	13,251	19,402	90	5,770	12,731	18,591	104	7,168	15,495	22,767	136	6,060	12,437	18,633	674	41,345	88,931	130,950			

Ftl = Fatal      Inj = Injury      PD = Property Damage      Tot = Total

### 1999 Percent of Crashes by Severity and Time of Day



### 1999 Fatal Crashes by Time of Day and Urban/Rural



Note: Reports those crashes for which crash time was recorded.

## 1999 Crashes by Municipality Type and Severity

Municipality	Severity			TOTAL
	Fatal	Injury	Property Damage	
City	118	23,243	42,968	66,329
Town	525	15,130	39,382	55,037
Village	31	2,972	6,581	9,584
<b>TOTAL</b>	<b>674</b>	<b>41,345</b>	<b>88,931</b>	<b>130,950</b>

## 1999 Hit and Run Crashes by Location Type and Severity

Location	Severity			TOTAL
	Fatal	Injury	Property Damage	
Intersection	4	1,287	3,099	4,390
Non-Intersection	8	1,345	6,775	8,128
Parking Lot	0	113	3,209	3,322
Private Property	0	52	643	695
<b>TOTAL</b>	<b>12</b>	<b>2,797</b>	<b>13,726</b>	<b>16,535</b>

Note: Crash totals are higher on this report because they include parking lot locations and private property.

## 1999 Crashes by Location Type and Severity

Location	Severity			TOTAL
	Fatal	Injury	Property Damage	
Intersection	211	19,815	29,375	49,401
Non-Intersection	463	21,530	59,556	81,549
Parking Lot	4	1,167	8,844	10,015
Private Property	3	457	1,911	2,371
<b>TOTAL</b>	<b>681</b>	<b>42,969</b>	<b>99,688</b>	<b>143,338</b>

Note: Crash totals are higher on this report because they include parking lot locations and private property. The "Total" figures include 2 crashes whose location was unknown.

## 1999 Crashes by County and Highway Class by Severity

County	Local Street/Road				County Highway				State Highway				Interstate System				TOTAL				Licensed Vehicles*	Licensed Cycles
	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot		
Adams	1	58	222	281	1	39	168	208	2	54	278	334	0	0	0	0	4	151	668	823	21,160	800
Ashland	0	29	113	142	1	14	8	23	1	34	85	120	0	0	0	0	2	77	206	285	15,540	580
Barron	2	185	363	550	4	50	53	107	8	123	204	335	0	0	0	0	14	358	620	992	44,484	1,469
Bayfield	0	27	54	81	0	15	35	50	2	35	131	168	0	0	0	0	2	77	220	299	16,276	702
Brown	4	794	1,421	2,219	5	106	274	385	3	606	1,050	1,659	2	29	90	121	14	1,535	2,835	4,384	197,746	7,423
Buffalo	0	21	70	91	2	22	36	60	2	43	123	168	0	0	0	0	4	86	229	319	15,987	764
Burnett	0	44	61	105	2	21	26	49	5	49	54	108	0	0	0	0	7	114	141	262	17,152	598
Calumet	3	72	201	276	1	28	79	108	3	98	247	348	0	0	0	0	7	198	527	732	35,281	1,408
Chippewa	2	155	380	537	3	87	148	238	1	175	444	620	0	0	0	0	6	417	972	1,395	54,653	1,995
Clark	5	91	225	321	2	34	207	243	4	69	306	379	0	0	0	0	11	194	738	943	31,953	1,214
Columbia	1	115	358	474	2	73	274	349	1	174	663	838	3	64	171	238	7	426	1,466	1,899	51,190	1,883
Crawford	2	51	117	170	0	16	15	31	3	86	189	278	0	0	0	0	5	153	321	479	16,170	535
Dane	9	2,258	3,949	6,216	6	187	665	858	11	728	1,563	2,302	4	105	443	552	30	3,278	6,620	9,928	360,069	11,708
Dodge	3	194	426	623	9	126	311	446	7	212	560	779	0	0	0	0	19	532	1,297	1,848	79,409	3,148
Door	2	94	224	320	0	45	133	178	6	69	247	322	0	0	0	0	8	208	604	820	32,085	1,523
Douglas	1	161	300	462	0	36	72	108	8	136	282	426	0	1	6	7	9	334	660	1,003	40,393	1,307
Dunn	1	84	229	314	2	51	180	233	2	110	347	459	0	43	149	192	5	288	905	1,198	36,228	1,417
Eau Claire	1	406	892	1,299	1	68	171	240	6	211	472	689	1	52	157	210	9	737	1,692	2,438	79,731	2,946
Florence	0	10	30	40	2	6	52	60	4	22	106	132	0	0	0	0	6	38	188	232	5,721	215
Fond du Lac	2	349	759	1,110	5	106	276	387	7	368	832	1,207	0	0	0	0	14	823	1,867	2,704	91,889	3,615
Forest	2	13	59	74	0	7	39	46	4	26	150	180	0	0	0	0	6	46	248	300	10,104	351
Grant	1	112	384	497	2	50	190	242	6	152	455	613	0	0	0	0	9	314	1,029	1,352	47,507	1,718
Green	2	117	256	375	1	45	147	193	6	87	238	331	0	0	0	0	9	249	641	899	33,379	1,453
Green Lake	0	30	117	147	0	33	178	211	1	46	206	253	0	0	0	0	1	109	501	611	20,461	611
Iowa	2	39	102	143	1	31	93	125	2	106	250	358	0	0	0	0	5	176	445	626	22,741	776
Iron	0	5	21	26	1	4	8	13	2	27	48	77	0	0	0	0	3	36	77	116	7,216	263
Jackson	1	48	165	214	2	36	114	152	2	46	244	292	3	56	196	255	8	186	719	913	21,009	718
Jefferson	1	140	390	531	6	81	225	312	5	212	478	695	2	44	155	201	14	477	1,248	1,739	72,695	2,842
Juneau	2	47	136	185	5	35	84	124	3	76	219	298	2	45	156	203	12	203	595	810	25,680	1,004
Kenosha	2	600	1,114	1,716	7	178	274	459	5	485	612	1,102	0	53	85	138	14	1,316	2,085	3,415	115,473	5,349
Kewaunee	1	42	70	113	1	38	35	74	0	30	38	68	0	0	0	0	2	110	143	255	20,744	935
La Crosse	2	436	1,059	1,497	2	75	212	289	1	313	679	993	0	19	88	107	5	843	2,038	2,886	89,735	3,020
Lafayette	1	45	98	144	1	43	70	114	1	61	133	195	0	0	0	0	3	149	301	453	17,264	477
Langlade	1	49	67	117	3	19	41	63	6	77	110	193	0	0	0	0	10	145	218	373	21,395	701
Lincoln	0	90	226	316	1	35	125	161	4	106	306	416	0	0	0	0	5	231	657	893	28,888	1,135
Manitowoc	3	311	637	951	5	79	185	269	7	203	417	627	1	22	135	158	16	615	1,374	2,005	80,159	4,097

Continued



## 1999 Crashes by County and Highway Class by Severity

County	Local Street/Road				County Highway				State Highway				Interstate System				TOTAL				Licensed	Licensed
	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Vehicles*	Cycles
Marathon	3	415	978	1,396	5	159	551	715	8	371	940	1,319	0	32	89	121	16	977	2,558	3,551	119,198	4,585
Marinette	1	126	235	362	2	63	105	170	7	138	232	377	0	0	0	0	10	327	572	909	45,413	1,749
Marquette	0	31	81	112	1	45	167	213	1	21	143	165	0	9	83	92	2	106	474	582	16,495	547
Menominee	0	1	4	5	1	3	2	6	4	9	15	28	0	0	0	0	5	13	21	39	669	20
Milwaukee	31	6,372	10,456	16,859	0	0	0	0	9	1,383	2,131	3,523	3	1,061	2,369	3,433	43	8,816	14,956	23,815	619,687	19,564
Monroe	1	104	278	383	0	41	124	165	5	159	415	579	2	59	190	251	8	363	1,007	1,378	38,277	1,420
Oconto	1	88	141	230	0	85	71	156	8	132	195	335	0	0	0	0	9	305	407	721	36,384	1,734
Oneida	2	93	228	323	0	33	96	129	2	134	387	523	0	0	0	0	4	260	711	975	38,549	1,525
Outagamie	3	510	1,110	1,623	9	202	430	641	10	510	918	1,438	0	0	0	0	22	1,222	2,458	3,702	151,655	6,077
Ozaukee	2	172	453	627	0	39	141	180	2	138	270	410	1	43	139	183	5	392	1,003	1,400	70,956	2,994
Pepin	0	13	25	38	0	25	24	49	0	15	43	58	0	0	0	0	0	53	92	145	7,822	317
Pierce	1	53	201	255	1	31	71	103	7	110	244	361	0	0	0	0	9	194	516	719	34,634	1,400
Polk	2	90	181	273	4	59	58	121	7	94	176	277	0	0	0	0	13	243	415	671	41,710	1,630
Portage	4	178	463	645	2	75	374	451	7	222	607	836	3	35	164	202	16	510	1,608	2,134	58,952	2,273
Price	1	23	39	63	0	15	22	37	0	58	93	151	0	0	0	0	1	96	154	251	16,711	659
Racine	3	793	1,178	1,974	4	147	174	325	4	651	899	1,554	1	67	117	185	12	1,658	2,368	4,038	148,476	6,509
Richland	0	30	94	124	0	33	88	121	2	79	228	309	0	0	0	0	2	142	410	554	16,945	573
Rock	6	666	1,452	2,124	3	113	244	360	8	475	799	1,282	3	79	272	354	20	1,333	2,767	4,120	137,010	5,425
Rusk	1	51	55	107	1	23	27	51	5	48	56	109	0	0	0	0	7	122	138	267	15,267	409
St. Croix	3	132	364	499	4	95	236	335	3	174	422	599	4	65	199	268	14	466	1,221	1,701	63,208	2,576
Sauk	4	178	486	668	4	64	211	279	4	272	724	1,000	2	35	96	133	14	549	1,517	2,080	55,510	2,186
Sawyer	0	44	84	128	3	37	48	88	0	50	77	127	0	0	0	0	3	131	209	343	16,388	431
Shawano	3	109	364	476	6	74	253	333	6	142	503	651	0	0	0	0	15	325	1,120	1,460	38,172	1,315
Sheboygan	2	407	1,049	1,458	3	115	333	451	4	202	518	724	2	31	139	172	11	755	2,039	2,805	97,356	4,683
Taylor	0	52	134	186	2	35	179	216	0	57	191	248	0	0	0	0	2	144	504	650	20,710	752
Trempealeau	1	50	130	181	0	32	58	90	0	78	135	213	0	5	16	21	1	165	339	505	28,454	984
Vernon	1	61	110	172	1	36	75	112	2	106	261	369	0	0	0	0	4	203	446	653	26,288	926
Vilas	1	59	90	150	0	37	59	96	2	78	186	266	0	0	0	0	3	174	335	512	23,431	817
Walworth	6	235	533	774	7	100	197	304	7	246	500	753	0	27	69	96	20	608	1,299	1,927	88,008	3,755
Washburn	1	31	59	91	0	19	28	47	1	71	122	194	0	0	0	0	2	121	209	332	16,911	565
Washington	5	308	607	920	3	82	197	282	10	345	782	1,137	0	0	0	0	18	735	1,586	2,339	104,268	5,159
Waukesha	14	1,146	2,673	3,833	1	196	387	584	8	824	1,577	2,409	2	202	424	628	25	2,368	5,061	7,454	322,612	13,467
Waupaca	3	146	447	596	2	82	313	397	4	135	573	712	0	0	0	0	9	363	1,333	1,705	50,269	1,881
Waushara	0	41	119	160	3	56	128	187	6	54	201	261	0	12	53	65	9	163	501	673	25,933	845
Winnebago	1	539	1,142	1,682	4	105	260	369	5	526	1,062	1,593	0	0	0	0	10	1,170	2,464	3,644	134,956	5,132
Wood	1	226	516	743	2	77	83	162	2	241	419	662	0	0	0	0	5	544	1,018	1,567	79,181	3,456
<b>TOTAL</b>	<b>168</b>	<b>20,895</b>	<b>41,854</b>	<b>62,917</b>	<b>164</b>	<b>4,352</b>	<b>11,017</b>	<b>15,533</b>	<b>301</b>	<b>13,803</b>	<b>29,810</b>	<b>43,914</b>	<b>41</b>	<b>2,295</b>	<b>6,250</b>	<b>8,586</b>	<b>674</b>	<b>41,345</b>	<b>88,931</b>	<b>130,950</b>	<b>4,713,643</b>	<b>179,494</b>

\*Licensed Vehicles counts all licensed motor vehicles, including motorcycles. The "Total" figures include some out-of-state vehicles and vehicles with the county unknown.

Ftl = Fatal      Inj = Injury      PD = Property Damage      Tot = Total

## 1999 Crashes by Municipality, Severity and Crash Type with Total Killed, Total Injured and Economic Loss

Population 5,000-9,999	Crash Severity			Total Killed	Total Injured	Economic Loss	Bike Crash	Pedestrian Crash	Motorcycle Crash	Alcohol Crash	Deer/ Animal Crash
	Fatal	Injury	Property Damage								
Altoona	1	24	64	1	33	\$2,061,300	0	0	1	2	20
Antigo	1	57	88	1	86	\$3,167,800	4	3	0	9	0
Ashland	0	32	124	0	43	\$1,618,000	1	1	1	12	7
Berlin	0	22	60	0	23	\$858,200	2	2	0	3	3
Burlington	0	80	189	0	105	\$3,038,700	5	4	4	10	0
DeForest	0	17	46	0	21	\$745,500	0	2	1	5	5
Delafield	1	53	141	1	87	\$3,297,500	1	1	1	7	24
Delavan	1	46	80	1	62	\$2,865,900	3	3	3	11	0
Elkhorn	0	30	109	0	40	\$1,459,800	0	2	1	5	5
Elm Grove	0	37	80	0	52	\$1,444,600	0	1	1	3	3
Fox Point	0	20	38	0	30	\$779,800	4	2	1	1	4
Hales Corners	2	78	125	3	127	\$6,950,900	2	2	4	6	0
Hartford	1	44	95	1	55	\$2,742,400	3	6	7	12	3
Hartland	1	28	61	1	38	\$2,103,900	1	2	1	10	4
Holmen	0	20	35	0	36	\$814,700	0	2	1	1	0
Hudson	2	59	163	2	81	\$4,557,500	3	1	4	23	7
Jefferson	0	25	59	0	32	\$948,800	2	3	3	4	0
Kimberly	0	25	55	0	35	\$1,070,900	3	1	0	2	0
Lake Geneva	1	55	109	1	78	\$3,248,100	0	7	0	10	3
McFarland	2	12	39	2	16	\$2,602,400	3	0	0	6	0
Milton	0	20	47	0	37	\$1,135,100	0	0	1	1	1
Monona	0	91	128	0	134	\$3,498,600	2	4	1	20	1
Mount Horeb	0	9	53	0	13	\$570,700	1	1	1	3	4
Mukwonago	1	44	85	1	59	\$2,515,500	3	0	4	4	1
New London	1	55	96	1	100	\$3,533,600	0	3	8	14	12
New Richmond	0	29	72	0	40	\$1,182,600	1	1	2	8	2
Oregon	0	23	60	0	38	\$1,053,200	0	1	0	5	5
Pewaukee (Village)	1	44	50	1	58	\$2,673,900	0	1	2	5	3
Plymouth	0	38	79	0	50	\$1,410,700	4	4	4	1	5
Portage	0	80	160	0	119	\$3,389,000	6	5	4	11	9
Prairie du Chien	2	43	119	2	67	\$4,210,400	1	2	2	7	0
Reedsburg	1	49	141	1	76	\$3,143,500	2	1	1	12	5
Rhineland	1	82	117	1	121	\$4,077,200	4	4	4	20	9
Rice Lake	0	126	191	0	187	\$4,203,200	3	2	2	19	2
Richland Center	0	27	80	0	39	\$1,396,100	0	2	2	5	3
Ripon	0	28	90	0	40	\$1,298,300	1	1	0	1	6
Rothschild	0	47	104	0	64	\$1,997,800	3	1	4	7	10
Saint Francis	0	35	72	0	49	\$1,399,000	0	2	1	9	0
Shawano	1	68	120	1	100	\$3,545,600	5	1	1	6	4
Sheboygan Falls	0	15	57	0	20	\$740,000	1	3	0	3	3
Sparta	0	55	122	0	77	\$2,098,300	4	3	1	11	0
Sturgeon Bay	1	63	119	1	102	\$3,334,100	2	2	2	15	13
Sturtevant	0	44	49	0	66	\$1,469,500	5	1	3	4	0
Sussex	0	31	71	0	44	\$1,206,900	0	0	1	4	12
Tomah	0	66	181	0	95	\$2,774,500	1	2	3	9	16
Verona	0	18	66	0	24	\$899,800	1	0	0	5	9
Wausaukee	0	28	69	0	35	\$1,126,400	2	2	2	4	1
Waupaca	0	42	123	0	69	\$2,146,400	2	3	2	11	19
<b>TOTAL</b>	<b>22</b>	<b>2,064</b>	<b>4,481</b>	<b>23</b>	<b>3,003</b>	<b>\$108,406,600</b>	<b>91</b>	<b>97</b>	<b>92</b>	<b>366</b>	<b>243</b>

## 1999 Crashes by Municipality, Severity and Crash Type with Total Killed, Total Injured and Economic Loss

Population 10,000-24,999	Crash Severity			Total Killed	Total Injured	Economic Loss	Bike Crash	Pedestrian Crash	Motorcycle Crash	Alcohol Crash	Deer/ Animal Crash
	Fatal	Injury	Property Damage								
Allouez	0	67	133	0	95	\$2,649,900	5	3	1	11	3
Ashwaubenon	1	211	409	1	310	\$9,186,300	2	6	5	40	13
Baraboo	0	53	158	0	82	\$2,435,200	3	2	1	9	2
Beaver Dam	0	65	144	0	87	\$2,770,200	5	1	1	16	0
Brown Deer	0	75	125	0	122	\$2,739,600	1	3	1	5	1
Cedarburg	1	31	101	2	45	\$3,449,300	0	1	2	3	0
Chippewa Falls	0	85	268	0	114	\$3,926,400	2	5	2	17	12
Cudahy	0	88	162	0	123	\$3,360,500	3	3	3	23	1
DePere	0	90	153	0	131	\$3,571,800	2	1	4	18	2
Fitchburg	0	91	281	0	121	\$4,038,200	1	2	4	24	92
Fort Atkinson	0	58	157	0	82	\$2,365,300	3	1	1	8	1
Germantown	3	81	236	4	118	\$7,827,000	2	0	7	23	43
Glendale	0	165	282	0	230	\$5,679,900	4	2	1	11	2
Grafton	0	48	103	0	70	\$1,913,100	0	1	2	3	2
Greendale	0	49	63	0	79	\$1,769,600	1	2	0	9	7
Howard	2	115	263	2	178	\$7,167,600	1	2	5	32	38
Kaukauna	0	44	122	0	63	\$1,875,400	5	2	3	10	1
Little Chute	2	44	62	2	65	\$3,707,900	5	3	1	11	1
Marinette	1	70	107	1	94	\$3,424,900	4	4	3	14	3
Marshfield	1	133	307	1	187	\$6,304,100	9	6	2	16	12
Menasha	0	91	165	0	123	\$3,678,500	9	3	2	23	0
Menomonie	0	95	226	0	129	\$3,618,200	8	2	3	24	32
Mequon	1	109	228	1	151	\$5,451,400	2	2	6	20	55
Merrill	0	64	168	0	97	\$2,811,900	4	4	2	6	18
Middleton	3	138	259	4	189	\$9,631,900	6	3	3	17	7
Monroe	0	78	124	0	126	\$2,741,000	4	3	1	10	1
Muskego	3	85	131	3	117	\$6,054,500	1	0	7	21	13
Neenah	0	154	301	0	221	\$5,912,700	15	4	4	28	2
Oconomowoc	0	57	131	0	74	\$2,350,900	4	4	3	5	1
Onalaska	0	96	226	0	146	\$4,706,800	0	3	0	15	23
Pewaukee (City)	4	140	360	4	203	\$10,495,000	2	1	4	14	70
Platteville	0	59	119	0	92	\$2,369,400	1	1	4	4	1
Pleasant Prairie	1	149	167	1	225	\$6,296,700	6	1	12	32	11
Plover	1	37	78	1	56	\$2,742,100	2	2	2	3	10
Port Washington	0	30	87	0	39	\$1,382,500	0	2	3	8	2
River Falls	1	53	130	1	77	\$3,251,900	3	2	1	8	8
Shorewood	0	46	85	0	64	\$1,942,300	6	4	0	9	0
South Milwaukee	1	98	154	1	150	\$5,074,000	9	4	9	24	0
Stevens Point	4	212	423	4	297	\$11,957,100	24	6	8	46	25
Stoughton	0	39	123	0	51	\$1,643,300	4	1	1	12	2
Sun Prairie	0	97	185	0	138	\$3,766,300	10	4	2	18	11
Two Rivers	1	60	132	1	77	\$3,115,600	4	4	2	7	13
Watertown	1	101	248	1	136	\$5,132,900	6	3	2	27	6
Waupun	0	45	60	0	73	\$1,671,800	2	4	1	5	2
Weston	0	51	143	0	73	\$2,162,900	4	0	0	7	32
Whitefish Bay	0	39	117	0	48	\$1,694,000	3	3	2	4	0
Whitewater	0	49	137	0	66	\$2,408,300	4	9	4	9	2
Wisconsin Rapids	0	178	411	0	250	\$7,090,400	7	1	10	22	16
<b>TOTAL</b>	<b>31</b>	<b>4,092</b>	<b>8,671</b>	<b>34</b>	<b>5,853</b>	<b>\$199,276,300</b>	<b>208</b>	<b>130</b>	<b>147</b>	<b>726</b>	<b>595</b>

Note: Economic loss is calculated using 1998 National Safety Council estimates plus 2.5% to account for inflation. Costs used were: Fatality: \$1,004,500, Incapacitating injury: \$45,100, Nonincapacitating injury: \$15,200, Possible injury: \$8,600, and Property damage: \$6,600.

## 1999 Crashes by Municipality, Severity and Crash Type with Total Killed, Total Injured and Economic Loss

Population 25,000-49,999	Crash Severity			Total Killed	Total Injured	Economic Loss	Bike Crash	Pedestrian Crash	Motorcycle Crash	Alcohol Crash	Deer/ Animal Crash
	Fatal	Injury	Property Damage								
Beloit	1	250	561	1	372	\$11,084,500	19	15	10	83	16
Brookfield	1	386	656	1	591	\$14,691,300	4	4	13	30	53
Fond du Lac	0	395	692	0	573	\$14,981,100	22	16	15	64	4
Franklin	1	131	186	1	199	\$5,794,700	1	5	8	26	33
Greenfield	2	474	720	2	754	\$19,117,700	10	10	18	61	9
Manitowoc	1	295	599	1	410	\$11,618,200	18	19	16	56	26
Menomonee Falls	1	191	503	1	308	\$9,750,300	8	2	11	25	63
New Berlin	3	193	392	3	288	\$10,496,700	2	3	11	28	38
Oak Creek	3	257	585	3	437	\$15,184,700	4	4	8	38	25
Superior	2	194	403	2	289	\$9,891,400	8	12	6	52	19
Wausau	2	347	682	2	483	\$14,383,000	19	18	7	64	21
Wauwatosa	0	522	930	0	761	\$19,292,200	18	17	16	61	9
West Bend	1	165	290	1	239	\$6,960,200	9	7	14	17	16
<b>TOTAL</b>	<b>18</b>	<b>3,800</b>	<b>7,199</b>	<b>18</b>	<b>5,704</b>	<b>\$163,246,000</b>	<b>142</b>	<b>132</b>	<b>153</b>	<b>605</b>	<b>332</b>

Population 50,000-99,999	Crash Severity			Total Killed	Total Injured	Economic Loss	Bike Crash	Pedestrian Crash	Motorcycle Crash	Alcohol Crash	Deer/ Animal Crash
	Fatal	Injury	Property Damage								
Appleton	3	443	860	3	612	\$19,910,500	36	15	10	85	1
Eau Claire	3	539	1,015	3	799	\$23,201,300	16	23	19	85	48
Janesville	4	548	957	4	796	\$23,824,300	22	19	28	112	15
Kenosha	2	720	1,190	2	1,077	\$28,317,900	47	47	23	146	1
La Crosse	1	529	1,146	1	748	\$21,681,600	37	26	22	94	15
Oshkosh	1	451	702	1	653	\$17,163,500	28	15	18	74	14
Racine	1	804	1,078	1	1,206	\$27,344,500	39	61	31	143	0
Sheboygan	0	333	791	0	464	\$13,601,400	34	27	21	45	33
Waukesha	2	409	1,025	2	564	\$19,914,600	25	16	12	61	14
West Allis	2	734	1,210	2	1,058	\$27,367,400	32	37	32	121	8
<b>TOTAL</b>	<b>19</b>	<b>5,510</b>	<b>9,974</b>	<b>19</b>	<b>7,977</b>	<b>\$222,327,000</b>	<b>316</b>	<b>286</b>	<b>216</b>	<b>966</b>	<b>149</b>

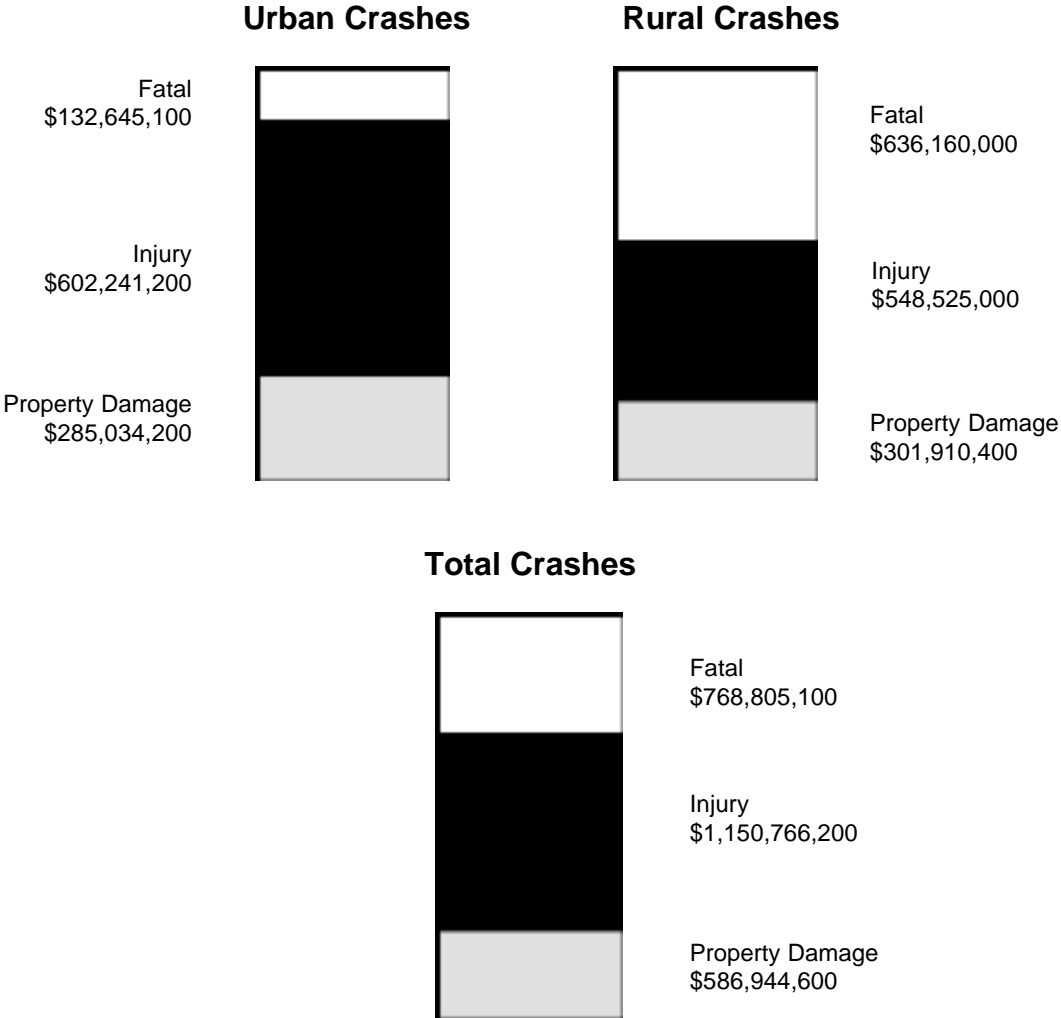
Population 100,000-249,999	Crash Severity			Total Killed	Total Injured	Economic Loss	Bike Crash	Pedestrian Crash	Motorcycle Crash	Alcohol Crash	Deer/ Animal Crash
	Fatal	Injury	Property Damage								
Green Bay	3	728	982	3	1,098	\$28,382,900	24	28	32	185	51
Madison	3	1,845	2,627	3	2,689	\$65,828,300	100	90	67	341	42
<b>TOTAL</b>	<b>6</b>	<b>2,573</b>	<b>3,609</b>	<b>6</b>	<b>3,787</b>	<b>\$94,211,200</b>	<b>124</b>	<b>118</b>	<b>99</b>	<b>526</b>	<b>93</b>

Population 250,000 - Over	Crash Severity			Total Killed	Total Injured	Economic Loss	Bike Crash	Pedestrian Crash	Motorcycle Crash	Alcohol Crash	Deer/ Animal Crash
	Fatal	Injury	Property Damage								
Milwaukee	32	5,912	9,933	33	9,007	\$249,542,800	235	600	203	596	44
<b>TOTAL</b>	<b>32</b>	<b>5,912</b>	<b>9,933</b>	<b>33</b>	<b>9,007</b>	<b>\$249,542,800</b>	<b>235</b>	<b>600</b>	<b>203</b>	<b>596</b>	<b>44</b>

Note: Economic loss is calculated using 1998 National Safety Council estimates plus 2.5% to account for inflation. Costs used were: Fatality: \$1,004,500, Incapacitating injury: \$45,100, Nonincapacitating injury: \$15,200, Possible injury: \$8,600, and Property damage: \$6,600.

## 1999 Economic Loss in Crashes

Type of Crash	Fatal	Injury	Property Damage	TOTAL
Rural	\$636,160,000	\$548,525,000	\$301,910,400	\$1,486,595,400
Urban	\$132,645,100	\$602,241,200	\$285,034,200	\$1,019,920,500
TOTAL	\$768,805,100	\$1,150,766,200	\$586,944,600	\$2,506,515,900



Note: Economic loss is calculated using 1998 National Safety Council estimates plus 2.5% to account for inflation. Costs used were: Fatality: \$1,004,500, Incapacitating injury: \$45,100, Nonincapacitating injury: \$15,200, Possible injury: \$8,600, and Property damage: \$6,600.

This method of calculating economic loss differs from that used in some prior Wisconsin Traffic Crash Facts books where a single cost figure was used for all non-fatal injuries, regardless of severity.

## 1999 Bicycle, Construction Zone, Deer, Hit & Run, Motorcycle, Pedestrian, and School Bus Crashes by County and Severity

County	Bicycle Crashes				Construction Zone Crashes				Deer Crashes				Hit & Run Crashes				Motorcycle Crashes				Pedestrian Crashes				School Bus Crashes			
	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot
Adams	0	1	0	1	0	1	2	3	0	10	437	447	1	6	21	28	0	13	3	16	1	2	1	4	0	1	3	4
Ashland	0	1	0	1	0	0	2	2	0	4	37	41	0	3	13	16	0	4	0	4	1	3	0	4	0	0	1	1
Barron	1	6	0	7	0	2	5	7	0	8	30	38	1	8	42	51	0	8	1	9	2	5	0	7	0	0	1	1
Bayfield	0	0	0	0	1	2	4	7	0	5	78	83	0	1	8	9	0	3	0	3	0	1	0	1	0	0	0	0
Brown	1	36	0	37	0	39	55	94	0	12	439	451	0	101	275	376	1	59	6	66	3	40	1	44	0	9	13	22
Buffalo	0	0	0	0	0	2	4	6	1	2	72	75	0	1	19	20	1	8	1	10	0	1	0	1	0	2	2	4
Burnett	0	1	0	1	0	1	0	1	0	3	33	36	0	8	7	15	0	5	0	5	0	2	0	2	0	0	2	2
Calumet	0	7	0	7	0	3	4	7	0	8	205	213	0	4	24	28	0	9	4	13	0	2	0	2	0	1	2	3
Chippewa	0	10	0	10	0	4	6	10	0	11	268	279	0	8	70	78	1	13	1	15	0	11	0	11	0	3	3	6
Clark	0	4	0	4	0	3	4	7	0	8	422	430	0	2	23	25	2	11	1	14	2	5	0	7	0	0	1	1
Columbia	0	11	0	11	0	12	15	27	0	17	756	773	0	13	70	83	0	28	2	30	0	8	1	9	1	0	3	4
Crawford	0	2	0	2	0	2	4	6	0	1	53	54	0	3	15	18	1	12	1	14	0	3	0	3	0	2	1	3
Dane	1	132	5	138	0	31	64	95	1	29	1,253	1,283	1	246	795	1,042	2	104	17	123	3	121	3	127	0	8	23	31
Dodge	0	11	0	11	0	6	10	16	1	9	507	517	0	16	65	81	3	24	4	31	0	17	0	17	0	1	3	4
Door	0	2	1	3	0	0	0	0	0	6	304	310	1	10	30	41	0	10	1	11	0	3	0	3	0	2	0	2
Douglas	0	8	1	9	0	6	6	12	0	11	122	133	0	17	66	83	0	13	2	15	0	12	0	12	0	2	3	5
Dunn	1	9	0	10	0	2	5	7	0	4	414	418	1	12	38	51	0	12	4	16	0	2	0	2	0	3	2	5
Eau Claire	3	14	0	17	0	24	31	55	0	15	416	431	0	38	150	188	2	32	0	34	0	25	2	27	0	1	3	4
Florence	0	0	0	0	0	3	1	4	0	0	139	139	0	0	2	2	0	3	2	5	1	0	0	1	0	0	0	0
Fond du Lac	0	27	1	28	0	9	29	38	0	13	539	552	0	32	128	160	1	38	5	44	3	20	1	24	0	5	5	10
Forest	0	1	0	1	0	1	1	2	0	1	151	152	0	0	13	13	0	1	0	1	1	0	0	1	0	1	0	1
Grant	0	5	0	5	0	3	5	8	0	3	339	342	0	7	67	74	0	10	3	13	0	14	0	14	0	2	5	7
Green	0	6	0	6	0	1	2	3	0	6	251	257	0	17	41	58	2	11	2	15	0	9	0	9	1	0	2	3
Green Lake	0	5	0	5	0	0	1	1	0	6	307	313	0	2	20	22	0	5	0	5	0	2	0	2	0	1	0	1
Iowa	0	0	0	0	0	1	3	4	0	8	138	146	0	4	22	26	0	8	0	8	0	2	0	2	0	2	1	3
Iron	0	0	0	0	0	0	0	0	0	3	15	18	0	2	1	3	0	2	1	3	0	2	0	2	0	0	0	0
Jackson	0	5	0	5	0	3	2	5	0	7	346	353	0	5	35	40	0	9	0	9	0	3	0	3	0	0	4	4
Jefferson	1	11	0	12	0	7	13	20	0	5	352	357	0	18	73	91	0	14	4	18	0	10	1	11	0	2	3	5
Juneau	0	3	0	3	0	3	4	7	0	8	235	243	0	7	33	40	1	10	1	12	2	3	0	5	1	0	4	5
Kenosha	0	57	2	59	0	18	18	36	0	3	133	136	1	121	339	461	4	54	7	65	2	56	0	58	0	5	14	19
Kewaunee	0	2	0	2	0	0	0	0	0	5	25	30	0	3	12	15	0	10	0	10	0	2	0	2	0	0	1	1
La Crosse	0	39	1	40	0	21	24	45	0	11	323	334	0	38	210	248	1	32	6	39	1	30	2	33	0	1	7	8
Lafayette	0	1	0	1	1	1	2	4	0	2	109	111	0	4	18	22	0	3	0	3	0	4	0	4	0	0	0	0
Langlade	0	4	0	4	1	7	5	13	0	5	36	41	0	6	15	21	0	5	1	6	0	5	0	5	0	0	5	5
Lincoln	0	6	1	7	0	5	12	17	0	17	254	271	0	8	25	33	0	16	1	17	0	4	0	4	0	1	2	3
Manitowoc	0	23	0	23	1	2	14	17	0	16	388	404	1	31	101	133	2	36	4	42	1	24	0	25	0	0	9	9

Continued

## 1999 Bicycle, Construction Zone, Deer, Hit & Run, Motorcycle, Pedestrian, and School Bus Crashes by County and Severity

County	Bicycle Crashes				Construction Zone Crashes				Deer Crashes				Hit & Run Crashes				Motorcycle Crashes				Pedestrian Crashes				School Bus Crashes			
	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot
Marathon	1	33	0	34	0	37	79	116	1	30	860	891	0	44	111	155	1	32	2	35	1	24	0	25	0	6	8	14
Marinette	1	7	0	8	1	4	3	8	0	20	117	137	0	7	43	50	0	21	2	23	0	8	0	8	0	1	1	2
Marquette	0	1	0	1	0	3	4	7	0	5	304	309	0	1	4	5	1	9	2	12	0	1	0	1	0	3	2	5
Menominee	0	0	0	0	0	1	2	3	0	1	5	6	0	1	5	6	0	1	0	1	1	0	0	1	0	0	0	0
Milwaukee	3	311	24	338	3	214	392	609	0	7	141	148	2	1,035	4,107	5,144	4	262	47	313	13	670	21	704	0	127	237	364
Monroe	1	6	0	7	0	7	14	21	1	18	366	385	0	13	63	76	1	15	1	17	1	6	0	7	0	4	5	9
Oconto	0	7	0	7	1	4	7	12	0	13	70	83	0	5	32	37	0	26	2	28	0	1	2	3	0	0	1	1
Oneida	0	8	0	8	0	2	3	5	0	18	269	287	0	9	25	34	0	16	3	19	0	5	0	5	0	2	4	6
Outagamie	0	50	2	52	1	25	31	57	0	21	471	492	0	64	179	243	3	31	6	40	3	35	1	39	0	4	6	10
Ozaukee	0	7	0	7	0	6	12	18	0	11	263	274	0	14	51	65	0	25	4	29	1	7	0	8	0	5	3	8
Pepin	0	1	0	1	0	0	0	0	0	5	36	41	0	2	2	4	0	4	0	4	0	0	0	0	0	0	0	0
Pierce	0	3	0	3	0	0	3	3	0	8	184	192	0	7	53	60	1	18	2	21	0	5	0	5	0	0	3	3
Polk	0	0	0	0	0	3	2	5	0	10	55	65	0	5	23	28	2	10	4	16	0	2	0	2	0	0	2	2
Portage	1	29	1	31	1	23	41	65	0	12	711	723	0	19	83	102	1	23	2	26	2	9	0	11	0	3	10	13
Price	0	1	0	1	0	0	1	1	0	9	54	63	0	0	2	2	1	3	0	4	0	0	0	0	0	0	1	1
Racine	0	61	1	62	0	35	56	91	0	1	138	139	2	162	375	539	1	67	7	75	2	80	0	82	0	6	18	24
Richland	0	0	0	0	0	4	9	13	0	9	189	198	0	3	18	21	0	11	2	13	0	3	0	3	0	0	0	0
Rock	0	47	2	49	0	16	53	69	0	10	471	481	0	107	423	530	5	49	6	60	1	42	1	44	0	2	11	13
Rusk	0	2	0	2	0	0	0	0	0	4	16	20	0	4	8	12	0	5	1	6	0	3	0	3	0	0	1	1
St. Croix	0	7	0	7	0	10	22	32	0	18	462	480	0	14	65	79	2	24	2	28	0	5	0	5	0	3	5	8
Sauk	0	9	0	9	1	5	7	13	0	14	565	579	0	25	98	123	2	32	4	38	0	9	1	10	0	2	3	5
Sawyer	0	3	0	3	1	1	4	6	0	2	35	37	0	3	14	17	0	5	1	6	0	8	0	8	0	1	0	1
Shawano	1	6	1	8	1	15	10	26	0	15	682	697	0	7	38	45	1	12	0	13	0	4	0	4	0	3	4	7
Sheboygan	0	44	1	45	0	11	34	45	0	18	606	624	0	39	178	217	0	50	12	62	0	38	1	39	0	3	8	11
Taylor	0	3	0	3	0	1	2	3	0	7	313	320	0	5	15	20	0	2	0	2	0	2	0	2	0	1	3	4
Trempealeau	0	3	0	3	0	0	2	2	0	5	12	17	0	2	31	33	0	6	0	6	0	6	0	6	0	0	2	2
Vernon	0	1	0	1	0	6	7	13	0	7	220	227	0	3	11	14	1	16	0	17	0	7	0	7	0	2	1	3
Vilas	0	1	1	2	0	4	0	4	0	10	96	106	0	1	14	15	0	12	2	14	0	4	0	4	0	1	1	2
Walworth	0	14	1	15	1	15	29	45	0	12	276	288	1	25	107	133	1	38	6	45	2	23	2	27	0	5	8	13
Washburn	0	1	0	1	0	2	1	3	0	14	56	70	0	1	7	8	0	2	0	2	0	4	0	4	0	0	4	4
Washington	0	20	1	21	0	21	40	61	0	22	430	452	0	27	114	141	2	52	4	58	3	17	1	21	0	4	7	11
Waukesha	1	55	4	60	0	59	110	169	0	23	654	677	0	77	375	452	2	94	14	110	1	44	1	46	0	23	52	75
Waupaca	0	4	0	4	1	6	2	9	0	11	718	729	0	11	43	54	2	25	4	31	0	14	0	14	0	0	0	0
Waushara	0	5	0	5	0	1	0	1	1	12	257	270	0	6	20	26	2	14	0	16	1	4	0	5	0	1	1	2
Winnebago	1	53	1	55	0	10	27	37	0	8	491	499	0	52	188	240	1	40	1	42	0	26	0	26	0	5	14	19
Wood	0	18	1	19	0	5	12	17	0	14	58	72	0	30	63	93	0	33	3	36	0	8	0	8	0	1	8	9
<b>TOTAL</b>	<b>18</b>	<b>1,271</b>	<b>53</b>	<b>1,342</b>	<b>16</b>	<b>781</b>	<b>1,378</b>	<b>2,175</b>	<b>6</b>	<b>706</b>	<b>20,577</b>	<b>21,289</b>	<b>12</b>	<b>2,632</b>	<b>9,874</b>	<b>12,518</b>	<b>61</b>	<b>1,720</b>	<b>231</b>	<b>2,012</b>	<b>55</b>	<b>1,577</b>	<b>43</b>	<b>1,675</b>	<b>3</b>	<b>273</b>	<b>562</b>	<b>838</b>

Ftl = Fatal      Inj = Injury      PD = Property Damage      Tot = Total

## 1999 Crashes by Crash Type and Severity with Total Killed, Total Injured by Urban/Rural Location

Collision of a motor vehicle with:	Fatal Crashes			Injury Crashes			Property Damage Crashes			Total Crashes			TOTAL	
	Rur	Urb	Tot	Rur	Urb	Tot	Rur	Urb	Tot	Rur	Urb	Tot	Persons Killed	Persons Injured
	Motor vehicle in transport	249	48	297	7,867	18,540	26,407	12,451	31,610	44,061	20,567	50,198	70,765	338
Fixed object	177	37	214	5,888	2,289	8,177	9,307	5,578	14,885	15,372	7,904	23,276	237	10,686
Deer	6	0	6	658	48	706	19,245	1,332	20,577	19,909	1,380	21,289	6	841
Parked motor vehicle	3	4	7	160	514	674	1,009	3,794	4,803	1,172	4,312	5,484	7	848
Overturn	70	5	75	2,140	205	2,345	1,814	142	1,956	4,024	352	4,376	79	3,235
Pedestrian	27	21	48	212	973	1,185	1	16	17	240	1,010	1,250	49	1,260
Other object - not fixed	4	0	4	122	76	198	457	271	728	583	347	930	4	245
Other non-collision	2	0	2	251	233	484	307	117	424	560	350	910	2	566
Bicycle	7	5	12	141	698	839	2	30	32	150	733	883	12	859
Fire/explosion	0	0	0	15	7	22	494	163	657	509	170	679	0	23
Other animal	0	0	0	97	4	101	359	11	370	456	15	471	0	132
Motor vehicle in transport in other roadway	3	1	4	57	40	97	83	63	146	143	104	247	5	176
Jackknife	0	0	0	14	5	19	130	19	149	144	24	168	0	20
Train	2	3	5	17	16	33	23	18	41	42	37	79	5	48
Immersion	0	0	0	6	1	7	22	1	23	28	2	30	0	8
Unknown	0	0	0	36	15	51	40	22	62	76	37	113	0	83
<b>TOTAL</b>	<b>550</b>	<b>124</b>	<b>674</b>	<b>17,681</b>	<b>23,664</b>	<b>41,345</b>	<b>45,744</b>	<b>43,187</b>	<b>88,931</b>	<b>63,975</b>	<b>66,975</b>	<b>130,950</b>	<b>744</b>	<b>61,577</b>

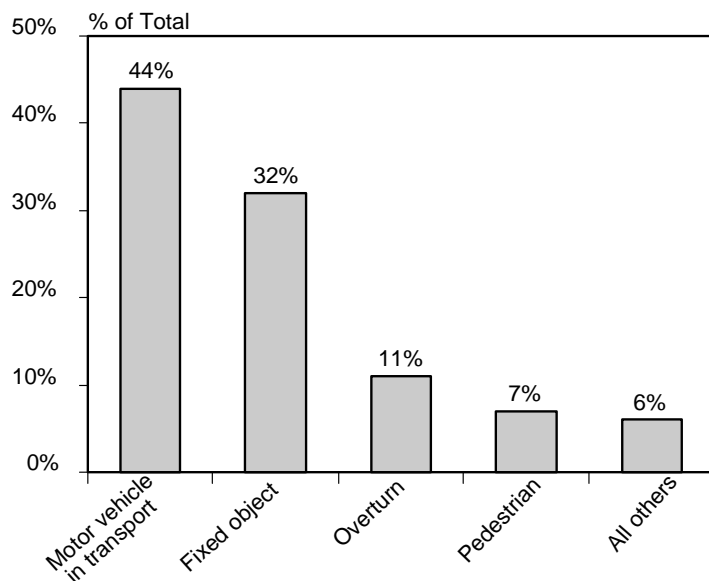
Rural = An unincorporated area or an incorporated area with a population under 5,000.

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

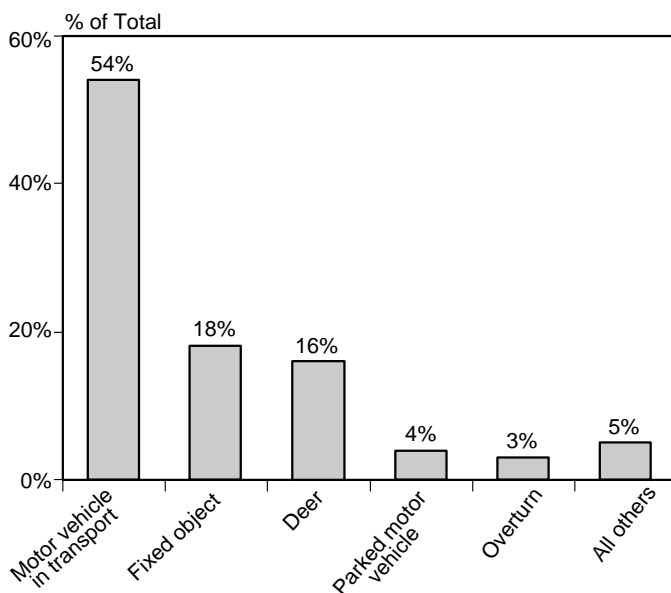
Note: Crash type is based on the first harmful event in a crash, which is defined as the first occurrence of injury or property damage.

### 1999 Crashes by Crash Type

#### Fatal Crashes



#### Total Crashes





## 1999 Fire-Related Crashes by Manner of Collision and Severity

Manner of Collision	Fatal	Injury	Property Damage	TOTAL
No collision with motor vehicle in transport	18	108	651	777
Angle	11	33	5	49
Rear end	1	17	8	26
Head on	3	9	0	12
Side swipe same	1	4	6	11
Side swipe opposite	0	3	0	3
Unknown	0	2	45	47
<b>TOTAL</b>	<b>34</b>	<b>176</b>	<b>715</b>	<b>925</b>

## 1999 Average Crash Response Time by Month and Reporting Agency by Urban/Rural Location

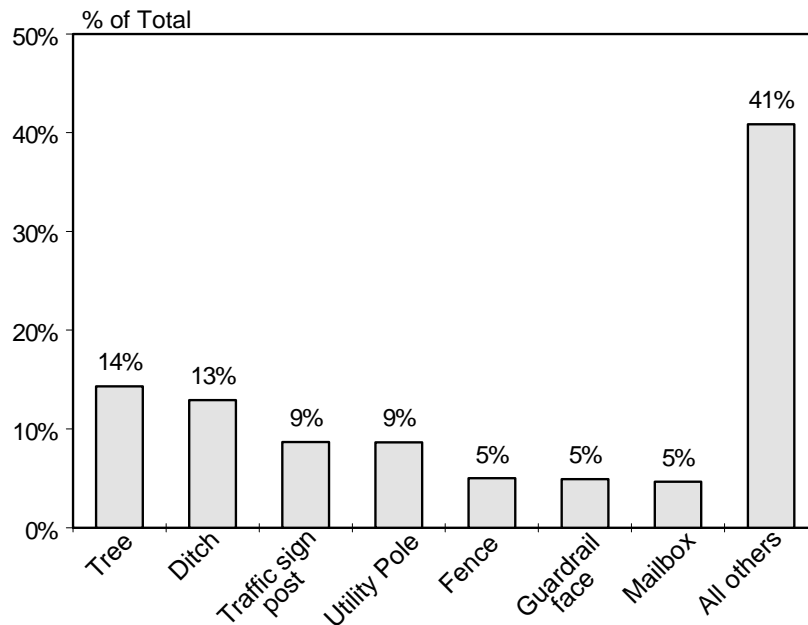
Month	State Patrol		County Sheriff		City Police		Village Police		Town Police		Other		Monthly Avg. Time	
	Rur	Urb	Rur	Urb	Rur	Urb	Rur	Urb	Rur	Urb	Rur	Urb	Rur	Urb
Jan	0:11	0:09	0:18	0:08	0:05	0:08	0:06	0:06	0:09	0:00	0:04	0:05	0:15	0:08
Feb	0:16	0:17	0:18	0:08	0:07	0:06	0:04	0:06	0:08	0:00	0:04	0:04	0:15	0:07
Mar	0:10	0:10	0:18	0:06	0:05	0:07	0:05	0:04	0:07	0:03	0:07	0:04	0:15	0:07
Apr	0:11	0:07	0:19	0:06	0:04	0:06	0:04	0:04	0:05	0:00	0:10	0:03	0:15	0:06
May	0:12	0:08	0:16	0:07	0:08	0:07	0:05	0:07	0:07	0:04	0:05	0:04	0:14	0:07
Jun	0:09	0:10	0:16	0:07	0:05	0:06	0:10	0:05	0:05	0:07	0:63	0:03	0:14	0:06
Jul	0:10	0:10	0:17	0:07	0:04	0:07	0:07	0:06	0:07	0:00	0:03	0:03	0:14	0:07
Aug	0:10	0:09	0:17	0:08	0:03	0:06	0:05	0:07	0:05	0:04	0:05	0:04	0:14	0:06
Sep	0:09	0:07	0:17	0:07	0:04	0:06	0:06	0:07	0:06	0:05	0:08	0:05	0:14	0:06
Oct	0:11	0:09	0:18	0:06	0:04	0:06	0:07	0:05	0:06	0:04	0:04	0:06	0:15	0:06
Nov	0:11	0:06	0:19	0:06	0:05	0:06	0:08	0:05	0:06	0:00	0:09	0:06	0:16	0:06
Dec	0:11	0:09	0:17	0:06	0:08	0:07	0:10	0:07	0:07	0:00	0:06	0:03	0:15	0:07
<b>Avg</b>	<b>0:11</b>	<b>0:09</b>	<b>0:18</b>	<b>0:07</b>	<b>0:05</b>	<b>0:07</b>	<b>0:06</b>	<b>0:06</b>	<b>0:07</b>	<b>0:05</b>	<b>0:11</b>	<b>0:04</b>	<b>0:15</b>	<b>0:07</b>

Note: Average response time is the difference between time notified and time of arrival as reported by the investigating officer. Times are shown in hours and minutes. The enforcement agency type "County Traffic" is included in the "Other" column.

## 1999 Fixed Objects Struck by Crash Severity and Urban/Rural Location

Type of Fixed Object	Fatal			Injury			Property Damage			TOTAL		
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
Tree	61	16	77	1,314	581	1,895	1,594	701	2,295	2,969	1,298	4,267
Ditch	39	2	41	1,698	111	1,809	1,881	117	1,998	3,618	230	3,848
Traffic sign post	28	4	32	489	249	738	1,100	719	1,819	1,617	972	2,589
Utility pole	22	4	26	660	465	1,125	798	627	1,425	1,480	1,096	2,576
Fence	11	3	14	346	123	469	698	310	1,008	1,055	436	1,491
Guardrail face	13	1	14	301	116	417	762	268	1,030	1,076	385	1,461
Mailbox	9	1	10	338	60	398	764	212	976	1,111	273	1,384
Embankment	17	2	19	624	36	660	502	50	552	1,143	88	1,231
Traffic signal	2	0	2	46	224	270	175	781	956	223	1,005	1,228
Median barrier	1	3	4	108	341	449	184	552	736	293	896	1,189
Other post	6	4	10	216	85	301	485	179	664	707	268	975
Lum. light support	1	5	6	19	209	228	73	524	597	93	738	831
Curb	1	6	7	49	213	262	111	403	514	161	622	783
Culvert	12	2	14	336	24	360	227	31	258	575	57	632
Guardrail end	7	0	7	111	26	137	151	56	207	269	82	351
Bridge/pier/abut	1	1	2	45	30	75	129	105	234	175	136	311
Bridge rail	1	0	1	61	35	96	112	79	191	174	114	288
Bridge parapet end	1	0	1	18	15	33	19	22	41	38	37	75
Impact attenuator	0	0	0	8	5	13	7	22	29	15	27	42
Overhead sign post	0	0	0	10	3	13	8	9	17	18	12	30
Other fixed object	19	7	26	407	600	1,007	778	1,060	1,838	1,204	1,667	2,871
Other object (not fixed)	3	0	3	173	109	282	526	316	842	702	425	1,127
Unknown	1	0	1	59	21	80	81	47	128	141	68	209
<b>TOTAL</b>	<b>256</b>	<b>61</b>	<b>317</b>	<b>7,436</b>	<b>3,681</b>	<b>11,117</b>	<b>11,165</b>	<b>7,190</b>	<b>18,355</b>	<b>18,857</b>	<b>10,932</b>	<b>29,789</b>

## 1999 Fixed Objects Struck in All Crashes



## 1999 Fixed Objects Struck by Owner Type

Type of Fixed Object	Owner Type			TOTAL
	Non-Government	Federal/State	County/Municipal	
Tree	3,370	115	782	4,267
Ditch	3,582	109	157	3,848
Traffic sign post	411	631	1,547	2,589
Utility pole	2,114	123	339	2,576
Fence	1,074	289	128	1,491
Guardrail face	328	678	455	1,461
Mailbox	1,339	27	18	1,384
Embankment	1,120	59	52	1,231
Traffic signal	219	365	644	1,228
Median barrier	257	871	61	1,189
Other post	455	229	291	975
Lum. light support	205	98	528	831
Curb	491	108	184	783
Culvert	510	38	84	632
Guardrail end	71	150	130	351
Bridge/pier/abut	142	120	49	311
Bridge rail	101	120	67	288
Bridge parapet end	25	22	28	75
Impact attenuator	5	31	6	42
Overhead sign post	10	8	12	30
Other fixed object	2,092	205	574	2,871
Other object (not fixed)	1,077	18	32	1,127
Unknown	181	11	17	209
<b>TOTAL</b>	<b>19,179</b>	<b>4,425</b>	<b>6,185</b>	<b>29,789</b>

This report counts fixed objects struck, not crashes.

Note: This report counts fixed objects struck for which the owner type was known. "Owner Type" refers to who owned the fixed object that was struck. For example, a tree under owner type "Federal/State" would be a tree owned by the federal or state government.

## 1999 Crashes by Crash Conditions and Severity with Total Killed, Total Injured

### Light Conditions

Light Conditions	Fatal Crashes	Injury Crashes	Property Damage Crashes	Total Crashes	TOTAL	
					Persons Killed	Persons Injured
Daylight	378	27,855	46,025	74,258	416	41,957
Dark/lighted	41	5,684	10,878	16,603	44	8,589
Dark/unlit	227	5,788	9,686	15,701	252	8,193
Dusk	20	1,168	1,891	3,079	20	1,765
Dawn	6	605	1,196	1,807	10	769
Unknown	2	245	19,255	19,502	2	304
<b>TOTAL</b>	<b>674</b>	<b>41,345</b>	<b>88,931</b>	<b>130,950</b>	<b>744</b>	<b>61,577</b>

### Weather Conditions

Weather Conditions	Fatal Crashes	Injury Crashes	Property Damage Crashes	Total Crashes	TOTAL	
					Persons Killed	Persons Injured
Clear	384	22,282	35,094	57,760	422	33,203
Cloudy	199	12,127	20,747	33,073	223	18,084
Rain	34	3,154	5,291	8,479	38	4,879
Snow	27	2,159	6,141	8,327	30	3,087
Fog/smog/smoke	14	528	717	1,259	15	777
Sleet/hail	2	286	666	954	2	410
Blowing sand/dirt/snow	1	140	343	484	1	247
Severe crosswinds	1	27	49	77	1	31
Other	1	14	15	30	1	19
Unknown	11	628	19,868	20,507	11	840
<b>TOTAL</b>	<b>674</b>	<b>41,345</b>	<b>88,931</b>	<b>130,950</b>	<b>744</b>	<b>61,577</b>

### Road Conditions

Road Conditions	Fatal Crashes	Injury Crashes	Property Damage Crashes	Total Crashes	TOTAL	
					Persons Killed	Persons Injured
Dry	530	29,584	45,528	75,642	581	44,410
Wet	68	5,587	9,367	15,022	77	8,577
Snow/slush	29	2,840	8,540	11,409	35	4,051
Ice	25	1,664	3,935	5,624	28	2,244
Sand/mud/dirt/oil	3	142	189	334	3	204
Other	2	113	147	262	2	153
Unknown	17	1,415	21,225	22,657	18	1,938
<b>TOTAL</b>	<b>674</b>	<b>41,345</b>	<b>88,931</b>	<b>130,950</b>	<b>744</b>	<b>61,577</b>

## 1999 Crashes by Weather and Light Conditions

Weather Conditions	Light Conditions						TOTAL
	Daylight	Dark/lighted	Dark/unlit	Dusk	Dawn	Unknown	
Clear	41,008	7,442	6,989	1,343	721	257	57,760
Cloudy	21,339	5,389	4,555	1,047	610	133	33,073
Rain	5,158	1,804	1,033	309	143	32	8,479
Snow	4,828	1,404	1,634	273	145	43	8,327
Fog/smog/smoke	467	130	547	9	99	7	1,259
Sleet/hail	366	145	370	30	37	6	954
Blowing sand/dirt/snow	275	44	133	18	12	2	484
Severe crosswinds	41	4	22	4	5	1	77
Other	14	6	8	0	2	0	30
Unknown	762	235	410	46	33	19,021	20,507
<b>TOTAL</b>	<b>74,258</b>	<b>16,603</b>	<b>15,701</b>	<b>3,079</b>	<b>1,807</b>	<b>19,502</b>	<b>130,950</b>

## 1999 Crashes by Road and Light Conditions

Road Conditions	Light Conditions						TOTAL
	Daylight	Dark/lighted	Dark/unlit	Dusk	Dawn	Unknown	
Dry	52,545	10,357	9,349	1,956	949	486	75,642
Wet	9,327	3,151	1,690	509	275	70	15,022
Snow/slush	6,849	1,951	1,952	348	200	109	11,409
Ice	2,883	525	1,764	127	297	28	5,624
Sand/mud/dirt/oil	184	31	98	12	5	4	334
Other	159	24	67	3	6	3	262
Unknown	2,311	564	781	124	75	18,802	22,657
<b>TOTAL</b>	<b>74,258</b>	<b>16,603</b>	<b>15,701</b>	<b>3,079</b>	<b>1,807</b>	<b>19,502</b>	<b>130,950</b>

## 1999 Crashes by Weather and Road Conditions

Weather Conditions	Road Conditions							TOTAL
	Dry	Wet	Snow/slush	Ice	Sand/mud/dirt/oil	Other	Unknown	
Clear	51,270	1,162	1,803	1,468	201	172	1,684	57,760
Cloudy	23,133	4,471	2,563	1,686	104	71	1,045	33,073
Rain	89	7,951	44	189	19	2	185	8,479
Snow	36	450	6,232	1,201	2	0	406	8,327
Fog/smog/smoke	548	425	33	189	6	10	48	1,259
Sleet/hail	3	150	159	600	0	1	41	954
Blowing sand/dirt/snow	5	10	279	159	0	1	30	484
Severe crosswinds	30	23	5	17	0	0	2	77
Other	11	5	1	11	0	1	1	30
Unknown	517	375	290	104	2	4	19,215	20,507
<b>TOTAL</b>	<b>75,642</b>	<b>15,022</b>	<b>11,409</b>	<b>5,624</b>	<b>334</b>	<b>262</b>	<b>22,657</b>	<b>130,950</b>

## 1999 Highway Possible Contributing Circumstances (PCCs) by Crash Severity and Urban/Rural Location

Highway PCCs	Crash Severity									Total Highway PCCs		
	Fatal Crashes			Injury Crashes			Property Damage Crashes					
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
Snow/ice/wet	100	15	115	4,989	5,222	10,211	10,297	10,692	20,989	15,386	15,929	31,315
Visibility obscured	21	9	30	772	1,090	1,862	984	1,468	2,452	1,777	2,567	4,344
Construction zone	8	2	10	327	439	766	503	820	1,323	838	1,261	2,099
Loose gravel	9	0	9	368	46	414	368	64	432	745	110	855
Other debris	1	1	2	67	67	134	213	147	360	281	215	496
Narrow shoulder	5	0	5	152	15	167	252	39	291	409	54	463
Low shoulder	4	0	4	130	10	140	122	15	137	256	25	281
Soft shoulder	0	0	0	90	5	95	105	2	107	195	7	202
Debris from prior crash	1	0	1	47	15	62	43	23	66	91	38	129
Sign obscured or missing	1	0	1	28	28	56	26	37	63	55	65	120
Rough pavement	0	1	1	34	6	40	31	17	48	65	24	89
Narrow bridge	0	0	0	12	3	15	35	7	42	47	10	57
Other	7	3	10	304	315	619	470	592	1,062	781	910	1,691
<b>TOTAL</b>	<b>157</b>	<b>31</b>	<b>188</b>	<b>7,320</b>	<b>7,261</b>	<b>14,581</b>	<b>13,449</b>	<b>13,923</b>	<b>27,372</b>	<b>20,926</b>	<b>21,215</b>	<b>42,141</b>

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

## 1999 Total Crashes With and Without Highway PCCs by Crash Severity and Urban/Rural Location

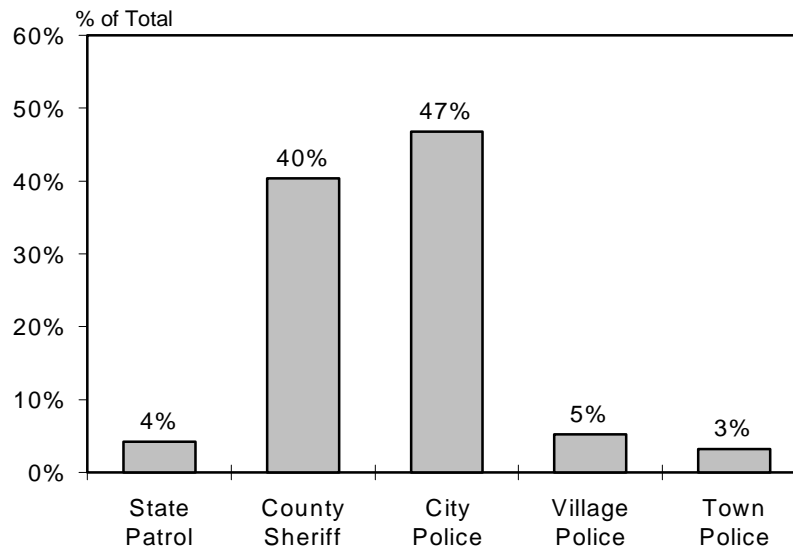
Crashes with and Without Highway PCCs	Crash Severity									Total Crashes		
	Fatal Crashes			Injury Crashes			Property Damage Crashes					
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
With PCCs	109	22	131	5,081	4,319	9,400	10,058	9,028	19,086	15,248	13,369	28,617
Without PCCs	441	102	543	12,600	19,345	31,945	35,686	34,159	69,845	48,727	53,606	102,333
<b>TOTAL</b>	<b>550</b>	<b>124</b>	<b>674</b>	<b>17,681</b>	<b>23,664</b>	<b>41,345</b>	<b>45,744</b>	<b>43,187</b>	<b>88,931</b>	<b>63,975</b>	<b>66,975</b>	<b>130,950</b>

Note: PCC = Possible contributing circumstance

## 1999 Crashes and Citations by Reporting Agency and Severity

Reporting Agency	Fatal Crashes			Injury Crashes			Property Damage Crashes			TOTAL		
	Total Crash	With At Least 1 Citation Issued		Total Crash	With At Least 1 Citation Issued		Total Crash	With At Least 1 Citation Issued		Total Crash	With At Least 1 Citation Issued	
		Total	Percent		Total	Percent		Total	Percent		Total	Percent
State Patrol	57	10	18%	1,503	902	60%	3,938	1,098	28%	5,498	2,010	37%
County Sheriff	479	99	21%	14,491	8,372	58%	37,877	8,707	23%	52,847	17,178	33%
City Police	103	25	24%	21,715	14,877	69%	39,483	21,182	54%	61,301	36,084	59%
Village Police	16	2	13%	2,131	1,380	65%	4,741	2,073	44%	6,888	3,455	50%
Town Police	15	1	7%	1,423	865	61%	2,735	951	35%	4,173	1,817	44%
Other	4	1	25%	82	41	50%	157	26	17%	243	68	28%
<b>TOTAL</b>	<b>674</b>	<b>138</b>	<b>20%</b>	<b>41,345</b>	<b>26,437</b>	<b>64%</b>	<b>88,931</b>	<b>34,037</b>	<b>38%</b>	<b>130,950</b>	<b>60,612</b>	<b>46%</b>

### 1999 Crashes by Reporting Agency



## 1999 Crashes by County and Reporting Agency Type by Severity

County	State Patrol				County Sheriff				City Police				Village Police				Town Police				Other				TOTAL			
	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot
Adams	0	5	36	41	4	120	523	647	0	13	35	48	0	0	0	0	0	13	74	87	0	0	0	0	4	151	668	823
Ashland	0	0	1	1	2	37	79	118	0	31	123	154	0	0	0	0	0	9	3	12	0	0	0	0	2	77	206	285
Barron	2	24	37	63	11	153	226	390	1	169	318	488	0	12	38	50	0	0	0	0	0	0	1	1	14	358	620	992
Bayfield	0	9	14	23	2	53	162	217	0	7	23	30	0	0	0	0	0	8	20	28	0	0	1	1	2	77	220	299
Brown	0	17	49	66	10	490	1,211	1,711	3	808	1,117	1,928	1	206	418	625	0	0	0	0	0	14	40	54	14	1,535	2,835	4,384
Buffalo	0	5	9	14	4	73	177	254	0	8	43	51	0	0	0	0	0	0	0	0	0	0	0	0	4	86	229	319
Burnett	0	2	1	3	7	94	109	210	0	0	0	0	0	16	27	43	0	2	4	6	0	0	0	0	7	114	141	262
Calumet	1	10	19	30	6	131	345	482	0	57	163	220	0	0	0	0	0	0	0	0	0	0	0	0	7	198	527	732
Chippewa	0	18	36	54	6	216	444	666	0	136	389	525	0	7	14	21	0	40	89	129	0	0	0	0	6	417	972	1,395
Clark	1	8	32	41	10	146	620	776	0	39	80	119	0	1	6	7	0	0	0	0	0	0	0	0	11	194	738	943
Columbia	1	52	129	182	6	247	1,012	1,265	0	119	294	413	0	8	30	38	0	0	0	0	0	0	1	1	7	426	1,466	1,899
Crawford	0	11	13	24	3	102	191	296	2	39	115	156	0	1	2	3	0	0	0	0	0	0	0	0	5	153	321	479
Dane	4	123	479	606	17	617	1,915	2,549	6	2,277	3,525	5,808	2	136	396	534	1	105	278	384	0	20	27	47	30	3,278	6,620	9,928
Dodge	0	37	88	125	19	319	807	1,145	0	144	326	470	0	16	37	53	0	16	39	55	0	0	0	0	19	532	1,297	1,848
Door	0	5	8	13	7	133	467	607	1	62	119	182	0	0	0	0	0	2	9	11	0	6	1	7	8	208	604	820
Douglas	0	14	7	21	7	126	243	376	2	192	401	595	0	2	9	11	0	0	0	0	0	0	0	0	9	334	660	1,003
Dunn	0	49	156	205	5	150	534	689	0	86	192	278	0	3	19	22	0	0	4	4	0	0	0	0	5	288	905	1,198
Eau Claire	0	55	157	212	5	130	470	605	4	551	1,051	1,606	0	0	9	9	0	0	0	0	0	1	5	6	9	737	1,692	2,438
Florence	0	0	1	1	6	38	187	231	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	38	188	232
Fond du Lac	1	42	90	133	13	317	889	1,219	0	434	796	1,230	0	22	51	73	0	8	41	49	0	0	0	0	14	823	1,867	2,704
Forest	3	9	17	29	2	31	193	226	0	5	12	17	0	0	0	0	1	1	26	28	0	0	0	0	6	46	248	300
Grant	2	34	39	75	7	177	722	906	0	96	239	335	0	7	29	36	0	0	0	0	0	0	0	0	9	314	1,029	1,352
Green	0	2	2	4	9	146	451	606	0	88	143	231	0	13	45	58	0	0	0	0	0	0	0	0	9	249	641	899
Green Lake	0	14	33	47	1	67	382	450	0	28	86	114	0	0	0	0	0	0	0	0	0	0	0	0	1	109	501	611
Iowa	1	13	41	55	4	131	326	461	0	29	68	97	0	3	10	13	0	0	0	0	0	0	0	0	5	176	445	626
Iron	2	1	9	12	1	27	46	74	0	8	22	30	0	0	0	0	0	0	0	0	0	0	0	0	3	36	77	116
Jackson	3	54	185	242	5	109	428	542	0	22	104	126	0	1	2	3	0	0	0	0	0	0	0	0	8	186	719	913
Jefferson	1	34	85	120	11	250	676	937	1	185	469	655	1	6	12	19	0	2	3	5	0	0	3	3	14	477	1,248	1,739
Juneau	2	53	174	229	9	123	307	439	1	24	97	122	0	3	17	20	0	0	0	0	0	0	0	0	12	203	595	810
Kenosha	0	22	53	75	10	417	643	1,070	3	718	1,193	1,914	1	157	187	345	0	0	2	2	0	2	7	9	14	1,316	2,085	3,415
Kewaunee	0	4	4	8	2	88	81	171	0	16	52	68	0	2	6	8	0	0	0	0	0	0	0	0	2	110	143	255
La Crosse	0	13	53	66	3	148	486	637	1	623	1,373	1,997	0	37	81	118	1	22	45	68	0	0	0	0	5	843	2,038	2,886
Lafayette	0	8	2	10	3	124	258	385	0	15	29	44	0	2	12	14	0	0	0	0	0	0	0	0	3	149	301	453
Langlade	1	11	25	37	8	77	105	190	1	57	88	146	0	0	0	0	0	0	0	0	0	0	0	0	10	145	218	373
Lincoln	0	13	45	58	5	128	386	519	0	90	226	316	0	0	0	0	0	0	0	0	0	0	0	0	5	231	657	893
Manitowoc	0	7	30	37	14	240	590	844	2	359	738	1,099	0	9	16	25	0	0	0	0	0	0	0	0	16	615	1,374	2,005

Continued



## 1999 Crashes by County and Reporting Agency Type by Severity

County	State Patrol				County Sheriff				City Police				Village Police				Town Police				Other				TOTAL			
	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot
Marathon	0	30	66	96	13	390	1,346	1,749	3	502	1,011	1,516	0	55	135	190	0	0	0	0	0	0	0	0	16	977	2,558	3,551
Marinette	0	14	23	37	8	213	379	600	2	93	151	246	0	7	17	24	0	0	2	2	0	0	0	0	10	327	572	909
Marquette	1	30	94	125	0	72	342	414	1	3	15	19	0	1	21	22	0	0	2	2	0	0	0	0	2	106	474	582
Menominee	0	0	1	1	1	11	19	31	0	0	0	0	0	0	0	0	0	0	0	0	4	2	1	7	5	13	21	39
Milwaukee	0	2	5	7	6	1,345	2,970	4,321	36	7,095	11,301	18,432	1	372	673	1,046	0	0	0	0	0	2	7	9	43	8,816	14,956	23,815
Monroe	2	63	184	249	6	180	523	709	0	116	296	412	0	4	4	8	0	0	0	0	0	0	0	0	8	363	1,007	1,378
Oconto	0	20	34	54	9	244	284	537	0	39	82	121	0	2	7	9	0	0	0	0	0	0	0	0	9	305	407	721
Oneida	0	11	16	27	3	102	402	507	1	84	114	199	0	0	0	0	0	63	179	242	0	0	0	0	4	260	711	975
Outagamie	2	20	36	58	16	356	834	1,206	2	464	941	1,407	2	86	161	249	0	286	452	738	0	10	34	44	22	1,222	2,458	3,702
Ozaukee	2	27	76	105	0	126	401	527	2	155	370	527	1	84	156	241	0	0	0	0	0	0	0	0	5	392	1,003	1,400
Pepin	0	2	7	9	0	43	65	108	0	5	20	25	0	3	0	3	0	0	0	0	0	0	0	0	0	53	92	145
Pierce	0	5	1	6	8	131	339	478	1	41	129	171	0	17	47	64	0	0	0	0	0	0	0	0	9	194	516	719
Polk	1	18	32	51	12	186	259	457	0	24	69	93	0	15	55	70	0	0	0	0	0	0	0	0	13	243	415	671
Portage	3	12	48	63	10	255	1,077	1,342	2	213	407	622	1	30	75	106	0	0	1	1	0	0	0	0	16	510	1,608	2,134
Price	1	5	4	10	0	71	111	182	0	20	39	59	0	0	0	0	0	0	0	0	0	0	0	0	1	96	154	251
Racine	0	26	45	71	8	367	591	966	1	883	1,258	2,142	0	46	49	95	3	336	425	764	0	0	0	0	12	1,658	2,368	4,038
Richland	0	5	3	8	2	114	327	443	0	23	75	98	0	0	4	4	0	0	0	0	0	0	1	1	2	142	410	554
Rock	3	78	255	336	12	386	861	1,259	3	797	1,509	2,309	0	8	24	32	2	64	118	184	0	0	0	0	20	1,333	2,767	4,120
Rusk	2	21	25	48	5	74	72	151	0	27	40	67	0	0	1	1	0	0	0	0	0	0	0	0	7	122	138	267
St. Croix	6	58	197	261	7	275	719	1,001	0	101	249	350	1	32	56	89	0	0	0	0	0	0	0	0	14	466	1,221	1,701
Sauk	2	43	103	148	11	286	860	1,157	1	131	356	488	0	89	194	283	0	0	4	4	0	0	0	0	14	549	1,517	2,080
Sawyer	1	8	10	19	2	99	155	256	0	24	40	64	0	0	4	4	0	0	0	0	0	0	0	0	3	131	209	343
Shawano	0	22	82	104	15	228	908	1,151	0	69	116	185	0	6	14	20	0	0	0	0	0	0	0	0	15	325	1,120	1,460
Sheboygan	0	21	50	71	11	336	964	1,311	0	384	923	1,307	0	14	102	116	0	0	0	0	0	0	0	0	11	755	2,039	2,805
Taylor	0	6	6	12	2	99	421	522	0	33	59	92	0	5	18	23	0	0	0	0	0	1	0	1	2	144	504	650
Trempealeau	0	7	22	29	1	126	215	342	0	29	86	115	0	3	16	19	0	0	0	0	0	0	0	0	1	165	339	505
Vernon	0	4	5	9	4	159	330	493	0	35	71	106	0	5	39	44	0	0	1	1	0	0	0	0	4	203	446	653
Vilas	1	7	16	24	2	124	243	369	0	17	38	55	0	0	0	0	0	3	11	14	0	23	27	50	3	174	335	512
Walworth	0	3	8	11	15	265	487	767	2	179	429	610	0	44	118	162	3	117	256	376	0	0	1	1	20	608	1,299	1,927
Washburn	1	25	43	69	1	72	113	186	0	17	43	60	0	7	10	17	0	0	0	0	0	0	0	0	2	121	209	332
Washington	0	19	45	64	13	379	836	1,228	2	206	375	583	3	128	329	460	0	3	1	4	0	0	0	0	18	735	1,586	2,339
Waukesha	0	64	128	192	8	481	1,020	1,509	14	1,211	2,555	3,780	2	366	857	1,225	1	246	501	748	0	0	0	0	25	2,368	5,061	7,454
Waupaca	0	5	11	16	8	220	1,022	1,250	1	131	280	412	0	7	20	27	0	0	0	0	0	0	0	0	9	363	1,333	1,705
Waushara	4	11	15	30	5	136	419	560	0	8	37	45	0	6	25	31	0	2	5	7	0	0	0	0	9	163	501	673
Winnebago	0	31	78	109	7	367	1,043	1,417	1	709	1,214	1,924	0	8	13	21	2	54	116	172	0	1	0	1	10	1,170	2,464	3,644
Wood	0	2	5	7	4	198	229	431	0	312	736	1,048	0	11	24	35	1	21	24	46	0	0	0	0	5	544	1,018	1,567
<b>TOTAL</b>	<b>57</b>	<b>1,503</b>	<b>3,938</b>	<b>5,498</b>	<b>479</b>	<b>14,491</b>	<b>37,877</b>	<b>52,847</b>	<b>103</b>	<b>21,715</b>	<b>39,483</b>	<b>61,301</b>	<b>16</b>	<b>2,131</b>	<b>4,741</b>	<b>6,888</b>	<b>15</b>	<b>1,423</b>	<b>2,735</b>	<b>4,173</b>	<b>4</b>	<b>82</b>	<b>157</b>	<b>243</b>	<b>674</b>	<b>41,345</b>	<b>88,931</b>	<b>130,950</b>

Ftl = Fatal Crashes      Inj = Injury Crashes      PD = Property Damage Crashes      Tot = Total Crashes

## 1999 Crashes with Citations Issued by County and Highway Class

County	Local Street/Road		County Highway		State Highway		Interstate	
	Total Crashes	Crashes with Citation	Total Crashes	Crashes with Citation	Total Crashes	Crashes with Citation	Total Crashes	Crashes with Citation
Adams	281	63	208	37	334	60	0	0
Ashland	142	58	23	5	120	34	0	0
Barron	550	330	107	44	335	135	0	0
Bayfield	81	27	50	9	168	32	0	0
Brown	2,219	1,425	385	149	1,659	970	121	39
Buffalo	91	32	60	28	168	50	0	0
Burnett	105	33	49	18	108	40	0	0
Calumet	276	109	108	35	348	110	0	0
Chippewa	537	226	238	92	620	210	0	0
Clark	321	85	243	36	379	53	0	0
Columbia	474	134	349	86	838	202	238	72
Crawford	170	87	31	15	278	124	0	0
Dane	6,216	4,116	858	274	2,302	1,114	552	183
Dodge	623	316	446	158	779	328	0	0
Door	320	115	178	52	322	104	0	0
Douglas	462	178	108	25	426	119	7	2
Dunn	314	162	233	78	459	177	192	53
Eau Claire	1,299	749	240	68	689	323	210	50
Florence	40	8	60	7	132	15	0	0
Fond du Lac	1,110	640	387	107	1,207	569	0	0
Forest	74	22	46	4	180	24	0	0
Grant	497	208	242	60	613	235	0	0
Green	375	142	193	44	331	97	0	0
Green Lake	147	48	211	43	253	48	0	0
Iowa	143	31	125	24	358	63	0	0
Iron	26	9	13	4	77	26	0	0
Jackson	214	59	152	21	292	55	255	54
Jefferson	531	264	312	84	695	317	201	49
Juneau	185	83	124	46	298	112	203	72
Kenosha	1,716	1,110	459	230	1,102	741	138	55
Kewaunee	113	53	74	38	68	27	0	0
La Crosse	1,497	1,114	289	94	993	597	107	22
Lafayette	144	17	114	21	195	26	0	0
Langlade	117	54	63	24	193	99	0	0
Lincoln	316	137	161	27	416	87	0	0
Manitowoc	951	567	269	103	627	370	158	34

*Continued*

## 1999 Crashes with Citations Issued by County and Highway Class

County	Local Street/Road		County Highway		State Highway		Interstate	
	Total Crashes	Crashes with Citation	Total Crashes	Crashes with Citation	Total Crashes	Crashes with Citation	Total Crashes	Crashes with Citation
Marathon	1,396	713	715	193	1,319	585	121	24
Marinette	362	155	170	69	377	165	0	0
Marquette	112	25	213	42	165	29	92	21
Menominee	5	2	6	4	28	15	0	0
Milwaukee	16,859	8,811	0	0	3,523	2,324	3,433	2,262
Monroe	383	113	165	39	579	167	251	60
Oconto	230	92	156	51	335	90	0	0
Oneida	323	80	129	31	523	102	0	0
Outagamie	1,623	941	641	213	1,438	633	0	0
Ozaukee	627	320	180	47	410	225	183	42
Pepin	38	20	49	21	58	15	0	0
Pierce	255	79	103	27	361	89	0	0
Polk	273	103	121	56	277	92	0	0
Portage	645	254	451	75	836	290	202	31
Price	63	33	37	12	151	53	0	0
Racine	1,974	1,355	325	205	1,554	1,098	185	95
Richland	124	18	121	24	309	71	0	0
Rock	2,124	1,265	360	150	1,282	789	354	120
Rusk	107	44	51	15	109	43	0	0
St. Croix	499	182	335	83	599	172	268	75
Sauk	668	205	279	42	1,000	316	133	39
Sawyer	128	33	88	29	127	42	0	0
Shawano	476	151	333	72	651	152	0	0
Sheboygan	1,458	899	451	197	724	334	172	60
Taylor	186	40	216	30	248	31	0	0
Trempealeau	181	80	90	45	213	101	21	10
Vernon	172	46	112	17	369	56	0	0
Vilas	150	62	96	28	266	66	0	0
Walworth	774	312	304	121	753	272	96	15
Washburn	91	30	47	20	194	52	0	0
Washington	920	388	282	90	1,137	412	0	0
Waukesha	3,833	1,927	584	217	2,409	1,265	628	230
Waupaca	596	221	397	51	712	108	0	0
Waushara	160	56	187	45	261	79	65	12
Winnebago	1,682	755	369	150	1,593	633	0	0
Wood	743	395	162	79	662	376	0	0
TOTAL	62,917	33,016	15,533	4,780	43,914	19,035	8,586	3,781

Note: The column "Crashes with Citation" counts crashes where at least one citation was issued to at least one driver. Some crashes may have had more than one citation issued.

## 1999 Crash and Citation Summary by County

County	Crashes		Citations						Total Citations Adjudicated
	Total	Total with Citation	Hazardous				Non - hazardous		
			Speeding	OWI	Equipment	Other	Total	Total	
Adams	823	160	1,195	212	5	131	1,543	686	2,229
Ashland	285	97	652	108	14	123	897	879	1,776
Barron	992	509	1,646	175	19	626	2,466	1,918	4,384
Bayfield	299	68	910	124	13	138	1,185	1,212	2,397
Brown	4,384	2,583	7,621	1,393	126	3,117	12,257	8,601	20,858
Buffalo	319	110	794	92	7	104	997	396	1,393
Burnett	262	91	516	155	7	86	764	519	1,283
Calumet	732	254	1,014	164	9	282	1,469	944	2,413
Chippewa	1,395	528	2,997	390	16	668	4,071	2,122	6,193
Clark	943	174	1,982	228	7	215	2,432	1,010	3,442
Columbia	1,899	494	4,532	471	74	662	5,739	2,863	8,602
Crawford	479	226	777	52	4	182	1,015	897	1,912
Dane	9,928	5,687	24,812	2,659	233	8,923	36,627	17,092	53,719
Dodge	1,848	802	3,963	479	47	984	5,473	3,445	8,918
Door	820	271	1,772	190	36	329	2,327	1,118	3,445
Douglas	1,003	324	970	363	10	289	1,632	1,381	3,013
Dunn	1,198	470	2,986	344	16	552	3,898	1,932	5,830
Eau Claire	2,438	1,190	5,215	842	18	1,580	7,655	4,765	12,420
Florence	232	30	117	37	3	20	177	67	244
Fond du Lac	2,704	1,316	6,405	547	42	1,244	8,238	4,708	12,946
Forest	300	50	522	88	2	40	652	353	1,005
Grant	1,352	503	2,084	335	21	522	2,962	2,257	5,219
Green	899	283	1,957	244	16	393	2,610	1,279	3,889
Green Lake	611	139	1,240	193	50	161	1,644	960	2,604
Iowa	626	118	1,907	135	17	231	2,290	904	3,194
Iron	116	39	145	45	7	33	230	167	397
Jackson	913	189	1,100	178	24	171	1,473	973	2,446
Jefferson	1,739	714	6,427	535	94	1,112	8,168	4,178	12,346
Juneau	810	313	2,140	248	25	278	2,691	1,845	4,536
Kenosha	3,415	2,136	7,792	891	219	2,791	11,693	8,188	19,881
Kewaunee	255	118	799	124	11	120	1,054	583	1,637
La Crosse	2,886	1,827	4,522	797	63	1,991	7,373	5,678	13,051
Lafayette	453	64	705	80	3	129	917	402	1,319
Langlade	373	177	1,081	155	10	204	1,450	658	2,108
Lincoln	893	251	1,215	161	7	258	1,641	1,083	2,724
Manitowoc	2,005	1,074	4,012	635	91	1,143	5,881	3,452	9,333

Continued

## 1999 Crash and Citation Summary by County

County	Crashes		Citations						Total Citations Adjudicated
	Total	Total with Citation	Hazardous				Non - hazardous		
			Speeding	OWI	Equipment	Other	Total	Total	
Marathon	3,551	1,515	6,158	673	48	1,908	8,787	4,540	13,327
Marinette	909	389	1,994	456	28	491	2,969	1,724	4,693
Marquette	582	117	1,726	154	9	134	2,023	820	2,843
Menominee	39	21	180	20	3	33	236	220	456
Milwaukee	23,815	13,397	55,925	3,633	6,213	30,963	96,734	98,926	195,660
Monroe	1,378	379	2,567	264	34	403	3,268	1,891	5,159
Oconto	721	233	1,965	163	8	241	2,377	1,283	3,660
Oneida	975	213	1,212	368	16	229	1,825	1,125	2,950
Outagamie	3,702	1,787	5,980	1,243	61	2,631	9,915	7,683	17,598
Ozaukee	1,400	634	4,525	501	130	932	6,088	4,192	10,280
Pepin	145	56	546	44	2	77	669	312	981
Pierce	719	195	751	214	14	218	1,197	823	2,020
Polk	671	251	1,269	400	22	249	1,940	1,066	3,006
Portage	2,134	650	3,483	513	15	647	4,658	2,032	6,690
Price	251	98	793	111	19	175	1,098	814	1,912
Racine	4,038	2,753	9,040	1,053	269	3,939	14,301	12,607	26,908
Richland	554	113	894	92	7	124	1,117	685	1,802
Rock	4,120	2,324	6,850	1,309	88	2,553	10,800	9,480	20,280
Rusk	267	102	361	110	8	132	611	633	1,244
St. Croix	1,701	512	4,430	431	58	711	5,630	3,201	8,831
Sauk	2,080	602	2,076	676	37	584	3,373	2,429	5,802
Sawyer	343	104	375	168	9	101	653	850	1,503
Shawano	1,460	375	2,765	347	13	400	3,525	2,286	5,811
Sheboygan	2,805	1,490	4,340	977	48	1,694	7,059	5,943	13,002
Taylor	650	101	569	109	7	129	814	357	1,171
Trempealeau	505	236	1,514	239	14	266	2,033	1,059	3,092
Vernon	653	119	584	127	7	146	864	591	1,455
Vilas	512	156	758	280	9	122	1,169	580	1,749
Walworth	1,927	720	6,279	916	75	1,169	8,439	3,491	11,930
Washburn	332	102	672	101	3	133	909	635	1,544
Washington	2,339	890	5,188	679	195	1,169	7,231	5,003	12,234
Waukesha	7,454	3,639	22,474	2,269	882	5,732	31,357	22,937	54,294
Waupaca	1,705	380	2,255	433	9	352	3,049	1,739	4,788
Waushara	673	192	2,720	166	13	271	3,170	1,085	4,255
Winnebago	3,644	1,538	4,738	1,294	53	1,968	8,053	5,947	14,000
Wood	1,567	850	2,543	519	42	996	4,100	3,554	7,654
<b>TOTAL</b>	<b>130,950</b>	<b>60,612</b>	<b>279,023</b>	<b>34,921</b>	<b>9,834</b>	<b>91,854</b>	<b>415,632</b>	<b>302,058</b>	<b>717,690</b>

Note: This report is from the Citation file and represents only the citations that have been adjudicated. However, it does not take into account the outcome of the adjudication. It represents 1999 citations that had been adjudicated as of July 12, 2000 (July 17, 2000 for OWI citations). Hazardous citations are classified as citations issued in circumstances where the driver or vehicle condition has increased the risk of a crash. "Other" hazardous citations include Failure to Yield Right of Way, Inattentive Driving, etc. Nonhazardous citations include non or expired registration, no license plates, etc. An OWI arrest often results in two citations being issued (one for operating under the influence of an intoxicant and one for having a prohibited alcohol concentration). This table counts only one OWI citation per arrest.

## 1999 Traffic Controls for All Vehicles by Crash Severity

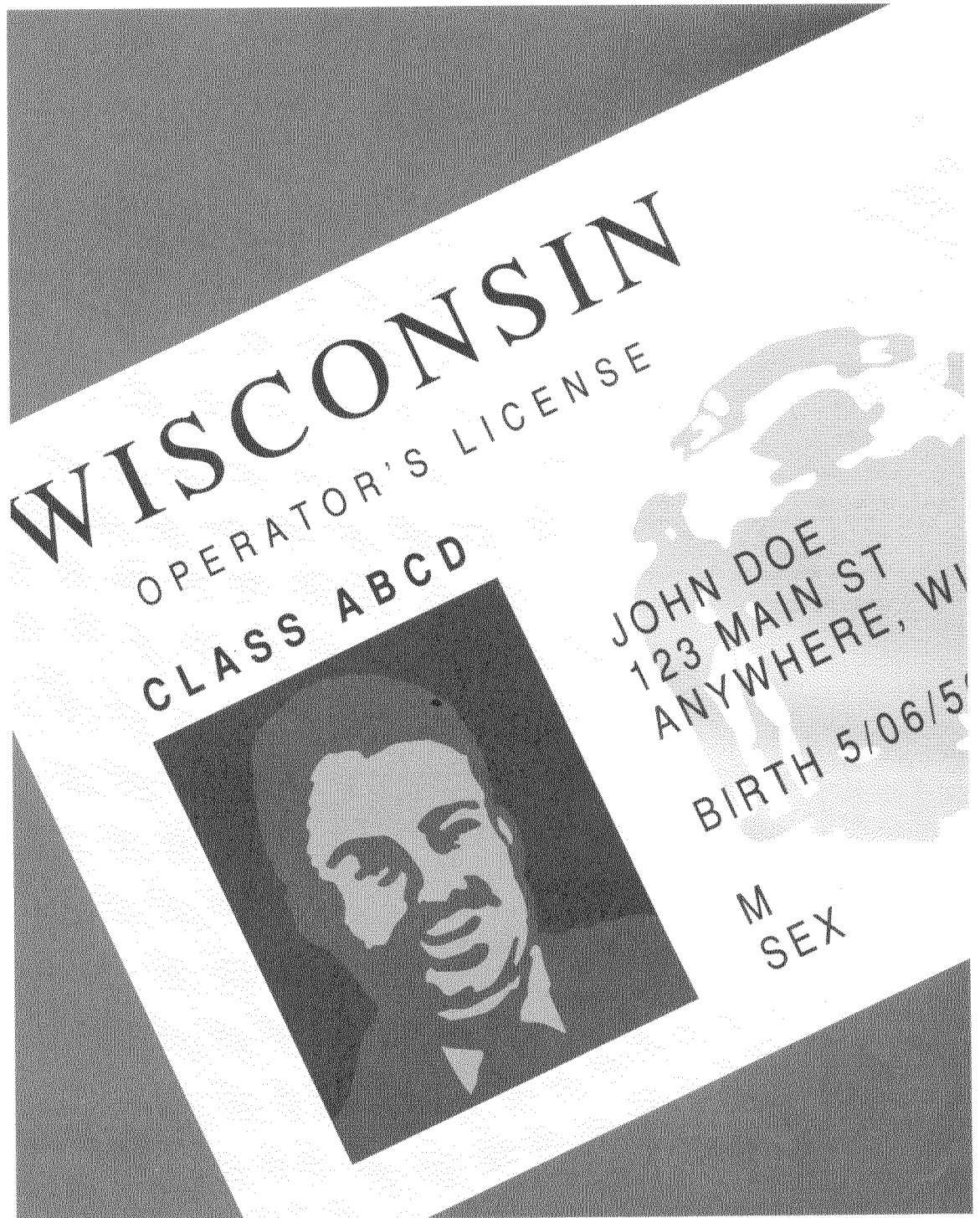
Traffic Controls	Crash Severity			Total Traffic Controls
	Fatal	Injury	Property Damage	
No control	842	47,844	86,333	135,019
Traffic signal operating	46	15,454	20,084	35,584
Stop sign	118	8,012	12,508	20,638
Yield sign	5	875	1,495	2,375
Warning	29	797	834	1,660
Traffic signal flashing	1	714	864	1,579
Traffic control person	4	131	193	328
Stop sign w/flasher	5	103	174	282
RR xing signal	4	98	153	255
Warning sign w/flasher	1	54	81	136
Other	6	418	837	1,261
Unknown	8	979	20,094	21,081
<b>TOTAL</b>	<b>1,069</b>	<b>75,479</b>	<b>143,650</b>	<b>220,198</b>

## 1999 Most Harmful Event for All Vehicles by Crash Severity and Urban/Rural Location

Collision of a motor vehicle with:	Fatal Crashes			Injury Crashes			Property Damage Crashes			Total Crashes		
	Rur	Urb	Tot	Rur	Urb	Tot	Rur	Urb	Tot	Rur	Urb	Tot
Motor vehicle in transport	531	121	652	16,922	40,869	57,791	25,818	67,788	93,606	43,271	108,778	152,049
Deer	7	0	7	605	44	649	19,142	1,320	20,462	19,754	1,364	21,118
Fixed object	138	30	168	5,018	2,047	7,065	8,632	5,206	13,838	13,788	7,283	21,071
Parked motor vehicle	7	5	12	285	868	1,153	1,627	5,810	7,437	1,919	6,683	8,602
Overturn	106	12	118	2,813	257	3,070	2,122	158	2,280	5,041	427	5,468
Other non-collision	9	2	11	431	420	851	547	396	943	987	818	1,805
Pedestrian	28	18	46	215	1,068	1,283	2	20	22	245	1,106	1,351
Bicycle	10	8	18	196	1,036	1,232	2	42	44	208	1,086	1,294
Other object - not fixed	2	0	2	176	104	280	513	357	870	691	461	1,152
Motor vehicle in transport in other roadway	7	1	8	129	146	275	216	243	459	352	390	742
Fire/explosion	3	0	3	19	9	28	498	168	666	520	177	697
Other animal	0	0	0	101	3	104	384	13	397	485	16	501
Jackknife	0	0	0	12	5	17	130	26	156	142	31	173
Train	2	3	5	22	15	37	29	26	55	53	44	97
Immersion	1	0	1	10	1	11	24	2	26	35	3	38
Unknown	14	4	18	726	907	1,633	1,127	1,262	2,389	1,867	2,173	4,040
<b>TOTAL</b>	<b>865</b>	<b>204</b>	<b>1,069</b>	<b>27,680</b>	<b>47,799</b>	<b>75,479</b>	<b>60,813</b>	<b>82,837</b>	<b>143,650</b>	<b>89,358</b>	<b>130,840</b>	<b>220,198</b>

Most harmful event = The event that produces the greatest injury or damage to the vehicle in the crash.

# III. DRIVER DATA



This section includes correlations of driver factors and crashes, including:

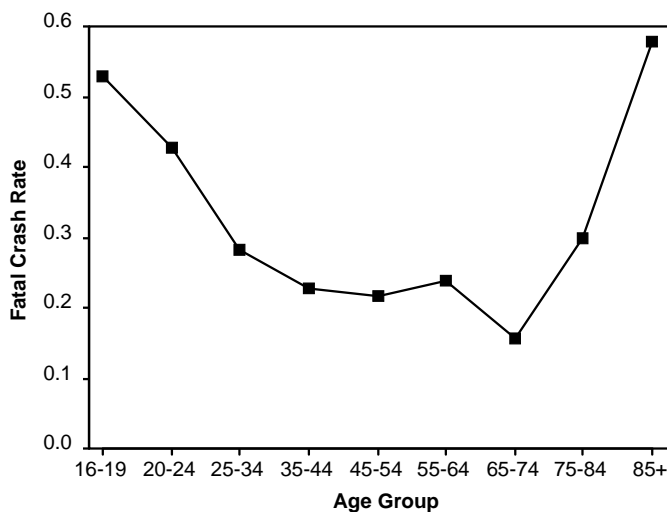
- Driver Age
- Driver Factors
- In-State and Out-of-State Drivers
- Possible Contributing Circumstances
- Safety Responsibility and Crashes
- What Drivers Were Doing

## 1999 Drivers in Crashes by Age Group

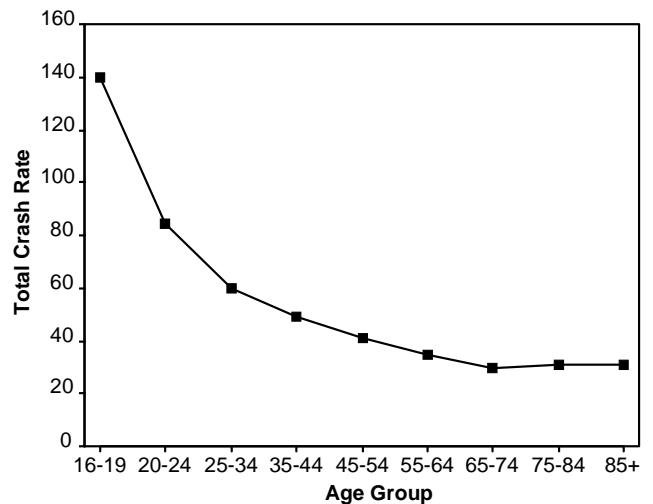
Age of Driver	Licensed Drivers	Percent of Total Drivers	Percent of Total Drivers in Crashes	Percent of Drivers in Age Group Involved in Crashes	Number of Drivers in Age Group Involved in Crashes*	Drivers in Fatal Crashes	Drivers in Injury Crashes	Drivers in Property Damage Crashes
14 & under	0	0.0%	0.1%		193	1	87	105
15	0	0.0%	0.2%		361	3	143	215
16	44,818	1.2%	3.8%	18.6%	8,345	28	3,090	5,227
17	60,547	1.6%	3.9%	14.3%	8,640	22	3,128	5,490
18	65,088	1.7%	3.9%	13.3%	8,642	43	3,158	5,441
19	65,346	1.8%	3.4%	11.3%	7,388	32	2,747	4,609
20	66,936	1.8%	2.9%	9.6%	6,455	23	2,432	4,000
21	65,129	1.7%	2.7%	9.2%	5,973	36	2,246	3,691
22	66,990	1.8%	2.4%	7.9%	5,318	30	1,944	3,344
23	59,848	1.6%	2.2%	8.1%	4,859	29	1,765	3,065
24	62,664	1.7%	2.1%	7.2%	4,531	19	1,626	2,886
25-34	686,667	18.4%	18.7%	6.0%	40,876	193	14,565	26,118
35-44	832,240	22.3%	18.6%	4.9%	40,681	189	14,078	26,414
45-54	689,716	18.5%	12.8%	4.1%	28,088	149	9,454	18,485
55-64	426,472	11.4%	6.8%	3.5%	14,774	102	4,927	9,745
65-74	314,489	8.4%	4.2%	3.0%	9,281	49	3,226	6,006
75-84	188,054	5.0%	2.7%	3.1%	5,818	56	2,110	3,652
85 & over	38,118	1.0%	0.5%	3.1%	1,172	22	428	722
Unknown	0	0.0%	8.0%		17,458	24	3,048	14,386
<b>TOTAL</b>	<b>3,733,077</b>	<b>100.0%</b>	<b>100.0%</b>	<b>N/A</b>	<b>218,853</b>	<b>1,050</b>	<b>74,202</b>	<b>143,601</b>

\*This is the number of times a driver in this age group was involved in a crash. If a driver had more than one crash, the driver would be counted more than once.

### 1999 Fatal Crash Rates by Age Group



### 1999 Total Crash Rates by Age Group



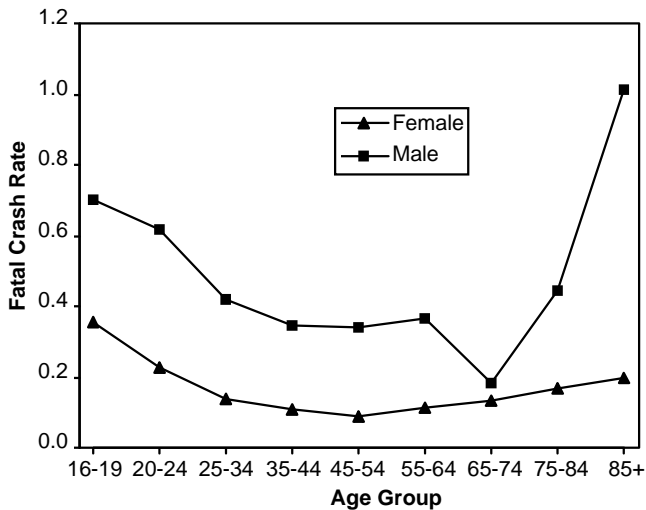


## 1999 Drivers in Crashes by Age and Crash Severity by Sex

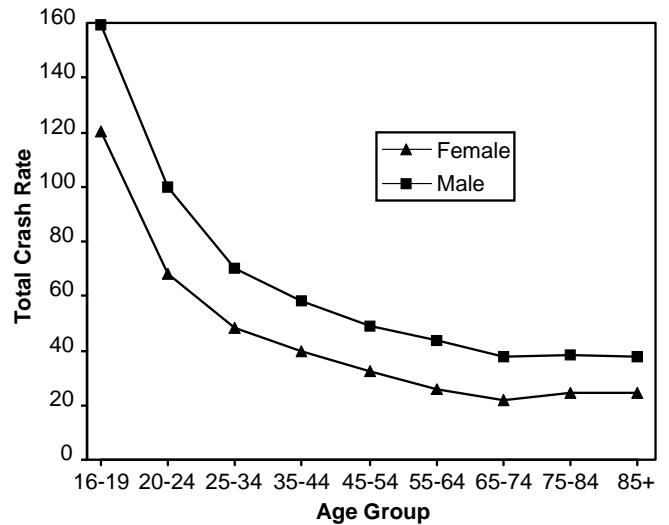
Age	Licensed Drivers		Drivers in Fatal Crashes		Drivers in Injury Crashes		Drivers in Property Damage Crashes		Drivers in Total Crashes	
	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male
14 & under	0	0	0	1	23	64	34	71	57	136
15	0	0	0	3	57	86	97	118	154	207
16	22,201	22,617	7	21	1,556	1,534	2,222	3,005	3,785	4,560
17	29,745	30,802	11	11	1,506	1,622	2,244	3,246	3,761	4,879
18	31,905	33,183	14	29	1,342	1,816	2,100	3,341	3,456	5,186
19	32,141	33,205	9	23	1,125	1,622	1,817	2,792	2,951	4,437
20	32,632	34,304	11	12	1,008	1,424	1,537	2,463	2,556	3,899
21	31,984	33,145	9	27	930	1,316	1,454	2,237	2,393	3,580
22	33,113	33,877	5	25	820	1,123	1,299	2,045	2,124	3,193
23	29,489	30,359	8	21	741	1,024	1,160	1,905	1,909	2,950
24	30,710	31,954	3	16	711	915	1,066	1,820	1,780	2,751
25-34	337,953	348,714	47	146	6,286	8,279	10,013	16,104	16,346	24,529
35-44	413,893	418,347	45	144	6,024	8,054	10,342	16,072	16,411	24,270
45-54	339,468	350,248	30	119	3,868	5,586	7,004	11,481	10,902	17,186
55-64	212,326	214,146	24	78	1,960	2,967	3,496	6,249	5,480	9,294
65-74	159,389	155,100	21	28	1,317	1,909	2,105	3,901	3,443	5,838
75-84	100,202	87,852	17	39	899	1,211	1,542	2,110	2,458	3,360
85 & over	20,312	17,806	4	18	189	239	310	412	503	669
Unknown	0	0	0	4	103	502	265	1,336	368	1,842
<b>TOTAL</b>	<b>1,857,463</b>	<b>1,875,659</b>	<b>265</b>	<b>765</b>	<b>30,465</b>	<b>41,293</b>	<b>50,107</b>	<b>80,708</b>	<b>80,837</b>	<b>122,766</b>

Note: This table does not include drivers in crashes for whom the sex was unknown.

### 1999 Fatal Crash Rates by Age Group and Sex



### 1999 Total Crash Rates by Age Group and Sex



Crash rate = Drivers in crashes per 1,000 licensed drivers.

## 1999 Driver Conditions by Age and Driver Factor

Age of Driver	No Alcohol or Drugs Used				Use of Alcohol*				Use of Drugs				Use of Alcohol* and Drugs			
	Norm	RA	AI	Total	Norm	RA	AI	Total	Norm	RA	AI	Total	Norm	RA	AI	Total
5-9	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0
10-14	103	2	0	105	1	2	3	6	0	0	0	0	0	0	0	0
15	231	2	0	233	1	3	7	11	1	1	0	2	0	0	0	0
16	6,108	49	5	6,162	8	15	37	60	2	0	3	5	0	0	0	0
17	6,068	44	5	6,117	14	35	95	144	7	2	2	11	0	1	5	6
18	5,878	53	4	5,935	24	48	171	243	4	1	4	9	0	0	3	3
19	4,871	52	5	4,928	20	56	205	281	2	3	4	9	0	2	6	8
20	4,207	34	5	4,246	30	57	223	310	1	1	2	4	0	2	1	3
21	3,798	35	4	3,837	59	82	286	427	1	1	2	4	0	0	3	3
22	3,338	34	7	3,379	58	69	230	357	0	2	4	6	1	0	6	7
23	3,070	27	7	3,104	42	54	202	298	0	1	1	2	0	0	5	5
24	2,946	28	7	2,981	38	51	187	276	0	0	3	3	0	0	2	2
25-34	26,288	175	48	26,511	315	308	1,490	2,113	7	6	13	26	1	1	44	46
35-44	26,058	148	75	26,281	230	252	1,359	1,841	17	15	14	46	1	0	28	29
45-54	18,400	124	49	18,573	95	87	609	791	13	7	10	30	0	4	15	19
55-64	9,783	82	23	9,888	33	33	207	273	12	5	6	23	0	0	1	1
65-74	6,360	87	29	6,476	28	18	66	112	3	2	2	7	0	0	0	0
75-84	4,128	137	27	4,292	7	11	26	44	3	2	1	6	1	0	1	2
85 & over	816	57	20	893	0	0	1	1	2	0	0	2	0	0	0	0
Unknown	84	0	1	85	0	0	3	3	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>132,540</b>	<b>1,170</b>	<b>321</b>	<b>134,031</b>	<b>1,003</b>	<b>1,181</b>	<b>5,407</b>	<b>7,591</b>	<b>75</b>	<b>49</b>	<b>71</b>	<b>195</b>	<b>4</b>	<b>10</b>	<b>120</b>	<b>134</b>

Norm = Normal RA = Reduced Alertness AI = Ability Impaired

\*This report counts only the driver conditions where the officer noted that the driver factor was observed and where the presence of alcohol of alcohol and drugs was noted. For the total number of drivers noted as "Had Been Drinking" see the tables on pages 84 and 85.

## 1999 Drug Use Reported on the Accident Report

Type of Drug	Crash Severity			TOTAL
	Fatal	Injury	Prop. Damage	
Marijuana	8	23	45	76
Cocaine	4	7	9	20
PCP	0	2	6	8
Amphetamines	0	2	2	4
Opiates	1	3	0	4
Other drug medications	2	82	60	144
<b>TOTAL</b>	<b>15</b>	<b>119</b>	<b>122</b>	<b>256</b>

Note: This table counts drugs noted on the crash report, not drivers. A driver may have used more than one drug. The "Other Drug Medications" may include prescription or "over-the-counter" drugs.

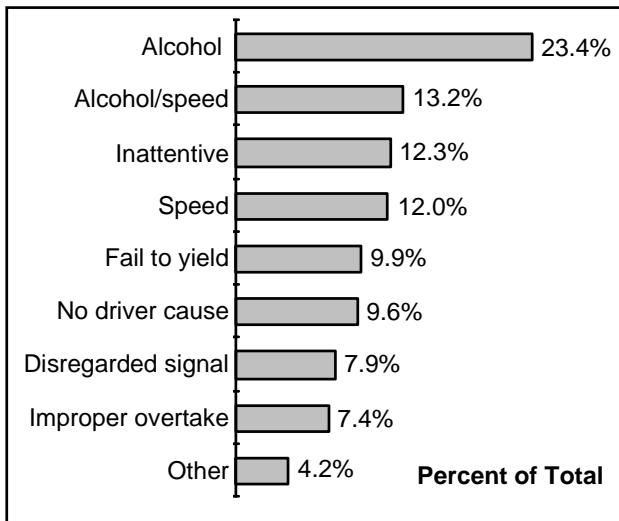
## 1999 Drivers by What Drivers Were Doing at the Time of the Crash by Crash Severity

What Drivers Were Doing	Crash Severity			TOTAL
	Fatal	Injury	Property Damage	
Going straight	711	41,164	61,940	103,815
Left turn	73	8,222	13,398	21,693
Slow/stopping	8	6,370	9,939	16,317
Stop in traffic	22	7,313	8,163	15,498
Legally parked	16	1,567	7,813	9,396
Right turn	8	2,103	6,111	8,222
Negotiating curve	134	3,235	4,336	7,705
Backing	4	460	3,834	4,298
Changing lanes	13	892	2,689	3,594
Overtake left	21	431	977	1,429
Merging	3	329	1,017	1,349
U-turn	7	258	524	789
Overtake right	2	161	532	695
Illegally parked	4	114	384	502
Parking maneuver	0	66	430	496
Violating no passing zone	5	45	64	114
Turn on red	0	17	22	39
Other	13	626	1,639	2,278
Unknown	6	829	19,789	20,624
<b>TOTAL</b>	<b>1,050</b>	<b>74,202</b>	<b>143,601</b>	<b>218,853</b>

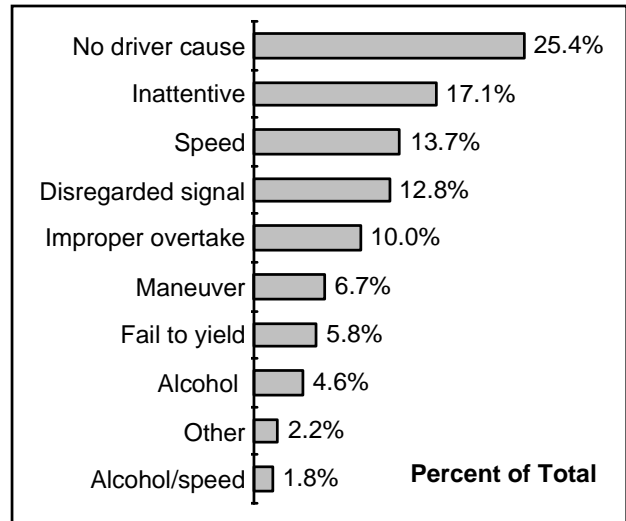
Note: This report does not count what pedestrians or bicyclists were doing.

## 1999 Primary Driver Contributing Factors in Crashes

### Fatal Crashes



### Total Crashes



## 1998 Safety Responsibility Program Results\*

**THE WISCONSIN SAFETY RESPONSIBILITY LAW** requires all motorists involved in reportable crashes to submit evidence to the Division of Motor Vehicles of their financial ability to pay for damages they caused in the crash. A crash is reportable if there is injury or death, if there is \$200 or more damage to government property (except a government owned vehicle), or if there is \$1,000 or more damage to any one person's property (including government owned vehicles). In 1998, there were 9,633 claims made against 12,133 uninsured drivers and/or owners exceeding \$34 million in damages.

### 1998 Safety Responsibility (SR) Claims by Type of Claim and Amounts

Claim Type	Total Claims	Total Amount
Fatalities	61	\$1,471,925
Personal Injuries	1,662	\$6,573,877
Property Damage	560	\$1,541,651
Vehicle Damage	7,350	\$24,864,606
TOTAL	9,633	\$34,452,059

A claim is verification of damages or injuries filed against an uninsured negligent driver and/or vehicle owner resulting from a crash. The claim amount includes estimated court costs.

### 1998 Motorists Subject to Safety Responsibility (SR) Law

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12,133	Notices of Revocation were sent to the drivers and owners of 9,313 vehicles in 1998. In many of the crashes, the drivers and owners were different persons.
4,434	(38%) responded to the Notice of Revocation by settling the claims prior to revocation.
296	Posted the required security deposit.

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7,699	Drivers and owners failed to comply with the requirements given on the Notice of Revocation and their operating and registration privileges were revoked.
2,611	Revoked motorists complied with the Safety Responsibility requirements after the Revocation Orders were entered.
4,412	Motorists accepted the one year revocation of privileges.
658	Drivers and owners were still under revocation as of May 22, 2000.

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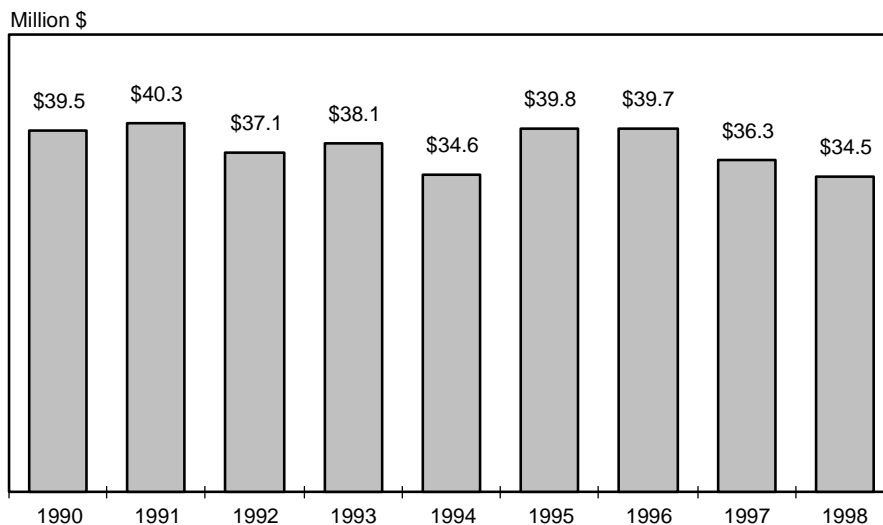
Out of 206,563 vehicles involved in reportable crashes in 1998, only 2% were uninsured, failed to pay for the damages and accepted a one year revocation of privileges.

\* 1998 is the latest year that SR program results are available.

## 1998 Drivers Subject to Safety Responsibility (SR) Law by Age

Age of Drivers	Total Licensed Drivers	Total Drivers in Crashes	Drivers Subject to SR Law	Percent Total Drivers in Crashes	Percent Drivers Subject to SR Law
14 & under	0	172	22	0.1%	0.3%
15	0	292	31	0.1%	0.4%
16	44,251	7,875	222	3.7%	2.8%
17	59,399	8,373	304	4.0%	3.8%
18	65,013	8,338	455	3.9%	5.7%
19	63,312	6,977	467	3.3%	5.8%
20	62,819	5,972	396	2.8%	4.9%
21	64,467	5,541	375	2.6%	4.7%
22	63,238	5,046	393	2.4%	4.9%
23	60,150	4,698	338	2.2%	4.2%
24	63,028	4,397	307	2.1%	3.8%
25-34	705,878	41,423	2,235	19.6%	27.8%
35-44	837,395	39,659	1,487	18.7%	18.5%
45-54	665,560	26,136	627	12.3%	7.8%
55-64	417,343	13,910	205	6.6%	2.5%
65-74	317,395	9,379	112	4.4%	1.4%
75-84	184,677	5,856	59	2.8%	0.7%
85 & over	36,032	1,032	8	0.5%	0.1%
Unknown	0	16,749	4	7.9%	0.0%
<b>TOTAL</b>	<b>3,709,957</b>	<b>211,825</b>	<b>8,047</b>	<b>100.0%</b>	<b>100.0%</b>

## Total Safety Responsibility Claim Amounts



## 1999 Driver Possible Contributing Circumstances (PCCs) by Crash Severity and Urban/Rural Location

Driver PCCs	Crash Severity									Total Driver PCCs		
	Fatal			Injury			Property Damage					
	Rur	Urb	Tot	Rur	Urb	Tot	Rur	Urb	Tot	Rur	Urb	Tot
Inattentive driving	119	16	135	4,644	5,660	10,304	5,872	8,879	14,751	10,635	14,555	25,190
Fail to yield right-of-way	108	25	133	3,090	7,213	10,303	3,805	10,666	14,471	7,003	17,904	24,907
Failure to have control	202	33	235	5,156	2,978	8,134	6,696	5,893	12,589	12,054	8,904	20,958
Speed too fast/conditions	88	13	101	3,799	2,153	5,952	5,919	4,022	9,941	9,806	6,188	15,994
Following too close	3	0	3	1,087	3,075	4,162	1,615	4,506	6,121	2,705	7,581	10,286
Driver condition	137	14	151	2,501	1,518	4,019	1,719	1,806	3,525	4,357	3,338	7,695
Disregarded traffic control	40	9	49	593	2,584	3,177	507	2,625	3,132	1,140	5,218	6,358
Improper turn	8	7	15	323	615	938	842	2,368	3,210	1,173	2,990	4,163
Unsafe backing	2	0	2	115	212	327	1,149	2,051	3,200	1,266	2,263	3,529
Exceeding speed limit	76	20	96	825	901	1,726	622	939	1,561	1,523	1,860	3,383
Left of center	81	4	85	771	241	1,012	728	377	1,105	1,580	622	2,202
Improper overtaking	14	2	16	320	240	560	694	800	1,494	1,028	1,042	2,070
Physically disabled	1	1	2	51	45	96	47	54	101	99	100	199
Other	26	12	38	665	1,360	2,025	1,167	2,994	4,161	1,858	4,366	6,224
<b>TOTAL</b>	<b>905</b>	<b>156</b>	<b>1,061</b>	<b>23,940</b>	<b>28,795</b>	<b>52,735</b>	<b>31,382</b>	<b>47,980</b>	<b>79,362</b>	<b>56,227</b>	<b>76,931</b>	<b>133,158</b>

Note: The numbers in this table represent the number of times a given driver PCC was cited as a possible contributing circumstance in a crash. They do not represent numbers of crashes. 97,285 of the 130,950 total crashes (74%) had driver PCCs cited for a driver in the crash. 601 of the 674 fatal crashes (89%) and 36,514 of the 41,345 injury crashes (88%) had driver PCCs cited.

## 1999 In-State and Out-of-State Drivers in Wisconsin Crashes by Month

Month	Driver License State of Issue						Total Drivers
	Wisconsin		Out-of-State		Unknown/No License		
	Killed Drivers	All Other Drivers	Killed Drivers	All Other Drivers	Killed Drivers	All Other Drivers	
January	25	19,962	2	1,335	0	2,224	23,548
February	21	12,154	0	664	0	1,252	14,091
March	28	13,090	2	650	0	1,477	15,247
April	38	12,083	0	600	0	1,354	14,075
May	39	15,174	4	1,020	0	1,512	17,749
June	34	15,433	2	1,072	2	1,549	18,092
July	44	15,377	5	1,321	0	1,714	18,461
August	37	14,560	6	1,133	0	1,545	17,281
September	47	15,409	11	928	0	1,450	17,845
October	43	17,125	8	925	1	1,668	19,770
November	36	17,783	3	967	1	1,461	20,251
December	54	19,588	2	1,062	0	1,737	22,443
<b>TOTAL</b>	<b>446</b>	<b>187,738</b>	<b>45</b>	<b>11,677</b>	<b>4</b>	<b>18,943</b>	<b>218,853</b>

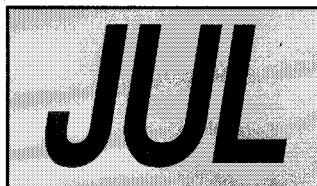
# IV. VEHICLE DATA

## WISCONSIN

# ABC

This section contains vehicle and crash information, including:

- Bicycle Crashes
- Damage to Vehicle
- Highway Class and Vehicle Crashes
- Motorcycle Crashes
- Pedestrian Information
- Plate Types and Crashes
- School Bus Crashes
- Trailer Crashes
- Vehicle Types and Crashes

The logo consists of the letters "JUL" in a bold, italicized, sans-serif font, enclosed within a rectangular border.

*America's Data*

## 1999 Units Involved in Crashes by Vehicle Type and Crash Severity

Type of Vehicle	Crash Severity			TOTAL	Percent of Total
	Fatal	Injury	Property Damage		
Passenger car	664	57,721	106,399	164,784	74.8
Utility truck	206	10,388	24,107	34,701	15.8
Straight truck (insert truck)	40	1,403	3,438	4,881	2.2
Truck tractor (semi attached)	50	1,121	3,401	4,572	2.1
Motorcycle	63	1,763	244	2,070	0.9
Bicycle	19	1,277	54	1,350	0.6
Pupil transportation-school bus	3	278	565	846	0.4
Passenger bus	1	171	291	463	0.2
Farm tractor/self-propelled	9	96	151	256	0.1
Snow plow	0	45	197	242	0.1
Other working machine	0	57	103	160	0.1
Police on emergency	0	56	79	135	0.1
Motor home	2	29	96	127	0.1
Truck tractor (not attached)	0	33	70	103	0.0
Railway train	5	31	61	97	0.0
Snowmobile/ATV	2	39	26	67	0.0
Moped	1	61	1	63	0.0
Miscellaneous	0	21	16	37	0.0
Truck tractor (double bottom)	0	6	16	22	0.0
Fire truck on emergency	0	5	9	14	0.0
Fire fighter on emergency	0	2	6	8	0.0
Ambulance on emergency	0	3	3	6	0.0
Unknown	4	873	4,317	5,194	2.4
<b>TOTAL</b>	<b>1,069</b>	<b>75,479</b>	<b>143,650</b>	<b>220,198</b>	<b>100.0</b>

Note: This report counts all units in crashes, except pedestrians. These numbers do not represent crashes.



## 1999 Vehicles in Crashes by Plate Type and Crash Severity

License Plate Type	Crash Severity			TOTAL
	Fatal	Injury	Property Damage	
ABC annual truck	168	8,789	18,107	27,064
Amateur radio	0	28	51	79
Annual trailer	1	0	0	1
Apportioned vehicle	35	797	2,168	3,000
Auto	585	50,377	85,006	135,968
BX-bus	0	4	4	8
Civilian group	59	5,523	10,309	15,891
Collector-special	0	24	45	69
Collector vehicle	0	73	95	168
Dealer	4	170	329	503
Disabled person	6	381	566	953
Disabled veteran	1	54	59	114
Distributor	0	1	1	2
Driver ed vehicle	0	4	4	8
Dual purpose farm	5	115	244	364
Dual purpose vehicle	1	36	73	110
Ex-POW	1	8	18	27
Farm-regular	12	317	755	1,084
Farm - heavy	0	20	47	67
Government	0	28	55	83
Higher education group	0	71	134	205
Hobbyist	0	1	2	3
In-transit (temp)	0	1	2	3
Insert bus	0	18	46	64
Insert truck	39	1,281	3,029	4,349
Lac du Flambeau	0	4	4	8
Manufacturer	0	2	1	3
Menominee nation	3	16	23	42
Military group	3	185	390	578
Moped	1	70	3	74
Motor home	2	22	78	102
Motorcycle	59	1,607	199	1,865
Municipal-cycle	0	5	2	7
Municipal-general	3	365	883	1,251
Municipal-official	0	205	361	566
National Guard	0	10	30	40
Oneida Nation	0	1	3	4
School bus	3	278	563	844
Special mobile equipment UX	1	8	26	35
Special mobile equipment Z	1	11	33	45
Special X	2	8	8	18
State owned vehicle	1	61	130	192
Temporary operation	3	131	181	315
Tractor	12	313	974	1,299
Wisconsin State Patrol	0	0	1	1
Other/unknown	58	4,056	18,608	22,722
<b>TOTAL</b>	<b>1,069</b>	<b>75,479</b>	<b>143,650</b>	<b>220,198</b>

Note: This report counts vehicles with license plates, not crashes. Many of the unknown plate types are a result of hit and run crashes.

## 1999 Vehicles by Damage Severity and Crash Severity

Vehicle Damage	Crash Severity												Vehicle Total
	Fatal				Injury				Property Damage				
	Towed			Total	Towed			Total	Towed			Total	
	Yes	No	Unk		Yes	No	Unk		Yes	No	Unk		
Very severe	562	4	13	579	8,024	241	131	8,396	2,719	335	63	3,117	12,092
Severe	182	2	7	191	15,169	1,982	302	17,453	9,821	3,976	217	14,014	31,658
Moderate	102	31	2	135	10,528	14,786	399	25,713	12,607	44,614	606	57,827	83,675
Minor	17	36	2	55	959	9,696	368	11,023	1,783	28,260	461	30,504	41,582
Very minor	2	16	3	21	126	5,489	310	5,925	164	10,941	196	11,301	17,247
None	1	26	1	28	16	3,139	362	3,517	34	3,967	155	4,156	7,701
Unknown	44	3	13	60	930	1,713	809	3,452	835	6,012	15,884	22,731	26,243
<b>TOTAL</b>	<b>910</b>	<b>118</b>	<b>41</b>	<b>1,069</b>	<b>35,752</b>	<b>37,046</b>	<b>2,681</b>	<b>75,479</b>	<b>27,963</b>	<b>98,105</b>	<b>17,582</b>	<b>143,650</b>	<b>220,198</b>

Note: The "Yes"/"No" categories here represent whether or not the vehicle needed to be towed following the crash. These numbers represent vehicles, not crashes.

## 1999 Crashes by Total Vehicles and Crash Severity

Total Vehicles	Crash Severity			Total
	Fatal	Injury	Property Damage	
1	350	13,750	38,490	52,590
2	286	23,467	46,835	70,588
3	30	3,349	3,123	6,502
4	4	634	389	1,027
5	3	92	74	169
6	0	32	10	42
7	1	8	4	13
8	0	2	3	5
9	0	1	1	2
10 or more	0	10	2	12
<b>TOTAL</b>	<b>674</b>	<b>41,345</b>	<b>88,931</b>	<b>130,950</b>

Note: This report does not include pedestrians, bicyclists or heavy machinery.

## 1999 Total Occupants in Vehicles in Crashes by Crash Severity

Occupants in the Vehicle	Crash Severity			Total
	Fatal	Injury	Property Damage	
0	16	1,634	8,725	10,375
1	651	46,122	92,493	139,266
2	255	16,484	25,820	42,559
3	70	5,164	7,142	12,376
4	33	2,524	3,324	5,881
5	9	821	1,038	1,868
6	7	275	335	617
7	2	108	120	230
8	0	41	51	92
9	0	23	24	47
10-19	2	82	112	196
20-29	1	22	44	67
30-39	0	15	25	40
40-49	0	9	15	24
50 & over	0	5	11	16
<b>TOTAL</b>	<b>1,046</b>	<b>73,329</b>	<b>139,279</b>	<b>213,654</b>

Note: This report does not include pedestrians, bicyclists or occupants of unknown vehicle types.

## 1999 Passenger Car and Light Truck Crashes by Month and Severity, Total Killed, Total Injured by Urban/Rural Location

Month	Fatal Crashes			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	25	8	33	1,501	1,842	3,343	4,664	5,119	9,783	6,190	6,969	13,159	26	8	34	2,232	2,661	4,893
Feb	21	5	26	1,169	1,383	2,552	2,863	2,707	5,570	4,053	4,095	8,148	24	5	29	1,677	2,055	3,732
Mar	28	8	36	1,067	1,640	2,707	2,869	3,167	6,036	3,964	4,815	8,779	41	9	50	1,594	2,448	4,042
Apr	38	10	48	1,063	1,717	2,780	2,234	2,775	5,009	3,335	4,502	7,837	39	11	50	1,637	2,568	4,205
May	42	9	51	1,346	2,007	3,353	3,239	3,338	6,577	4,627	5,354	9,981	49	10	59	2,106	2,980	5,086
Jun	38	7	45	1,456	2,083	3,539	3,187	3,325	6,512	4,681	5,415	10,096	39	7	46	2,329	3,074	5,403
Jul	46	11	57	1,557	2,225	3,782	2,896	3,363	6,259	4,499	5,599	10,098	53	12	65	2,505	3,390	5,895
Aug	49	7	56	1,466	2,039	3,505	2,606	3,173	5,779	4,121	5,219	9,340	54	7	61	2,310	3,069	5,379
Sep	54	11	65	1,345	2,092	3,437	3,113	3,323	6,436	4,512	5,426	9,938	57	11	68	2,123	3,113	5,236
Oct	53	15	68	1,377	2,036	3,413	4,811	3,599	8,410	6,241	5,650	11,891	58	15	73	2,177	3,037	5,214
Nov	47	6	53	1,356	1,758	3,114	6,532	3,389	9,921	7,935	5,153	13,088	51	7	58	2,042	2,586	4,628
Dec	56	16	72	1,874	2,088	3,962	5,036	4,440	9,476	6,966	6,544	13,510	65	16	81	2,658	3,033	5,691
<b>TOTAL</b>	<b>497</b>	<b>113</b>	<b>610</b>	<b>16,577</b>	<b>22,910</b>	<b>39,487</b>	<b>44,050</b>	<b>41,718</b>	<b>85,768</b>	<b>61,124</b>	<b>64,741</b>	<b>125,865</b>	<b>556</b>	<b>118</b>	<b>674</b>	<b>25,390</b>	<b>34,014</b>	<b>59,404</b>

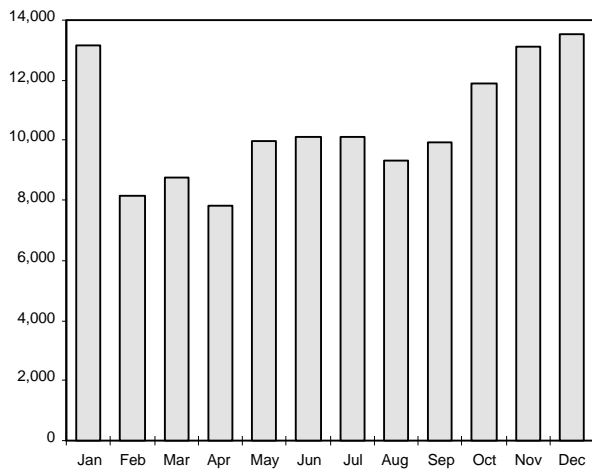
Rural = An unincorporated area or an incorporated area with a population under 5,000.

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

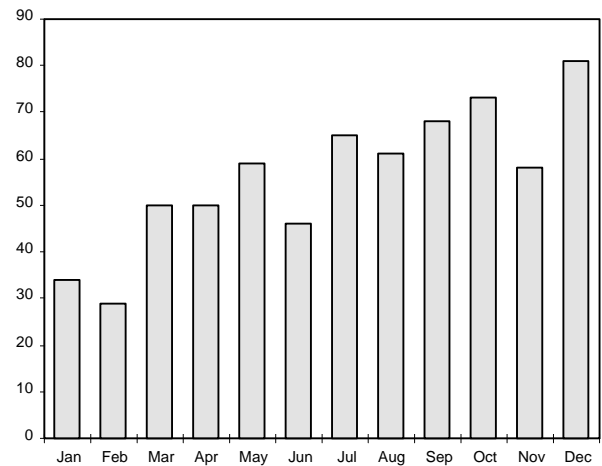
Tot = Total

Note: These numbers represent crashes involving at least one passenger car or light truck.

### 1999 Passenger Car and Light Truck Crashes by Month



### 1999 Persons Killed in Passenger Car and Light Truck Crashes by Month



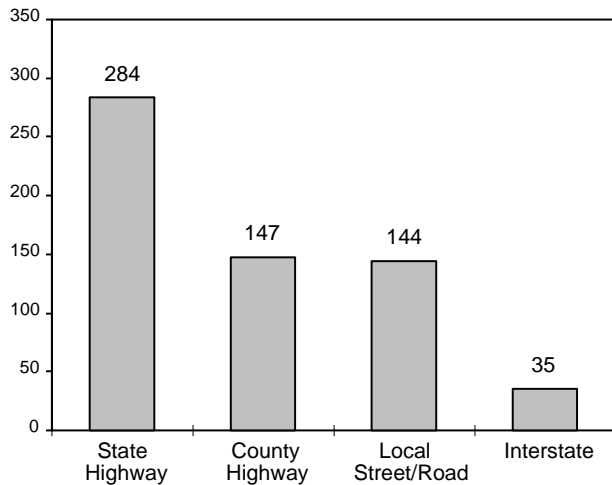
## 1999 Passenger Car and Light Truck Crashes by Manner of Collision and Highway Class by Urban/Rural Location

Manner of Collision	Local Street/Road			County Highway		State Highway			Interstate			TOTAL		
	Rural	Urban	Total	Rural	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
No collision w/vehicle in transit	7,251	7,454	14,705	6,541	6,541	8,349	2,039	10,388	1,825	1,143	2,968	23,966	10,636	34,602
Angle	3,036	18,056	21,092	1,645	1,645	3,884	5,778	9,662	163	187	350	8,728	24,021	32,749
Rear end	1,628	10,700	12,328	1,090	1,090	4,067	5,793	9,860	576	2,044	2,620	7,361	18,537	25,898
Side swipe same	692	4,719	5,411	398	398	1,335	1,469	2,804	381	601	982	2,806	6,789	9,595
Side swipe opposite	473	1,039	1,512	229	229	556	189	745	18	19	37	1,276	1,247	2,523
Head on	320	898	1,218	171	171	399	266	665	23	23	46	913	1,187	2,100
Rear to rear	69	218	287	11	11	49	88	137	5	26	31	134	332	466
Unknown	2,760	1,311	4,071	4,781	4,781	7,533	570	8,103	866	111	977	15,940	1,992	17,932
<b>TOTAL</b>	<b>16,229</b>	<b>44,395</b>	<b>60,624</b>	<b>14,866</b>	<b>14,866</b>	<b>26,172</b>	<b>16,192</b>	<b>42,364</b>	<b>3,857</b>	<b>4,154</b>	<b>8,011</b>	<b>61,124</b>	<b>64,741</b>	<b>125,865</b>

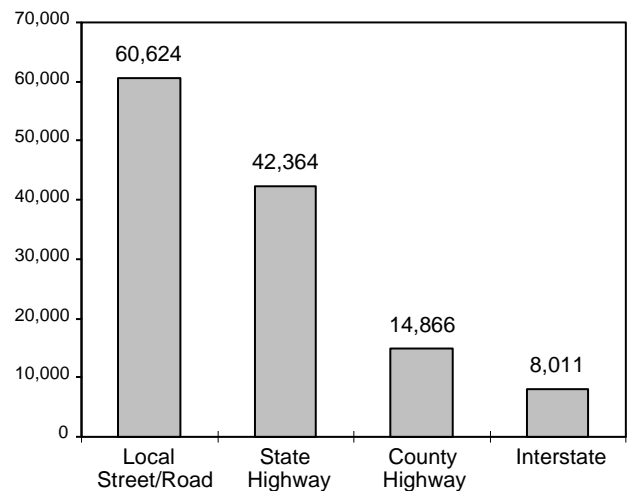
Rural = An unincorporated area or an incorporated area with a population under 5,000.  
 Urban = An incorporated area with a population of 5,000 or more.

## 1999 Passenger Car and Light Truck Crashes by Highway Class

### Fatal Crashes



### Total Crashes



## 1999 Vehicle Possible Contributing Circumstances (PCCs) for Passenger Cars in Crashes by Severity and Urban/Rural Location

Vehicle PCCs for Passenger Cars	Crash Severity									TOTAL		
	Fatal			Injury			Property Damage					
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
Brakes	4	1	5	147	331	478	200	453	653	351	785	1,136
Tires	11	0	11	225	103	328	290	192	482	526	295	821
Steering	1	0	1	43	34	77	42	85	127	86	119	205
Other disabled	0	0	0	25	26	51	30	48	78	55	74	129
Head lamps	1	0	1	13	35	48	19	36	55	33	71	104
Disabled in prior crash	1	0	1	31	18	49	27	23	50	59	41	100
Turn signals	1	0	1	24	8	32	31	21	52	56	29	85
Suspension	0	0	0	11	7	18	18	11	29	29	18	47
Stop lamps	0	0	0	11	15	26	9	8	17	20	23	43
Tail lamps	0	0	0	8	6	14	3	6	9	11	12	23
Mirrors	0	0	0	0	5	5	3	9	12	3	14	17
Other	3	0	3	119	154	273	441	475	916	563	629	1,192
<b>TOTAL</b>	<b>22</b>	<b>1</b>	<b>23</b>	<b>657</b>	<b>742</b>	<b>1,399</b>	<b>1,113</b>	<b>1,367</b>	<b>2,480</b>	<b>1,792</b>	<b>2,110</b>	<b>3,902</b>

Note: The numbers in this table represent the number of times a given vehicle PCC was cited as a possible contributing circumstance for a passenger car in a crash. They do not represent numbers of crashes. Of the 111,954 crashes involving at least one passenger car, 3,668 (3.3%) had vehicle PCCs cited for a passenger car in the crash. Of the 510 fatal crashes, 21 (4.1%) had passenger car vehicle PCCs cited. Of the 36,138 injury crashes, 1,286 (3.6%) had passenger car vehicle PCCs cited.

## 1999 Driver Possible Contributing Circumstances (PCCs) Comparison of Drivers in Passenger Car Crashes by Crash Severity

Driver PCCs	Fatal			Injury			Property Damage			Total Driver PCCs		
	Pass Car Drivers	Other Drivers	Total	Pass Car Drivers	Other Drivers	Total	Pass Car Drivers	Other Drivers	Total	Pass Car Drivers	Other Drivers	Total
	Failure to yield right-of-way	104	10	114	8,308	1,240	9,548	11,762	2,109	13,871	20,174	3,359
Inattentive driving	91	13	104	7,847	1,317	9,164	10,569	2,608	13,177	18,507	3,938	22,445
Failure to control	168	6	174	5,858	564	6,422	8,799	1,404	10,203	14,825	1,974	16,799
Speed too fast/conditions	66	6	72	4,380	514	4,894	7,200	887	8,087	11,646	1,407	13,053
Following too close	2	1	3	3,189	803	3,992	4,738	1,090	5,828	7,929	1,894	9,823
Driver condition	102	8	110	2,861	253	3,114	2,551	324	2,875	5,514	585	6,099
Disregarded traffic control	38	4	42	2,513	400	2,913	2,533	433	2,966	5,084	837	5,921
Improper turn	12	0	12	691	124	815	1,976	703	2,679	2,679	827	3,506
Unsafe backing	1	0	1	218	74	292	1,662	1,205	2,867	1,881	1,279	3,160
Exceeding speed limit	72	3	75	1,305	156	1,461	1,215	167	1,382	2,592	326	2,918
Improper overtake	8	2	10	367	118	485	1,017	319	1,336	1,392	439	1,831
Left of center	60	10	70	706	111	817	690	233	923	1,456	354	1,810
Physically disabled	2	0	2	79	6	85	83	9	92	164	15	179
Other	27	3	30	1,310	285	1,595	2,610	1,021	3,631	3,947	1,309	5,256
<b>TOTAL</b>	<b>753</b>	<b>66</b>	<b>819</b>	<b>39,632</b>	<b>5,965</b>	<b>45,597</b>	<b>57,405</b>	<b>12,512</b>	<b>69,917</b>	<b>97,790</b>	<b>18,543</b>	<b>116,333</b>

Note: The numbers in this table represent the number of times a given driver PCC was cited as a possible contributing circumstance in a passenger car crash. They do not represent numbers of crashes. Of the 111,954 crashes involving at least one passenger car, 73,149 (65%) had driver PCCs cited for a passenger car driver in the crash. Of the 510 fatal crashes, 437 (86%) had passenger car driver PCCs cited. Of the 36,138 injury crashes, 28,490 (79%) had passenger car driver PCCs cited.

## 1999 Vehicle Possible Contributing Circumstances (PCCs) for Light Trucks in Crashes by Severity and Urban/Rural Location

Vehicle PCCs for Light Trucks	Crash Severity									TOTAL		
	Fatal			Injury			Property Damage					
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
Brakes	2	0	2	61	59	120	86	107	193	149	166	315
Tires	1	0	1	56	21	77	111	41	152	168	62	230
Turn signals	0	0	0	16	4	20	32	9	41	48	13	61
Steering	0	0	0	12	6	18	17	11	28	29	17	46
Tail lamps	0	0	0	10	3	13	12	2	14	22	5	27
Stop lamps	0	0	0	9	3	12	10	4	14	19	7	26
Suspension	0	0	0	8	0	8	11	4	15	19	4	23
Head lamps	0	0	0	6	3	9	7	5	12	13	8	21
Other disabled	0	0	0	6	3	9	3	8	11	9	11	20
Mirrors	0	0	0	2	1	3	2	11	13	4	12	16
Disabled in prior crash	0	0	0	7	1	8	3	2	5	10	3	13
Other	0	1	1	56	21	77	201	97	298	257	119	376
<b>TOTAL</b>	<b>3</b>	<b>1</b>	<b>4</b>	<b>249</b>	<b>125</b>	<b>374</b>	<b>495</b>	<b>301</b>	<b>796</b>	<b>747</b>	<b>427</b>	<b>1,174</b>

Note: The numbers in this table represent the number of times a given vehicle PCC was cited as a possible contributing circumstance for a light truck in a crash. They do not represent numbers of crashes. Of the 32,325 crashes involving at least one light truck, 1,111 (3.4%) had vehicle PCCs cited for a light truck in the crash. Of the 186 fatal crashes, 4 (2.2%) had light truck vehicle PCCs cited. Of the 9,550 injury crashes, 345 (3.6%) had light truck vehicle PCCs cited.

## 1999 Driver Possible Contributing Circumstances (PCCs) Comparison of Drivers in Light Truck Crashes by Crash Severity

Driver PCCs	Fatal			Injury			Property Damage			Total Driver PCCs		
	Light Truck Drivers	Other Drivers	Total	Light Truck Drivers	Other Drivers	Total	Light Truck Drivers	Other Drivers	Total	Light Truck Drivers	Other Drivers	Total
Inattentive driving	25	13	38	1,642	1,027	2,669	2,376	1,857	4,233	4,043	2,897	6,940
Failure to yield right-of-way	18	30	48	1,175	1,114	2,289	1,872	1,858	3,730	3,065	3,002	6,067
Failure to control	31	18	49	1,356	492	1,848	2,241	863	3,104	3,628	1,373	5,001
Speed too fast/conditions	20	7	27	1,082	455	1,537	2,041	780	2,821	3,143	1,242	4,385
Following too close	1	2	3	634	586	1,220	938	1,049	1,987	1,573	1,637	3,210
Driver condition	32	1	33	899	195	1,094	791	251	1,042	1,722	447	2,169
Disregarded traffic control	5	6	11	387	322	709	360	338	698	752	666	1,418
Unsafe backing	0	0	0	51	33	84	742	332	1,074	793	365	1,158
Improper turn	0	2	2	107	95	202	409	321	730	516	418	934
Left of center	19	14	33	191	113	304	236	120	356	446	247	693
Exceeding speed limit	10	4	14	234	101	335	186	107	293	430	212	642
Improper overtake	5	3	8	80	77	157	251	198	449	336	278	614
Physically disabled	0	0	0	13	4	17	9	9	18	22	13	35
Other	1	3	4	233	171	404	541	471	1,012	775	645	1,420
<b>TOTAL</b>	<b>167</b>	<b>103</b>	<b>270</b>	<b>8,084</b>	<b>4,785</b>	<b>12,869</b>	<b>12,993</b>	<b>8,554</b>	<b>21,547</b>	<b>21,244</b>	<b>13,442</b>	<b>34,686</b>

Note: The numbers in this table represent the number of times a given driver PCC was cited as a possible contributing circumstance in a light truck crash. They do not represent numbers of crashes. Of the 32,325 crashes involving at least one light truck, 15,853 (49%) had driver PCCs cited for a light truck driver in the crash. Of the 186 fatal crashes, 106 (57%) had light truck driver PCCs cited. Of the 9,550 injury crashes, 5,722 (60%) had light truck driver PCCs cited.

## 1999 Large Truck Crashes by Month and Severity, Total Killed, Total Injured by Urban/Rural Location

Month	Fatal Crashes			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	6	2	8	139	111	250	385	405	790	530	518	1,048	6	2	8	228	156	384
Feb	4	1	5	96	85	181	199	241	440	299	327	626	6	1	7	128	139	267
Mar	4	1	5	76	84	160	205	271	476	285	356	641	6	1	7	111	122	233
Apr	5	2	7	65	78	143	160	248	408	230	328	558	5	2	7	100	102	202
May	4	0	4	78	88	166	237	309	546	319	397	716	5	0	5	114	125	239
Jun	10	0	10	105	102	207	262	321	583	377	423	800	10	0	10	147	137	284
Jul	5	2	7	113	110	223	232	323	555	350	435	785	6	2	8	175	155	330
Aug	6	0	6	116	100	216	213	316	529	335	416	751	6	0	6	176	142	318
Sep	7	1	8	119	118	237	233	309	542	359	428	787	8	1	9	155	170	325
Oct	5	1	6	101	101	202	299	309	608	405	411	816	6	1	7	151	132	283
Nov	6	0	6	98	94	192	293	269	562	397	363	760	6	0	6	155	123	278
Dec	11	3	14	130	107	237	282	325	607	423	435	858	12	3	15	184	142	326
TOTAL	73	13	86	1,236	1,178	2,414	3,000	3,646	6,646	4,309	4,837	9,146	82	13	95	1,824	1,645	3,469

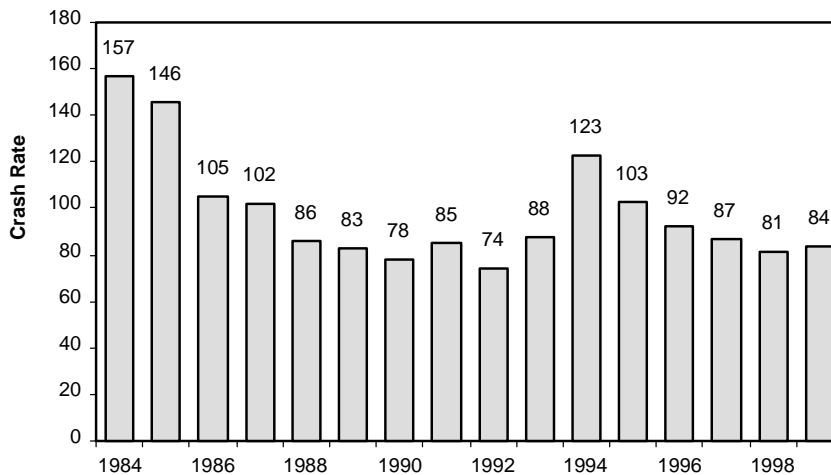
Rural = An unincorporated area or an incorporated area with a population under 5,000.

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

Note: These numbers represent crashes involving at least one large truck.

Large Truck = Straight (insert) truck, truck tractor (not attached, semi attached, double bottom).

## Large Truck Crash Rates On Rural Interstate Highways 1984-1999



Crash Rate = Large trucks in crashes per 100 million vehicle miles traveled.

Large Truck = Straight (insert) truck, truck tractor (not attached, semi attached, double bottom).

## 1999 Large Truck Crashes by Manner of Collision and Highway Class by Urban/Rural Location

Manner of Collision	Local Street/Road			County Highway		State Highway			Interstate			TOTAL		
	Rural	Urban	Total	Rural	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
No collision w/vehicle in transit	283	595	878	210	210	541	299	840	271	121	392	1,305	1,015	2,320
Rear end	158	599	757	92	92	436	399	835	145	259	404	831	1,257	2,088
Angle	195	752	947	152	152	422	315	737	65	60	125	834	1,127	1,961
Side swipe same	95	560	655	69	69	296	331	627	192	292	484	652	1,183	1,835
Side swipe opposite	56	78	134	27	27	118	20	138	7	7	14	208	105	313
Head on	24	31	55	15	15	50	17	67	7	8	15	96	56	152
Rear to rear	6	18	24	3	3	6	5	11	1	4	5	16	27	43
Unknown	40	38	78	51	51	189	21	210	87	8	95	367	67	434
<b>TOTAL</b>	<b>857</b>	<b>2,671</b>	<b>3,528</b>	<b>619</b>	<b>619</b>	<b>2,058</b>	<b>1,407</b>	<b>3,465</b>	<b>775</b>	<b>759</b>	<b>1,534</b>	<b>4,309</b>	<b>4,837</b>	<b>9,146</b>

Large Truck = Straight (insert) truck, truck tractor (not attached, semi attached, double bottom).

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.

## 1999 Commercial Motor Vehicle Drivers in Crashes by Age and Crash Severity

Age	Drivers in:			TOTAL
	Fatal Crashes	Injury Crashes	Prop Dmg Crashes	
16	0	0	0	0
17	0	1	1	2
18	2	3	22	27
19	0	14	28	42
20	1	16	36	53
21	1	30	61	92
22	1	28	91	120
23	2	34	91	127
24	1	38	102	141
25-34	21	514	1,283	1,818
35-44	13	608	1,642	2,263
45-54	21	483	1,221	1,725
55-64	9	227	655	891
65-74	1	56	131	188
75-84	0	7	15	22
85 & over	0	0	1	1
Unknown	0	19	165	184
<b>TOTAL</b>	<b>73</b>	<b>2,078</b>	<b>5,545</b>	<b>7,696</b>

A "Commercial Motor Vehicle Driver" is defined as a person who is operating a vehicle for which a Commercial Drivers License (CDL) is required (i.e. a vehicle weighing 26,000 pounds or more, any vehicle carrying hazardous materials requiring placarding, or any vehicle designed to carry 16 or more persons including the driver).



## 1999 Vehicle Possible Contributing Circumstances (PCCs) for Large Trucks in Crashes by Severity and Urban/Rural Location

Vehicle PCCs for Large Trucks	Crash Severity									TOTAL		
	Fatal			Injury			Property Damage					
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
Brakes	1	0	1	27	17	44	47	46	93	75	63	138
Tires	1	0	1	18	6	24	59	18	77	78	24	102
Mirrors	0	0	0	2	6	8	11	18	29	13	24	37
Turn signals	0	0	0	4	1	5	11	7	18	15	8	23
Steering	0	0	0	4	1	5	12	5	17	16	6	22
Stop lamps	0	0	0	3	1	4	4	4	8	7	5	12
Suspension	0	0	0	4	0	4	6	2	8	10	2	12
Other disabled	0	0	0	0	1	1	7	3	10	7	4	11
Tail lamps	0	0	0	1	0	1	4	2	6	5	2	7
Disabled in prior crash	0	0	0	1	0	1	2	2	4	3	2	5
Other	2	0	2	30	32	62	161	133	294	193	165	358
<b>TOTAL</b>	<b>4</b>	<b>0</b>	<b>4</b>	<b>94</b>	<b>65</b>	<b>159</b>	<b>324</b>	<b>240</b>	<b>564</b>	<b>422</b>	<b>305</b>	<b>727</b>

Note: The numbers in this table represent the number of times a given vehicle PCC was cited as a possible contributing circumstance for a large truck in a crash. They do not represent numbers of crashes. Of the 9,146 crashes involving at least one large truck, 697 (7.6%) had vehicle PCCs cited for a large truck in the crash. Of the 86 fatal crashes, 3 (3.5%) had large truck vehicle PCCs cited. Of the 2,414 injury crashes, 148 (6.1%) had large truck vehicle PCCs cited.

## 1999 Driver Possible Contributing Circumstances (PCCs) Comparison of Drivers in Large Truck Crashes by Crash Severity

Driver PCCs	Fatal			Injury			Property Damage			Total Driver PCCs		
	Large Truck Drivers	Other Drivers	Total	Large Truck Drivers	Other Drivers	Total	Large Truck Drivers	Other Drivers	Total	Large Truck Drivers	Other Drivers	Total
Inattentive driving	7	19	26	314	254	568	759	512	1,271	1,080	785	1,865
Failure to control	5	18	23	255	269	524	517	392	909	777	679	1,456
Failure to yield right-of-way	4	21	25	225	257	482	394	447	841	623	725	1,348
Speed too fast/conditions	6	8	14	201	239	440	348	301	649	555	548	1,103
Improper turn	1	1	2	51	42	93	543	114	657	595	157	752
Following too close	0	0	0	188	87	275	293	183	476	481	270	751
Unsafe backing	0	0	0	40	7	47	421	55	476	461	62	523
Improper overtake	1	1	2	32	46	78	90	195	285	123	242	365
Disregarded traffic control	4	8	12	64	98	162	73	99	172	141	205	346
Driver condition	2	6	8	43	90	133	32	53	85	77	149	226
Left of center	1	12	13	29	47	76	59	55	114	89	114	203
Exceeding speed limit	0	3	3	21	41	62	32	41	73	53	85	138
Physically disabled	0	1	1	0	4	4	4	4	8	4	9	13
Other	1	5	6	112	84	196	478	233	711	591	322	913
<b>TOTAL</b>	<b>32</b>	<b>103</b>	<b>135</b>	<b>1,575</b>	<b>1,565</b>	<b>3,140</b>	<b>4,043</b>	<b>2,684</b>	<b>6,727</b>	<b>5,650</b>	<b>4,352</b>	<b>10,002</b>

Note: The numbers in this table represent the number of times a given driver PCC was cited as a possible contributing circumstance in a large truck crash. They do not represent numbers of crashes. Of the 9,146 crashes involving at least one large truck, 4,707 (51%) had driver PCCs cited for a large truck driver in the crash. Of the 86 fatal crashes, 21 (24%) had large truck driver PCCs cited. Of the 2,414 injury crashes, 1,235 (51%) had large truck driver PCCs cited. Large Truck = Straight (insert) truck, truck tractor (not attached, semi attached, double bottom).

## 1999 Motorcycle Crashes by Month and Severity, Total Killed, Total Injured by Urban/Rural Location

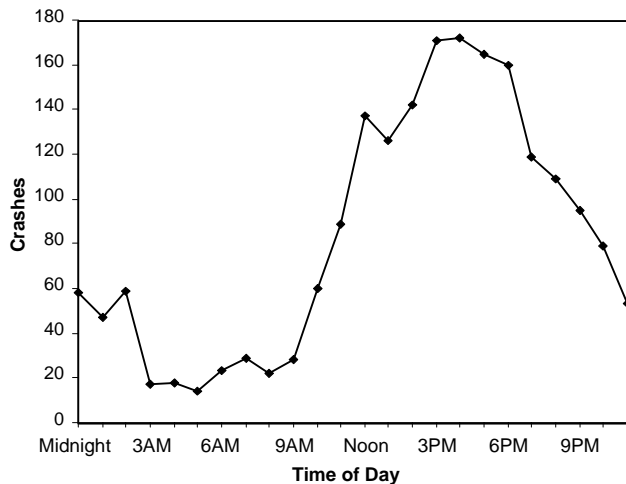
Month	Fatal Crashes			Injury Crashes			Property Damage Crashes			Total Crashes			Total Persons Killed			Total Persons Injured		
	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total
Jan	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0
Feb	0	1	1	1	4	5	0	2	2	1	7	8	0	1	1	1	4	5
Mar	1	2	3	21	30	51	1	1	2	23	33	56	1	2	3	25	36	61
Apr	4	2	6	76	52	128	6	12	18	86	66	152	4	2	6	89	60	149
May	5	3	8	149	109	258	20	17	37	174	129	303	5	3	8	180	133	313
Jun	9	0	9	145	111	256	15	20	35	169	131	300	9	0	9	185	128	313
Jul	8	1	9	178	137	315	21	18	39	207	156	363	9	1	10	217	158	375
Aug	6	2	8	156	121	277	10	20	30	172	143	315	9	2	11	187	142	329
Sep	6	3	9	136	101	237	16	16	32	158	120	278	6	3	9	170	129	299
Oct	4	1	5	65	57	122	16	11	27	85	69	154	4	1	5	80	69	149
Nov	2	1	3	32	31	63	4	4	8	38	36	74	2	1	3	36	31	67
Dec	0	0	0	2	6	8	0	0	0	2	6	8	0	0	0	2	6	8
<b>TOTAL</b>	<b>45</b>	<b>16</b>	<b>61</b>	<b>961</b>	<b>759</b>	<b>1,720</b>	<b>109</b>	<b>122</b>	<b>231</b>	<b>1,115</b>	<b>897</b>	<b>2,012</b>	<b>49</b>	<b>16</b>	<b>65</b>	<b>1,172</b>	<b>896</b>	<b>2,068</b>

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

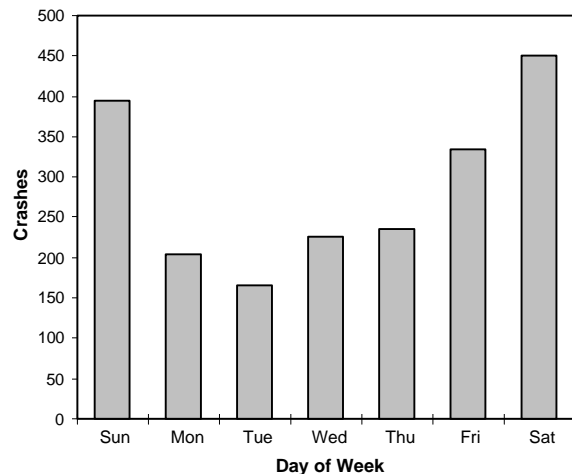
Urban = An incorporated area with a population of 5,000 or more.

Note: Total Killed and Total Injured include everyone killed or injured in crashes involving motorcycles, not just motorcyclists.

### 1999 Motorcycle Crashes by Time of Day



### 1999 Motorcycle Crashes by Day of Week



## 1999 Motorcycle Crashes by Manner of Collision and Highway Class by Urban/Rural Location

Manner of Collision	Local Street/Road			County Highway		State Highway			Interstate			TOTAL		
	Rural	Urban	Total	Rural	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
No collision w/vehicle in transit	253	257	510	273	273	205	79	284	16	25	41	747	361	1,108
Angle	42	197	239	38	38	67	65	132	2	3	5	149	265	414
Rear end	18	92	110	21	21	53	42	95	0	7	7	92	141	233
Side swipe same	13	46	59	7	7	15	22	37	1	3	4	36	71	107
Side swipe opposite	7	15	22	6	6	6	4	10	1	0	1	20	19	39
Head on	6	15	21	6	6	4	4	8	0	0	0	16	19	35
Rear to rear	0	2	2	0	0	1	0	1	0	0	0	1	2	3
Unknown	20	12	32	17	17	14	7	21	3	0	3	54	19	73
<b>TOTAL</b>	<b>359</b>	<b>636</b>	<b>995</b>	<b>368</b>	<b>368</b>	<b>365</b>	<b>223</b>	<b>588</b>	<b>23</b>	<b>38</b>	<b>61</b>	<b>1,115</b>	<b>897</b>	<b>2,012</b>

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.

## 1999 Motorcycle Crashes by Time of Day and Day of Week

Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	TOTAL
12-1 AM	20	7	4	3	6	6	12	58
1-2 AM	11	1	2	2	10	8	13	47
2-3 AM	24	3	2	5	4	5	16	59
3-4 AM	8	2	0	2	0	1	4	17
4-5 AM	4	1	2	0	3	0	8	18
5-6 AM	2	0	3	3	3	2	1	14
6-7 AM	2	4	5	3	3	5	1	23
7-8 AM	1	5	5	3	7	6	2	29
8-9 AM	4	1	4	1	2	4	6	22
9-10 AM	4	6	1	4	1	5	7	28
10-11 AM	16	4	4	8	5	9	14	60
11-12 PM	21	4	7	9	8	18	22	89
12-1 PM	30	14	11	8	10	20	44	137
1-2 PM	31	13	8	7	12	19	36	126
2-3 PM	30	12	10	17	17	23	33	142
3-4 PM	33	17	12	28	14	28	39	171
4-5 PM	31	16	16	19	26	31	33	172
5-6 PM	30	24	16	21	23	25	26	165
6-7 PM	27	25	11	16	19	36	26	160
7-8 PM	16	12	10	25	16	16	24	119
8-9 PM	17	14	12	11	15	15	25	109
9-10 PM	10	8	13	13	15	16	20	95
10-11 PM	11	9	3	7	11	19	19	79
11-12 AM	6	2	3	8	5	12	17	53
Unknown	5	1	1	3	1	6	3	20
<b>TOTAL</b>	<b>394</b>	<b>205</b>	<b>165</b>	<b>226</b>	<b>236</b>	<b>335</b>	<b>451</b>	<b>2,012</b>

## 1999 Vehicle Possible Contributing Circumstances (PCCs) for Motorcycles in Crashes by Severity and Urban/Rural Location

Vehicle PCCs for Motorcycles	Crash Severity									TOTAL		
	Fatal			Injury			Property Damage					
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
Tires	1	0	1	18	7	25	2	2	4	21	9	30
Brakes	0	0	0	18	7	25	1	1	2	19	8	27
Steering	0	0	0	6	3	9	0	0	0	6	3	9
Head lamps	0	0	0	5	1	6	0	0	0	5	1	6
Turn signals	0	0	0	4	0	4	0	0	0	4	0	4
Stop lamps	0	0	0	3	0	3	0	0	0	3	0	3
Tail lamps	0	0	0	2	0	2	0	0	0	2	0	2
Other disabled	0	0	0	2	0	2	0	0	0	2	0	2
Mirrors	0	0	0	1	0	1	0	0	0	1	0	1
Suspension	0	0	0	1	0	1	0	0	0	1	0	1
Other	0	0	0	19	12	31	3	0	3	22	12	34
<b>TOTAL</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>79</b>	<b>30</b>	<b>109</b>	<b>6</b>	<b>3</b>	<b>9</b>	<b>86</b>	<b>33</b>	<b>119</b>

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. Of the 2,012 crashes involving at least one motorcycle, 103 (5.1%) had vehicle PCCs cited for a motorcycle in the crash. Of the 61 fatal crashes, 1 (1.6%) had motorcycle vehicle PCCs cited. Of the 1,720 injury crashes, 94 (5.5%) had motorcycle vehicle PCCs cited.

## 1999 Driver Possible Contributing Circumstances (PCCs) Comparison of Drivers in Motorcycle Crashes by Crash Severity

Driver PCCs	Fatal			Injury			Property Damage			Total Driver PCCs		
	Cycle Drivers	Other Drivers	Total	Cycle Drivers	Other Drivers	Total	Cycle Drivers	Other Drivers	Total	Cycle Drivers	Other Drivers	Total
Failure to control	25	0	25	471	15	486	34	6	40	530	21	551
Failure to yield right-of-way	3	15	18	38	330	368	6	28	34	47	373	420
Inattentive driving	6	2	8	127	112	239	25	24	49	158	138	296
Driver condition	13	2	15	174	17	191	12	8	20	199	27	226
Speed too fast/conditions	9	0	9	178	13	191	21	2	23	208	15	223
Exceeding speed limit	14	0	14	123	4	127	11	0	11	148	4	152
Following too close	0	0	0	59	16	75	12	7	19	71	23	94
Improper turn	0	4	4	23	42	65	4	2	6	27	48	75
Improper overtake	2	0	2	37	6	43	5	1	6	44	7	51
Left of center	5	0	5	20	10	30	2	0	2	27	10	37
Disregarded traffic control	1	0	1	17	17	34	0	0	0	18	17	35
Unsafe backing	0	0	0	0	7	7	0	14	14	0	21	21
Physically disabled	0	0	0	0	1	1	0	0	0	0	1	1
Other	4	0	4	58	38	96	7	9	16	69	47	116
<b>TOTAL</b>	<b>82</b>	<b>23</b>	<b>105</b>	<b>1,325</b>	<b>628</b>	<b>1,953</b>	<b>139</b>	<b>101</b>	<b>240</b>	<b>1,546</b>	<b>752</b>	<b>2,298</b>

Note: The numbers in this table represent the number of times a given driver PCC was cited as a possible contributing circumstance in a motorcycle crash. They do not represent numbers of crashes. Of the 2,012 crashes involving at least one motorcycle, 1,031 (51%) had driver PCCs cited for a motorcycle driver in the crash. Of the 61 fatal crashes, 44 (72%) had motorcycle driver PCCs cited. Of the 1,720 injury crashes, 889 (52%) had motorcycle driver PCCs cited.

## 1999 Motorcyclists Injured or Killed by Age and Injury Severity by Sex

Age	Severity of Injury by Sex												Total Injured or Killed				
	Killed			Incapacitating			Nonincapacitating				Possible						
	F	M	Total	F	M	Total	F	M	Unk	Total	F	M	Total	F	M	Unk	Total
Under 5	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	1
5-9	0	0	0	0	0	0	1	0	0	1	1	0	1	2	0	0	2
10-14	0	0	0	1	1	2	2	4	0	6	0	2	2	3	7	0	10
15	0	0	0	1	2	3	1	2	0	3	0	2	2	2	6	0	8
16	0	0	0	3	5	8	1	3	0	4	1	1	2	5	9	0	14
17	0	0	0	1	5	6	1	12	0	13	2	1	3	4	18	0	22
18	0	1	1	2	10	12	2	23	0	25	1	5	6	5	39	0	44
19	1	1	2	0	16	16	5	27	0	32	4	10	14	10	54	0	64
20	1	1	2	2	20	22	2	47	0	49	3	15	18	8	83	0	91
21	0	1	1	3	12	15	6	35	0	41	3	8	11	12	56	0	68
22	0	1	1	1	19	20	4	26	0	30	1	15	16	6	61	0	67
23	0	1	1	0	13	13	3	28	0	31	2	13	15	5	55	0	60
24	0	2	2	2	18	20	3	20	0	23	0	7	7	5	47	0	52
25-34	4	13	17	21	105	126	36	189	0	225	26	96	122	87	403	0	490
35-44	3	16	19	38	131	169	50	188	0	238	14	85	99	105	420	0	525
45-54	1	9	10	29	82	111	32	119	0	151	11	56	67	73	266	0	339
55-64	0	6	6	4	25	29	10	65	0	75	7	12	19	21	108	0	129
65-74	1	1	2	0	6	6	3	12	0	15	2	5	7	6	24	0	30
75-84	0	1	1	0	0	0	0	4	0	4	0	1	1	0	6	0	6
Unknown	0	0	0	0	0	0	3	1	1	5	1	2	3	4	3	1	8
<b>TOTAL</b>	<b>11</b>	<b>54</b>	<b>65</b>	<b>108</b>	<b>470</b>	<b>578</b>	<b>166</b>	<b>805</b>	<b>1</b>	<b>972</b>	<b>79</b>	<b>336</b>	<b>415</b>	<b>364</b>	<b>1,665</b>	<b>1</b>	<b>2,030</b>

F = Female

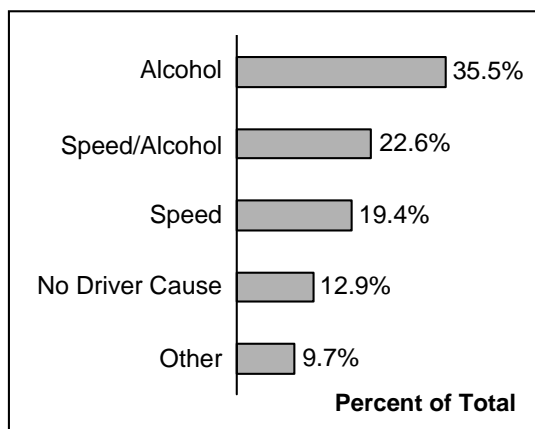
M = Male

Unk = Unknown

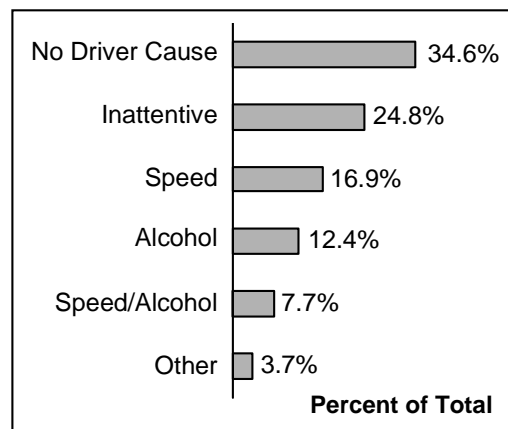
"Motorcyclist" includes motorcycle drivers and passengers.

## 1999 Single Unit Motorcycle Crashes Primary Driver Contributing Factors

**Fatal Crashes**



**Total Crashes**

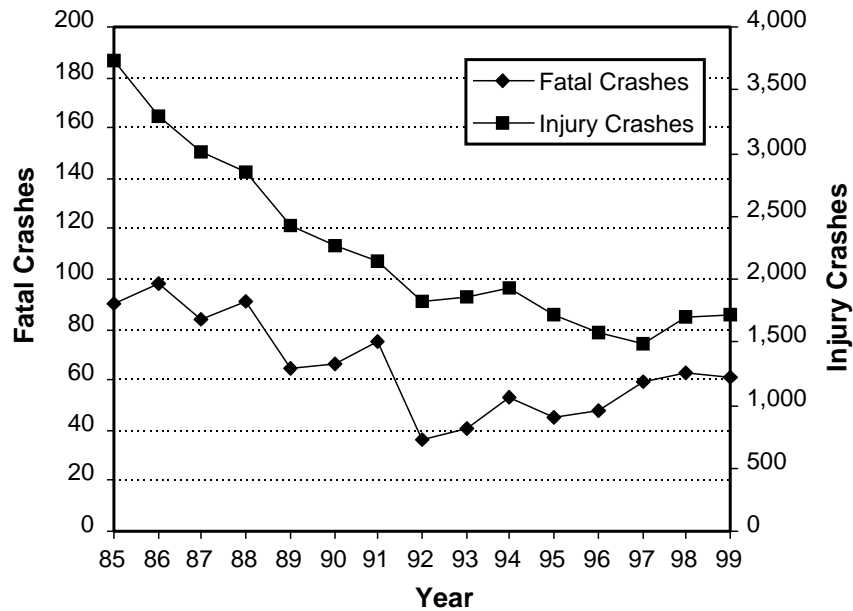


## Motorcycle Crashes 15 - Year Summary

Year	Registered Cycles	Cyclist Fatalities	Fatal Crashes	Single Unit Fatal Crashes	Injury Crashes	Property Damage Crashes	Total Crashes	Cyclists Killed Without Helmet	Cyclists Killed Wearing Helmet
1985	188,331	90	90	49	3,735	462	4,289	66	24
1986	186,020	104	98	57	3,285	412	3,800	85	19
1987	180,417	86	84	36	3,017	496	3,597	64	20
1988	177,962	93	91	44	2,852	464	3,407	70	22
1989	171,172	68	65	29	2,423	401	2,889	53	13
1990	161,515	67	66	26	2,261	386	2,713	48	16
1991	179,768	76	75	42	2,139	387	2,601	53	19
1992	150,857	40	36	23	1,825	296	2,157	34	3
1993	169,499	40	41	23	1,861	341	2,243	27	8
1994	149,756	57	53	25	1,924	320	2,297	47	7
1995	168,287	47	45	20	1,709	303	2,057	37	4
1996	148,975	50	48	24	1,580	195	1,823	37	10
1997	167,997	63	59	37	1,487	214	1,760	50	11
1998	157,230	65	63	30	1,691	235	1,989	45	14
1999	179,494	65	61	31	1,720	231	2,012	46	17

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

### 1985-1999 Fatal and Injury Motorcycle Crashes



## 1999 School Bus Crashes by Month and Severity, Total Killed, Total Injured by Urban/Rural Location

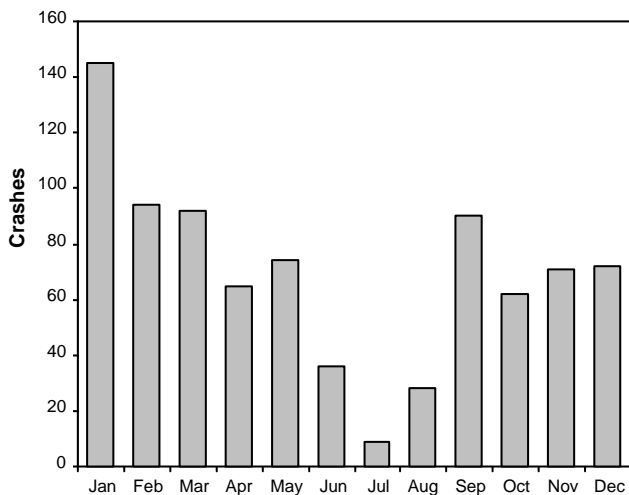
Month	Fatal Crashes			Injury Crashes			Property Damage Crashes			Total Crashes			Total Persons Killed			Total Persons Injured		
	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total
Jan	0	0	0	16	24	40	41	64	105	57	88	145	0	0	0	31	36	67
Feb	1	0	1	13	30	43	18	32	50	32	62	94	2	0	2	25	57	82
Mar	0	0	0	9	26	35	12	45	57	21	71	92	0	0	0	21	61	82
Apr	0	0	0	4	16	20	17	28	45	21	44	65	0	0	0	5	28	33
May	0	0	0	9	19	28	15	31	46	24	50	74	0	0	0	32	37	69
Jun	0	0	0	2	10	12	4	20	24	6	30	36	0	0	0	12	20	32
Jul	0	0	0	1	1	2	1	6	7	2	7	9	0	0	0	1	3	4
Aug	1	0	1	1	5	6	5	16	21	7	21	28	1	0	1	1	5	6
Sep	1	0	1	5	20	25	21	43	64	27	63	90	1	0	1	8	48	56
Oct	0	0	0	6	14	20	7	35	42	13	49	62	0	0	0	61	25	86
Nov	0	0	0	8	21	29	7	35	42	15	56	71	0	0	0	14	42	56
Dec	0	0	0	6	7	13	15	44	59	21	51	72	0	0	0	38	26	64
<b>TOTAL</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>80</b>	<b>193</b>	<b>273</b>	<b>163</b>	<b>399</b>	<b>562</b>	<b>246</b>	<b>592</b>	<b>838</b>	<b>4</b>	<b>0</b>	<b>4</b>	<b>249</b>	<b>388</b>	<b>637</b>

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

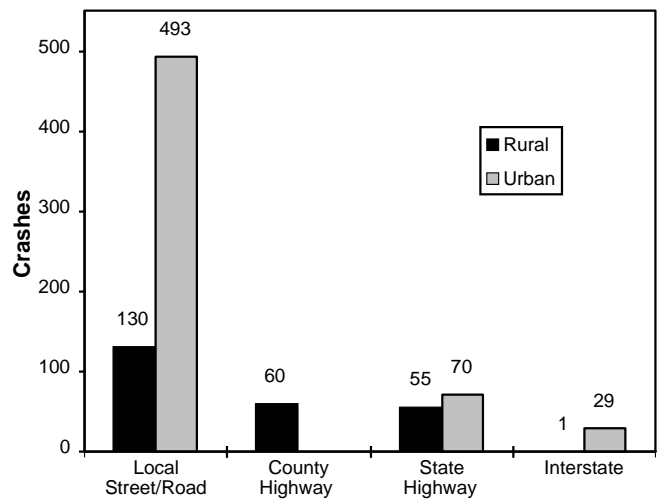
Urban = An incorporated area with a population of 5,000 or more.

Note: Total Killed and Total Injured include everyone killed or injured in crashes involving school buses, not just school bus occupants.

### 1999 School Bus Crashes by Month



### 1999 School Bus Crashes by Highway Class



## 1999 School Bus Occupants Killed or Injured by Age and Injury Severity by Sex

Age	Severity of Injury by Sex											Total Injured or Killed			
	Incapacitating			Nonincapacitating				Possible							
	F	M	Total	F	M	Unk	Total	F	M	Unk	Total	F	M	Unk	Total
1-2	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1
3	0	0	0	0	0	0	0	0	3	0	3	0	3	0	3
4	0	0	0	0	1	0	1	0	2	0	2	0	3	0	3
5-9	0	0	0	8	7	0	15	35	15	0	50	43	22	0	65
10-14	0	0	0	27	22	0	49	57	33	2	92	84	55	2	141
15	0	0	0	2	6	1	9	6	6	0	12	8	12	1	21
16	0	0	0	2	3	0	5	9	4	0	13	11	7	0	18
17	0	0	0	1	1	0	2	1	6	0	7	2	7	0	9
18	0	0	0	1	2	0	3	2	3	0	5	3	5	0	8
19	0	0	0	0	0	0	0	0	3	0	3	0	3	0	3
20	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1
21	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1
22	0	0	0	0	0	0	0	1	2	0	3	1	2	0	3
23	0	0	0	0	0	0	0	1	2	0	3	1	2	0	3
24	0	0	0	0	0	0	0	2	0	0	2	2	0	0	2
25-34	0	0	0	1	2	0	3	13	4	0	17	14	6	0	20
35-44	0	0	0	3	3	0	6	8	1	0	9	11	4	0	15
45-54	0	0	0	3	2	0	5	10	3	0	13	13	5	0	18
55-64	0	0	0	2	2	0	4	3	4	0	7	5	6	0	11
65-74	1	1	2	0	1	0	1	0	1	0	1	1	3	0	4
Unknown	0	0	0	2	0	0	2	2	4	0	6	4	4	0	8
<b>TOTAL</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>52</b>	<b>52</b>	<b>1</b>	<b>105</b>	<b>150</b>	<b>99</b>	<b>2</b>	<b>251</b>	<b>203</b>	<b>152</b>	<b>3</b>	<b>358</b>

Note: There were no school bus occupants killed in 1999.

## 1999 School Bus Drivers in Crashes by Age and Crash Severity

Age	Drivers in:			TOTAL
	Fatal Crashes	Injury Crashes	Prop Dmg Crashes	
18	1	3	5	9
19	0	4	9	13
20	0	6	9	15
21	0	3	8	11
22	0	7	14	21
23	0	8	7	15
24	0	7	9	16
25-34	1	62	108	171
35-44	0	57	134	191
45-54	0	50	109	159
55-64	0	35	77	112
65-74	1	27	54	82
75-84	0	1	7	8
Unknown	0	8	15	23
<b>TOTAL</b>	<b>3</b>	<b>278</b>	<b>565</b>	<b>846</b>



## 1999 Driver Possible Contributing Circumstances (PCCs) Comparison of Drivers in School Bus Crashes by Crash Severity

Driver PCCs	Fatal			Injury			Property Damage			Total Driver PCCs		
	School Bus Drivers	Other Drivers	Total	School Bus Drivers	Other Drivers	Total	School Bus Drivers	Other Drivers	Total	School Bus Drivers	Other Drivers	Total
Inattentive driving	0	0	0	28	38	66	54	72	126	82	110	192
Fail to yield right of way	1	0	1	56	33	89	46	47	93	103	80	183
Failure to control	0	0	0	14	16	30	31	48	79	45	64	109
Speed too fast/conditions	0	2	2	16	26	42	9	50	59	25	78	103
Following too close	0	0	0	13	18	31	14	43	57	27	61	88
Unsafe backing	0	0	0	1	5	6	39	19	58	40	24	64
Improper turn	0	0	0	1	2	3	30	12	42	31	14	45
Disregarded traffic control	0	0	0	4	16	20	7	11	18	11	27	38
Exceed speed limit	0	1	1	3	4	7	1	6	7	4	11	15
Improper overtake	0	0	0	1	1	2	4	8	12	5	9	14
Left of center	0	0	0	0	5	5	2	4	6	2	9	11
Driver condition	0	0	0	1	5	6	1	2	3	2	7	9
Physically disabled	0	0	0	0	1	1	0	2	2	0	3	3
Other	0	0	0	5	10	15	33	22	55	38	32	70
<b>TOTAL</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>143</b>	<b>180</b>	<b>323</b>	<b>271</b>	<b>346</b>	<b>617</b>	<b>415</b>	<b>529</b>	<b>944</b>

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

## 1999 Total School Bus Crashes With and Without Driver PCCs by Severity and Urban/Rural Location

School Bus Crashes with and Without Driver PCCs	Crash Severity									Total Crashes		
	Fatal Crashes			Injury Crashes			Property Damage Crashes					
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
With PCCs	1	0	1	35	93	128	63	188	251	99	281	380
Without PCCs	2	0	2	45	100	145	100	211	311	147	311	458
<b>TOTAL</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>80</b>	<b>193</b>	<b>273</b>	<b>163</b>	<b>399</b>	<b>562</b>	<b>246</b>	<b>592</b>	<b>838</b>

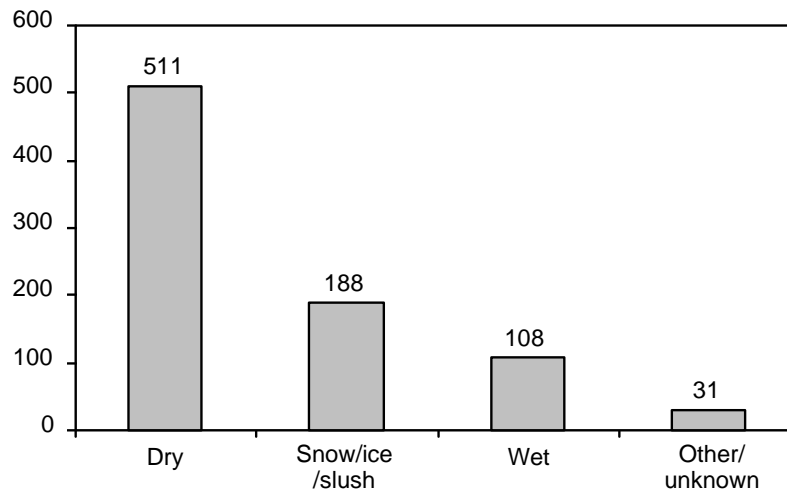
PCC = Possible Contributing Circumstance

Note: With and Without driver PCCs refers to driver PCCs for the school bus drivers only.

## 1999 School Bus Crashes by Time of Day and Day of Week

Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	TOTAL
12-1 AM	1	1	0	0	0	0	0	2
1-2 AM	0	0	0	0	0	0	1	1
2-3 AM	0	0	0	0	0	0	0	0
3-4 AM	0	1	0	0	0	0	0	1
4-5 AM	0	1	0	0	0	0	0	1
5-6 AM	0	0	1	0	0	0	0	1
6-7 AM	0	8	6	5	7	7	0	33
7-8 AM	0	33	42	40	32	25	0	172
8-9 AM	0	15	23	22	20	22	2	104
9-10 AM	0	6	7	6	5	5	1	30
10-11 AM	0	7	3	2	4	4	1	21
11-12 PM	2	7	13	9	6	10	1	48
12-1 PM	0	4	15	7	2	1	0	29
1-2 PM	0	2	7	0	1	3	1	14
2-3 PM	0	9	21	14	10	12	0	66
3-4 PM	0	46	38	34	28	29	0	175
4-5 PM	0	13	16	29	17	24	1	100
5-6 PM	0	0	3	4	4	2	2	15
6-7 PM	0	2	1	1	0	1	1	6
7-8 PM	0	1	1	0	1	2	1	6
8-9 PM	0	1	0	0	2	1	0	4
9-10 PM	1	1	0	0	1	0	1	4
10-11 PM	0	0	0	0	0	0	1	1
11-12 AM	0	0	1	0	0	0	0	1
Unknown	0	2	0	0	0	1	0	3
<b>TOTAL</b>	<b>4</b>	<b>160</b>	<b>198</b>	<b>173</b>	<b>140</b>	<b>149</b>	<b>14</b>	<b>838</b>

## 1999 School Bus Crashes by Road Conditions

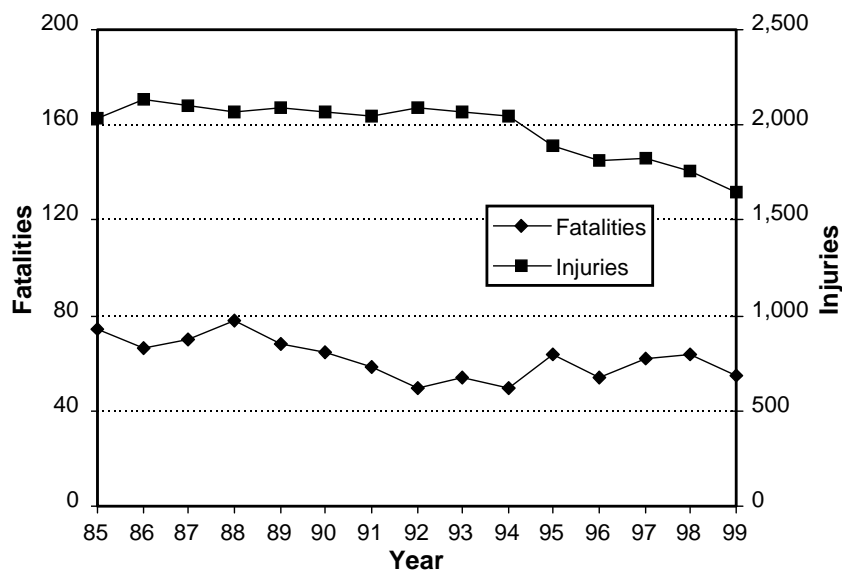


## 1999 Crashes Involving Pedestrians by Month and Severity Total Killed, Total Injured by Urban/Rural Location

Month	Fatal Crashes			Injury Crashes			Property Damage Crashes			Total Crashes			Total Persons Killed			Total Persons Injured		
	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total
Jan	2	0	2	29	84	113	0	7	7	31	91	122	2	0	2	51	90	141
Feb	1	1	2	20	83	103	0	1	1	21	85	106	1	1	2	24	95	119
Mar	3	2	5	17	103	120	0	0	0	20	105	125	3	2	5	19	111	130
Apr	2	2	4	23	117	140	2	4	6	27	123	150	2	2	4	24	120	144
May	2	0	2	20	117	137	0	2	2	22	119	141	2	0	2	22	123	145
Jun	2	3	5	22	112	134	0	4	4	24	119	143	2	3	5	26	128	154
Jul	1	2	3	32	103	135	1	5	6	34	110	144	1	2	3	42	115	157
Aug	6	1	7	25	100	125	0	3	3	31	104	135	6	1	7	32	112	144
Sep	2	3	5	28	134	162	2	5	7	32	142	174	2	3	5	32	158	190
Oct	4	1	5	26	112	138	0	0	0	30	113	143	4	1	5	31	125	156
Nov	2	4	6	23	95	118	1	3	4	26	102	128	2	5	7	27	105	132
Dec	4	5	9	21	131	152	0	3	3	25	139	164	4	5	9	22	144	166
<b>TOTAL</b>	<b>31</b>	<b>24</b>	<b>55</b>	<b>286</b>	<b>1,291</b>	<b>1,577</b>	<b>6</b>	<b>37</b>	<b>43</b>	<b>323</b>	<b>1,352</b>	<b>1,675</b>	<b>31</b>	<b>25</b>	<b>56</b>	<b>352</b>	<b>1,426</b>	<b>1,778</b>

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.

### Pedestrian Fatalities and Injuries 15 - Year Summary

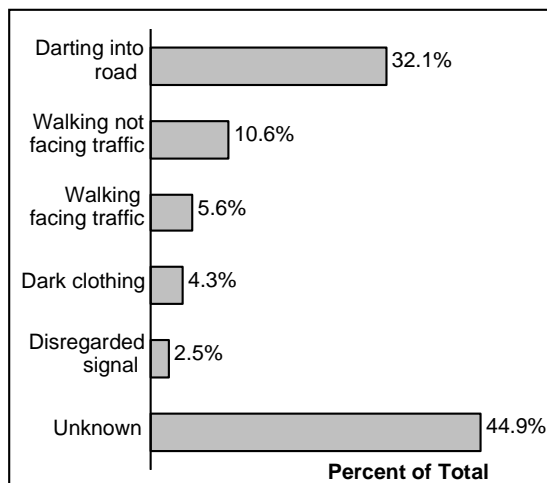


## 1999 Crashes Involving Pedestrians by Manner of Collision and Highway Class by Urban/Rural Location

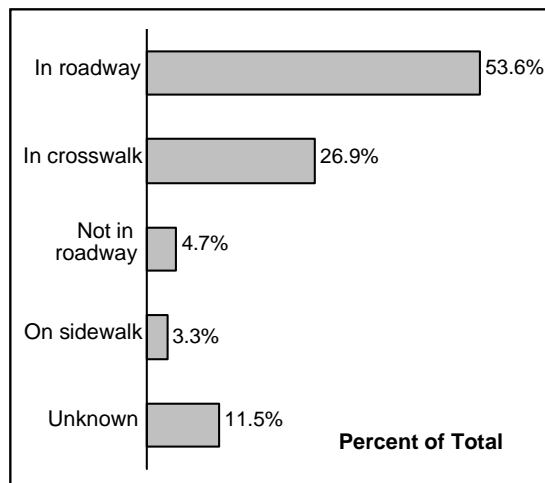
Manner of Collision	Local Street/Road			County Highway		State Highway			Interstate			TOTAL		
	Rural	Urban	Total	Rural	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
No collision w/vehicle in transit	114	826	940	36	36	63	107	170	7	5	12	220	938	1,158
Angle	26	254	280	6	6	14	20	34	1	0	1	47	274	321
Rear end	2	23	25	2	2	6	3	9	0	0	0	10	26	36
Side swipe same	4	20	24	4	4	6	2	8	0	1	1	14	23	37
Head on	2	16	18	2	2	1	6	7	0	0	0	5	22	27
Side swipe opposite	4	11	15	1	1	0	0	0	0	0	0	5	11	16
Rear to rear	1	1	2	0	0	1	1	2	0	0	0	2	2	4
Unknown	10	49	59	3	3	7	7	14	0	0	0	20	56	76
<b>TOTAL</b>	<b>163</b>	<b>1,200</b>	<b>1,363</b>	<b>54</b>	<b>54</b>	<b>98</b>	<b>146</b>	<b>244</b>	<b>8</b>	<b>6</b>	<b>14</b>	<b>323</b>	<b>1,352</b>	<b>1,675</b>

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.

### 1999 Pedestrian Actions in Crashes



### 1999 Pedestrian Locations in Crashes



## 1999 Pedestrians Involved in Crashes by Action and Location

Pedestrian Action	Pedestrian Location					TOTAL
	In roadway	In crosswalk	Not in roadway	On sidewalk	Unknown	
Darting into road	425	60	1	2	81	569
Walking not facing traffic	111	53	11	6	7	188
Walking facing traffic	40	37	10	10	3	100
Dark clothing	47	23	4	2	0	76
Disregarded signal	10	35	0	0	0	45
Unknown	318	269	58	38	113	796
<b>TOTAL</b>	<b>951</b>	<b>477</b>	<b>84</b>	<b>58</b>	<b>204</b>	<b>1,774</b>

## 1999 Crashes Involving Pedestrians by Time of Day and Day of Week

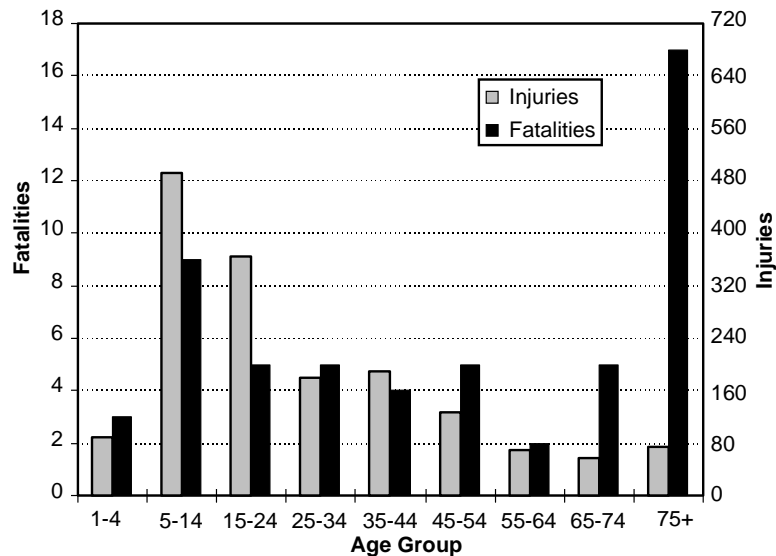
Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	TOTAL
12-1 AM	10	0	2	5	1	4	14	36
1-2 AM	7	1	1	3	5	4	5	26
2-3 AM	14	4	0	0	2	3	11	34
3-4 AM	2	0	0	0	0	0	2	4
4-5 AM	1	0	0	0	0	1	2	4
5-6 AM	0	1	4	2	2	0	0	9
6-7 AM	0	7	5	7	3	4	0	26
7-8 AM	0	15	11	18	17	11	4	76
8-9 AM	0	15	11	10	7	7	3	53
9-10 AM	1	7	9	9	8	6	5	45
10-11 AM	3	10	9	9	4	9	6	50
11-12 PM	3	11	11	6	7	9	14	61
12-1 PM	5	13	11	13	8	10	11	71
1-2 PM	7	11	18	15	9	22	19	101
2-3 PM	11	19	19	18	16	12	11	106
3-4 PM	13	36	36	46	33	42	16	222
4-5 PM	7	24	34	22	21	33	17	158
5-6 PM	14	15	27	32	32	20	13	153
6-7 PM	13	12	16	16	14	19	22	112
7-8 PM	7	11	10	7	18	10	10	73
8-9 PM	7	13	10	12	10	14	15	81
9-10 PM	13	5	7	7	12	16	10	70
10-11 PM	5	6	5	6	9	9	9	49
11-12 AM	4	3	3	3	5	10	9	37
Unknown	1	2	2	5	0	6	2	18
<b>TOTAL</b>	<b>148</b>	<b>241</b>	<b>261</b>	<b>271</b>	<b>243</b>	<b>281</b>	<b>230</b>	<b>1,675</b>

## 1999 Pedestrians Injured or Killed by Age and Light Conditions

Age	Daylight			Dark/Unlit			Dark/Lighted			Dawn			Dusk			TOTAL		
	Inj	Kill	Tot	Inj	Kill	Tot	Inj	Kill	Tot	Inj	Kill	Tot	Inj	Kill	Tot	Inj*	Kill	Tot*
1-2	17	1	18	0	0	0	1	0	1	1	0	1	1	0	1	20	1	21
3	29	2	31	0	0	0	3	0	3	0	0	0	3	0	3	35	2	37
4	25	0	25	0	0	0	4	0	4	0	0	0	5	0	5	34	0	34
5-9	205	7	212	3	0	3	25	0	25	0	0	0	11	0	11	246	7	253
10-14	181	1	182	18	1	19	28	0	28	3	0	3	16	0	16	247	2	249
15	41	0	41	3	0	3	8	0	8	1	0	1	3	0	3	56	0	56
16	25	0	25	5	0	5	6	0	6	0	0	0	1	0	1	37	0	37
17	23	0	23	6	1	7	15	0	15	0	0	0	1	0	1	45	1	46
18	20	0	20	8	0	8	15	0	15	0	0	0	0	1	1	45	1	46
19	13	0	13	4	2	6	16	0	16	0	0	0	2	0	2	36	2	38
20	14	0	14	3	0	3	12	0	12	0	0	0	0	0	0	29	0	29
21	21	0	21	4	1	5	6	0	6	0	0	0	1	0	1	33	1	34
22	16	0	16	2	0	2	12	0	12	0	0	0	2	0	2	33	0	33
23	10	0	10	2	0	2	9	0	9	0	0	0	0	0	0	21	0	21
24	13	0	13	8	0	8	7	0	7	0	0	0	1	0	1	29	0	29
25-34	88	1	89	17	4	21	69	0	69	1	0	1	4	0	4	180	5	185
35-44	117	0	117	14	1	15	52	3	55	2	0	2	3	0	3	190	4	194
45-54	82	2	84	5	2	7	33	1	34	1	0	1	6	0	6	127	5	132
55-64	49	1	50	2	1	3	13	0	13	0	0	0	5	0	5	70	2	72
65-74	42	3	45	1	1	2	11	1	12	1	0	1	2	0	2	57	5	62
75-84	46	5	51	3	2	5	7	1	8	1	0	1	1	1	2	59	9	68
85 & over	11	5	16	2	1	3	2	1	3	0	0	0	0	1	1	15	8	23
Unknown	6	0	6	1	0	1	2	0	2	0	0	0	0	0	0	9	0	9
<b>TOTAL</b>	<b>1,094</b>	<b>28</b>	<b>1,122</b>	<b>111</b>	<b>17</b>	<b>128</b>	<b>356</b>	<b>7</b>	<b>363</b>	<b>11</b>	<b>0</b>	<b>11</b>	<b>68</b>	<b>3</b>	<b>71</b>	<b>1,653*</b>	<b>55</b>	<b>1,708*</b>

\*Note: The "Total" columns include 13 injured pedestrians for whom the light condition was unknown.

## 1999 Pedestrian Fatalities and Injuries by Age Group

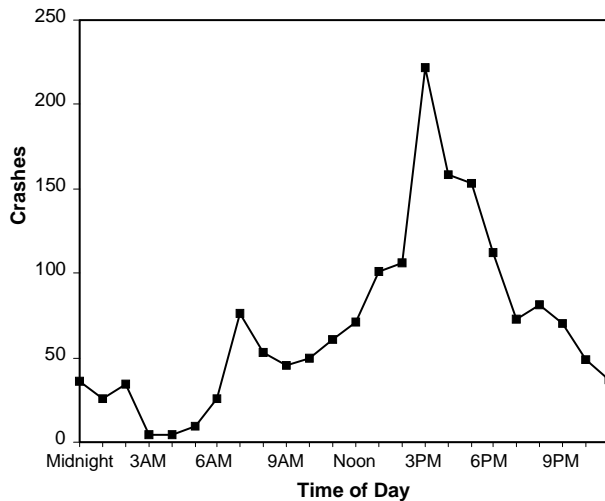


## 1999 Vehicles Involved in Pedestrian Crashes by Type and Location

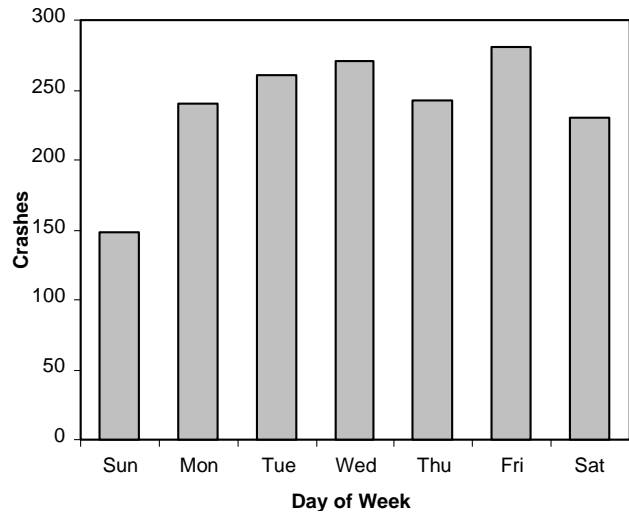
Vehicle Type	Pedestrian Location					TOTAL
	In roadway	In crosswalk	Not in roadway	On sidewalk	Unknown	
Passenger car	768	369	92	61	169	1,459
Utility truck	121	58	15	5	32	231
Straight (insert) truck	14	4	2	1	4	25
Passenger bus	10	4	0	2	2	18
Truck tractor (semi attached)	7	3	4	0	1	15
School bus	6	5	0	0	1	12
Motorcycle	4	0	3	0	2	9
Police on emergency	2	0	0	0	1	3
Snow plow	2	0	0	0	0	2
Miscellaneous	1	0	0	0	0	1
Bicycle	0	0	0	1	0	1
Unknown	96	44	6	5	14	165
<b>TOTAL</b>	<b>1,031</b>	<b>487</b>	<b>122</b>	<b>75</b>	<b>226</b>	<b>1,941</b>

Note: For multiple vehicle crashes involving pedestrians, the pedestrian is counted with each vehicle on this report. Therefore, pedestrian counts are inflated.

### 1999 Pedestrian Crashes by Time of Day



### 1999 Pedestrian Crashes by Day of Week



## 1999 Bicycle Crashes by Month and Severity Total Killed, Total Injured by Urban/Rural Location

Month	Fatal Crashes			Injury Crashes			Property Damage Crashes			Total Crashes			Total Persons Killed			Total Persons Injured		
	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total
Jan	0	0	0	0	4	4	0	0	0	0	4	4	0	0	0	0	4	4
Feb	0	0	0	3	12	15	0	1	1	3	13	16	0	0	0	3	12	15
Mar	0	0	0	6	34	40	0	5	5	6	39	45	0	0	0	6	36	42
Apr	1	1	2	10	59	69	1	4	5	12	64	76	1	1	2	10	61	71
May	1	0	1	24	119	143	0	7	7	25	126	151	1	0	1	24	122	146
Jun	1	1	2	33	168	201	1	8	9	35	177	212	1	1	2	33	180	213
Jul	1	2	3	58	191	249	1	6	7	60	199	259	1	2	3	60	198	258
Aug	2	2	4	38	169	207	1	9	10	41	180	221	2	2	4	40	171	211
Sep	1	1	2	18	143	161	1	4	5	20	148	168	1	1	2	19	144	163
Oct	0	1	1	9	76	85	0	2	2	9	79	88	0	1	1	10	80	90
Nov	3	0	3	11	52	63	0	1	1	14	53	67	3	0	3	12	53	65
Dec	0	0	0	3	31	34	0	1	1	3	32	35	0	0	0	4	31	35
<b>TOTAL</b>	<b>10</b>	<b>8</b>	<b>18</b>	<b>213</b>	<b>1,058</b>	<b>1,271</b>	<b>5</b>	<b>48</b>	<b>53</b>	<b>228</b>	<b>1,114</b>	<b>1,342</b>	<b>10</b>	<b>8</b>	<b>18</b>	<b>221</b>	<b>1,092</b>	<b>1,313</b>

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 bicycles, not just bicyclists.

## 1999 Bicycle Crashes by Time of Day and Day of Week

Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	TOTAL
12-1 AM	1	0	0	0	1	3	0	5
1-2 AM	1	0	1	1	0	0	2	5
2-3 AM	0	0	0	0	1	0	0	1
3-4 AM	0	0	0	0	0	1	0	1
4-5 AM	1	0	1	0	0	0	0	2
5-6 AM	0	0	1	1	1	0	0	3
6-7 AM	0	2	6	3	5	4	0	20
7-8 AM	2	14	16	15	15	10	1	73
8-9 AM	1	5	3	13	2	8	1	33
9-10 AM	2	2	1	4	5	1	5	20
10-11 AM	10	4	9	4	14	7	12	60
11-12 PM	9	7	6	5	9	7	11	54
12-1 PM	5	17	11	5	10	7	16	71
1-2 PM	13	14	13	3	10	16	12	81
2-3 PM	10	9	18	13	12	13	13	88
3-4 PM	8	23	24	37	26	26	17	161
4-5 PM	16	17	33	30	37	35	22	190
5-6 PM	11	21	20	25	26	27	12	142
6-7 PM	10	17	17	11	14	19	27	115
7-8 PM	12	16	17	14	11	12	10	92
8-9 PM	6	10	10	12	7	5	7	57
9-10 PM	9	3	2	5	5	3	5	32
10-11 PM	3	1	3	2	2	4	2	17
11-12 AM	2	0	2	3	1	0	2	10
Unknown	0	0	3	1	1	3	1	9
<b>TOTAL</b>	<b>132</b>	<b>182</b>	<b>217</b>	<b>207</b>	<b>215</b>	<b>211</b>	<b>178</b>	<b>1,342</b>



## 1999 Bicycle Crashes by Manner of Collision and Highway Class by Urban/Rural Location

Manner of Collision	Local Street/Road			County Highway		State Highway			Interstate			TOTAL		
	Rural	Urban	Total	Rural	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
No collision w/vehicle in transit	41	447	488	17	17	27	94	121	0	0	0	85	541	626
Angle	73	394	467	4	4	25	67	92	0	2	2	102	463	565
Side swipe same	10	33	43	3	3	9	10	19	0	0	0	22	43	65
Rear end	6	15	21	2	2	1	4	5	0	0	0	9	19	28
Head on	3	16	19	1	1	0	1	1	0	0	0	4	17	21
Side swipe opposite	2	7	9	2	2	0	0	0	0	0	0	4	7	11
Unknown	1	20	21	0	0	1	4	5	0	0	0	2	24	26
<b>TOTAL</b>	<b>136</b>	<b>932</b>	<b>1,068</b>	<b>29</b>	<b>29</b>	<b>63</b>	<b>180</b>	<b>243</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>228</b>	<b>1,114</b>	<b>1,342</b>

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.

## 1999 Bicyclists Injured or Killed by Age and Injury Severity by Sex

Age	Severity of Injury by Sex												Total Injured or Killed		
	Killed			Incapacitating			Nonincapacitating			Possible					
	F	M	Total	F	M	Total	F	M	Total	F	M	Total	F	M	Total
Under 4	0	0	0	0	0	0	0	0	0	1	1	2	1	1	2
4	0	0	0	1	0	1	2	1	3	2	2	4	5	3	8
5-9	1	0	1	7	20	27	27	59	86	10	41	51	45	120	165
10-14	1	1	2	23	30	53	54	200	254	42	117	159	120	348	468
15	0	0	0	1	5	6	9	35	44	4	18	22	14	58	72
16	0	0	0	0	5	5	3	13	16	1	12	13	4	30	34
17	0	0	0	0	1	1	1	14	15	3	8	11	4	23	27
18	0	0	0	1	1	2	3	18	21	5	5	10	9	24	33
19	0	0	0	2	1	3	3	10	13	1	13	14	6	24	30
20	0	1	1	1	2	3	2	11	13	6	3	9	9	17	26
21	0	0	0	0	3	3	9	10	19	6	5	11	15	18	33
22	0	0	0	1	1	2	2	6	8	1	7	8	4	14	18
23	0	0	0	0	1	1	2	4	6	1	4	5	3	9	12
24	0	2	2	0	1	1	2	4	6	2	4	6	4	11	15
25-34	1	1	2	5	8	13	4	49	53	13	32	45	23	90	113
35-44	0	1	1	4	12	16	16	36	52	11	35	46	31	84	115
45-54	0	3	3	3	9	12	7	32	39	4	19	23	14	63	77
55-64	1	2	3	1	5	6	4	7	11	0	4	4	6	18	24
65-74	0	2	2	0	4	4	1	3	4	1	3	4	2	12	14
75 & over	0	1	1	0	2	2	0	1	1	0	1	1	0	5	5
Unknown	0	0	0	0	0	0	3	2	5	0	1	1	3	3	6
<b>TOTAL</b>	<b>4</b>	<b>14</b>	<b>18</b>	<b>50</b>	<b>111</b>	<b>161</b>	<b>154</b>	<b>515</b>	<b>669</b>	<b>114</b>	<b>335</b>	<b>449</b>	<b>322</b>	<b>975</b>	<b>1,297</b>

## 1999 Trailer Crashes by Month and Severity Total Killed, Total Injured by Urban/Rural Location

Month	Fatal Crashes			Injury Crashes			Property Damage Crashes			Total Crashes			Total Persons Killed			Total Persons Injured		
	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total	Rur	Urb	Total
Jan	4	1	5	86	44	130	296	192	488	386	237	623	4	1	5	151	71	222
Feb	3	1	4	61	42	103	160	146	306	224	189	413	4	1	5	90	75	165
Mar	4	0	4	63	43	106	154	140	294	221	183	404	7	0	7	95	57	152
Apr	3	1	4	47	41	88	108	145	253	158	187	345	3	1	4	67	53	120
May	6	0	6	67	46	113	176	189	365	249	235	484	6	0	6	92	62	154
Jun	9	0	9	88	55	143	202	200	402	299	255	554	9	0	9	138	73	211
Jul	5	1	6	105	58	163	210	175	385	320	234	554	6	1	7	162	88	250
Aug	6	1	7	112	48	160	178	162	340	296	211	507	7	1	8	180	69	249
Sep	9	1	10	85	61	146	166	163	329	260	225	485	10	1	11	146	89	235
Oct	7	1	8	82	49	131	185	149	334	274	199	473	9	1	10	140	72	212
Nov	3	0	3	79	55	134	148	150	298	230	205	435	3	0	3	129	69	198
Dec	6	2	8	90	52	142	203	157	360	299	211	510	9	2	11	124	76	200
<b>TOTAL</b>	<b>65</b>	<b>9</b>	<b>74</b>	<b>965</b>	<b>594</b>	<b>1,559</b>	<b>2,186</b>	<b>1,968</b>	<b>4,154</b>	<b>3,216</b>	<b>2,571</b>	<b>5,787</b>	<b>77</b>	<b>9</b>	<b>86</b>	<b>1,514</b>	<b>854</b>	<b>2,368</b>

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.

## 1999 Vehicle Possible Contributing Circumstances (PCCs) for All Vehicles in Crashes by Crash Severity and Urban/Rural Location

Vehicle PCCs	Fatal			Injury			Property Damage			TOTAL		
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
Brakes	7	1	8	256	419	675	337	621	958	600	1,041	1,641
Tires	15	0	15	321	141	462	468	257	725	804	398	1,202
Steering	2	0	2	65	44	109	74	106	180	141	150	291
Turn signals	2	0	2	55	14	69	84	41	125	141	55	196
Other disabled	0	0	0	33	32	65	44	60	104	77	92	169
Head lamps	1	0	1	26	40	66	28	44	72	55	84	139
Disabled in prior crash	1	0	1	40	19	59	33	27	60	74	46	120
Stop lamps	1	0	1	30	19	49	26	17	43	57	36	93
Tail lamps	1	0	1	44	9	53	29	10	39	74	19	93
Suspension	1	0	1	24	7	31	36	19	55	61	26	87
Mirrors	0	0	0	7	12	19	24	41	65	31	53	84
Other	6	1	7	245	238	483	887	902	1,789	1,138	1,141	2,279
<b>TOTAL</b>	<b>37</b>	<b>2</b>	<b>39</b>	<b>1,146</b>	<b>994</b>	<b>2,140</b>	<b>2,070</b>	<b>2,145</b>	<b>4,215</b>	<b>3,253</b>	<b>3,141</b>	<b>6,394</b>

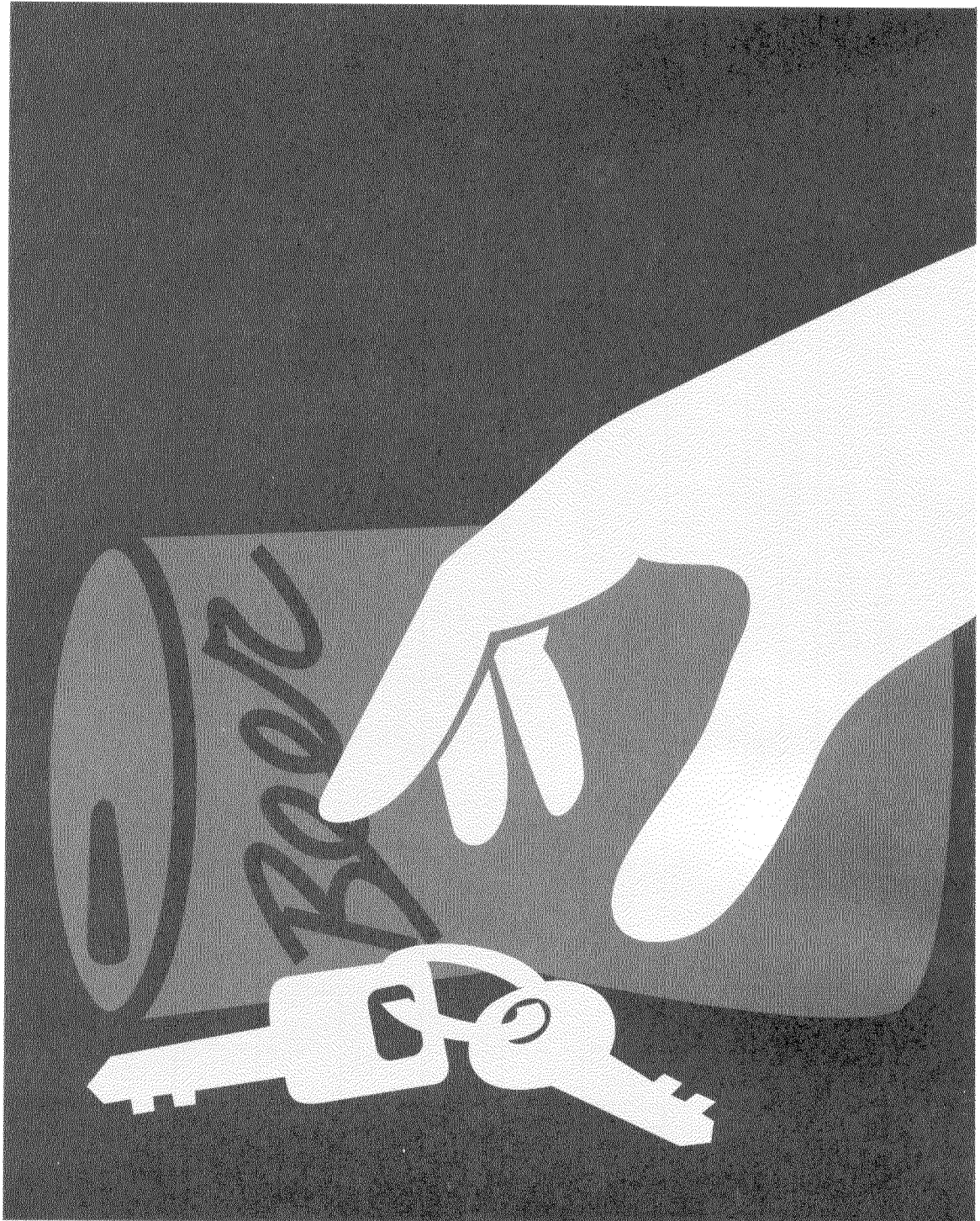
Note: The numbers in this table represent the number of times a given vehicle PCC was cited as a possible contributing circumstance for a vehicle in a crash. These numbers do not represent numbers of crashes.

Of the 130,950 total crashes, 5,967 (4.6%) had vehicle PCCs cited for at least one vehicle in the crash. Of the 674 fatal crashes, 32 (4.8%) had vehicle PCCs cited. Of the 41,345 injury crashes, 1,945 (4.7%) had vehicle PCCs cited.

# V. ALCOHOL

This section contains information about alcohol involvement in crashes, including:

- Ability Impaired and Not Impaired
- Alcohol Concentration
- Drinking Drivers by Age, County and Conditions
- Highway Class and Drinking Drivers
- Time of Day and Day of Week Alcohol Crashes



## 1999 Drinking Drivers (Ability Impaired and Not Impaired) in Crashes by County and Age

County	Driver's Age																			Total HBD Drivers	Total HBD Crashes
	10-14	15	16	17	18	19	20	21	22	23	24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unk		
Adams	0	0	0	0	3	2	1	2	1	4	1	11	15	8	3	2	0	0	0	53	52
Ashland	0	0	0	1	2	1	0	2	0	0	0	10	5	3	0	0	0	0	0	24	24
Barron	0	1	1	2	3	0	4	5	1	3	3	20	11	11	3	1	0	0	0	69	68
Bayfield	0	0	1	0	1	1	1	1	2	0	1	3	2	2	1	0	0	0	0	16	16
Brown	1	1	3	8	10	10	20	23	17	15	16	132	99	30	6	3	0	0	0	394	385
Buffalo	0	0	1	1	2	8	0	4	3	2	5	10	8	2	0	1	0	0	0	47	45
Burnett	0	0	0	0	2	1	3	1	0	1	0	13	11	6	3	3	0	0	0	44	44
Calumet	0	0	1	1	2	1	2	1	2	2	1	9	12	6	2	2	0	0	0	44	43
Chippewa	0	0	0	2	4	7	6	5	6	3	1	27	30	14	0	1	1	0	0	107	106
Clark	0	0	1	1	2	6	1	3	3	4	0	15	8	7	2	1	2	0	0	56	56
Columbia	0	0	3	0	5	7	7	9	6	6	5	35	24	10	5	3	1	0	0	126	124
Crawford	0	0	1	1	3	2	1	3	1	0	0	10	11	3	1	0	0	0	0	37	37
Dane	0	0	10	13	17	26	16	45	43	31	35	208	169	67	20	7	3	0	2	712	690
Dodge	0	0	2	6	4	4	6	11	7	5	2	36	29	15	2	1	0	0	0	130	127
Door	0	0	1	1	1	1	2	4	6	6	1	12	12	3	2	2	0	0	0	54	53
Douglas	0	0	1	4	3	6	1	4	7	1	2	27	18	9	3	1	0	0	1	88	84
Dunn	0	1	3	2	8	4	5	2	6	5	2	17	17	10	1	1	1	0	0	85	84
Eau Claire	0	1	2	2	3	6	10	11	6	11	6	33	20	19	2	1	0	0	0	133	131
Florence	0	0	1	0	0	0	0	0	0	1	0	4	5	2	0	0	0	0	0	13	13
Fond du Lac	1	0	2	2	6	11	10	16	7	5	4	29	34	21	6	2	1	0	1	158	155
Forest	0	1	1	0	0	2	1	1	0	2	1	7	5	2	0	0	0	0	0	23	23
Grant	0	0	1	6	2	2	5	7	9	2	2	22	11	7	1	1	1	0	0	79	77
Green	0	0	1	1	3	1	0	3	7	2	3	23	23	6	1	0	0	0	1	75	75
Green Lake	0	0	2	0	3	1	0	3	1	0	0	10	5	5	1	0	0	0	0	31	31
Iowa	0	0	0	1	1	3	4	1	3	1	1	15	12	5	0	0	0	0	0	47	46
Iron	0	0	1	0	0	0	1	1	0	0	2	7	5	0	0	1	0	0	0	18	18
Jackson	0	0	0	1	1	1	5	1	1	2	3	10	7	6	2	0	1	0	0	41	41
Jefferson	0	1	1	2	2	12	3	3	8	5	3	28	27	10	9	3	1	0	0	118	117
Juneau	0	0	0	2	3	3	5	3	1	4	1	15	18	5	2	0	0	0	0	62	61
Kenosha	1	0	0	3	5	12	12	12	11	13	9	96	91	26	8	3	1	0	1	304	299
Kewaunee	0	0	1	0	2	2	1	0	2	0	1	5	6	1	1	0	0	0	0	22	22
La Crosse	0	0	1	4	3	10	10	12	14	11	5	46	45	14	5	1	1	0	1	183	178
Lafayette	0	0	0	1	1	2	1	2	6	1	1	15	11	2	0	0	0	0	0	43	43
Langlade	0	0	0	1	0	0	4	0	3	1	3	11	12	6	1	0	0	0	0	42	42
Lincoln	0	0	0	2	2	1	2	2	2	0	2	8	22	5	7	3	0	0	0	58	56
Manitowoc	0	1	0	2	5	5	10	14	8	2	12	45	37	14	8	2	0	0	0	165	161

Continued

## 1999 Drinking Drivers (Ability Impaired and Not Impaired) in Crashes by County and Age

County	Driver's Age																			Total HBD Drivers	Total HBD Crashes
	10-14	15	16	17	18	19	20	21	22	23	24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unk		
Marathon	1	0	0	5	8	6	6	7	11	17	7	50	44	23	11	3	2	0	0	201	196
Marinette	0	0	0	1	4	3	5	5	2	1	1	19	21	15	6	3	0	0	0	86	84
Marquette	0	0	0	1	1	0	3	1	2	2	2	16	8	5	0	1	0	0	0	42	42
Menominee	0	0	0	0	0	0	1	2	0	0	0	5	1	0	1	0	0	0	0	10	9
Milwaukee	0	1	3	4	21	24	22	38	30	26	35	295	284	143	41	15	8	0	3	993	979
Monroe	0	0	0	3	1	2	2	3	4	2	2	21	14	12	1	3	0	0	0	70	70
Oconto	0	0	0	1	3	4	3	5	3	6	0	17	25	8	4	0	0	0	0	79	77
Oneida	0	0	0	0	2	5	5	3	1	2	1	8	14	9	2	0	1	0	0	53	53
Outagamie	0	0	0	6	12	10	7	17	14	8	6	63	47	25	10	2	1	0	0	228	222
Ozaukee	0	0	0	0	4	4	1	2	6	1	4	19	14	5	4	6	1	0	0	71	70
Pepin	0	0	0	3	0	0	1	1	0	0	0	2	3	1	1	0	0	0	0	12	12
Pierce	0	1	2	3	4	2	2	10	5	2	3	12	14	3	2	1	0	0	0	66	64
Polk	0	1	0	0	5	3	6	2	7	5	0	26	21	7	6	3	0	0	0	92	90
Portage	0	0	1	6	5	5	6	12	6	7	4	26	29	9	4	3	0	0	0	123	121
Price	1	0	0	3	2	0	1	0	0	0	0	1	4	4	1	0	1	0	0	18	17
Racine	0	0	1	6	8	9	9	16	14	11	3	81	86	38	14	4	3	0	1	304	301
Richland	1	0	0	1	2	2	4	1	1	2	1	12	11	0	0	1	0	0	0	39	39
Rock	0	0	3	15	14	15	15	22	10	16	16	96	79	30	13	3	6	0	1	354	343
Rusk	0	0	0	0	4	2	2	1	3	3	2	3	6	2	1	1	1	0	0	31	30
St. Croix	0	0	3	1	4	9	5	10	7	7	6	38	22	9	3	2	0	0	0	126	124
Sauk	0	0	2	3	3	8	4	11	6	6	4	45	32	13	6	1	1	0	0	145	144
Sawyer	0	0	1	0	1	2	5	2	2	1	1	14	11	8	1	2	0	0	1	52	52
Shawano	0	0	1	1	6	2	4	7	0	1	6	32	20	7	5	0	0	0	0	92	90
Sheboygan	0	0	1	4	8	7	7	8	1	5	6	41	32	13	3	0	1	0	0	137	133
Taylor	0	0	1	2	1	2	2	3	1	3	0	9	4	4	0	0	0	0	0	32	31
Trempealeau	0	0	1	1	3	3	4	1	1	3	1	17	9	3	0	0	1	0	0	48	46
Vernon	0	1	0	1	1	0	1	4	3	1	2	11	11	3	6	0	0	0	0	45	44
Vilas	0	0	0	2	0	2	1	0	2	2	3	20	14	7	4	0	2	0	0	59	59
Walworth	0	0	4	3	6	5	8	10	3	9	9	47	43	19	4	2	0	0	0	172	168
Washburn	0	0	0	0	0	4	1	3	1	0	1	7	9	3	1	1	1	0	0	32	32
Washington	0	0	0	2	4	5	8	10	11	6	6	41	48	7	9	3	2	0	1	163	161
Waukesha	0	0	0	5	6	7	11	13	19	9	13	80	89	43	10	8	0	0	0	313	306
Waupaca	0	0	2	2	2	5	5	7	9	2	4	31	26	12	3	1	0	0	0	111	109
Waushara	0	0	0	1	1	3	2	0	0	0	2	11	6	5	0	0	0	0	0	31	31
Winnebago	0	0	0	3	3	11	12	12	12	8	18	93	51	19	7	3	3	1	0	256	249
Wood	0	1	1	0	4	4	7	7	9	4	4	30	22	7	4	0	0	0	0	104	103
TOTAL	6	12	70	162	267	336	348	473	406	329	307	2,363	2,051	883	296	118	49	1	14	8,491	8,328

HBD = Had Been Drinking

Unk = Unknown

Note: These figures include drivers whose ability was noted as "impaired" or "not impaired".

### 1999 Alcohol-Related Crashes by County and Highway Class by Severity, Total Killed, Total Injured

County	Local Street/Road				County Highway				State Highway				Interstate System				TOTAL				Persons Killed	Persons Injured
	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot		
Adams	1	11	14	26	1	8	6	15	1	3	7	11	0	0	0	0	3	22	27	52	4	31
Ashland	0	5	6	11	0	3	1	4	1	4	5	10	0	0	0	0	1	12	12	25	1	19
Barron	0	16	24	40	1	9	3	13	1	10	4	15	0	0	0	0	2	35	31	68	2	47
Bayfield	0	4	2	6	0	1	2	3	0	3	4	7	0	0	0	0	0	8	8	16	0	13
Brown	1	112	101	214	3	22	20	45	1	58	59	118	0	2	9	11	5	194	189	388	5	271
Buffalo	0	9	2	11	1	10	4	15	2	10	7	19	0	0	0	0	3	29	13	45	4	49
Burnett	0	7	7	14	2	8	3	13	2	11	4	17	0	0	0	0	4	26	14	44	4	42
Calumet	1	12	6	19	0	5	1	6	2	10	6	18	0	0	0	0	3	27	13	43	3	41
Chippewa	2	17	20	39	3	19	10	32	0	18	19	37	0	0	0	0	5	54	49	108	5	73
Clark	1	11	15	27	1	10	7	18	1	4	6	11	0	0	0	0	3	25	28	56	3	31
Columbia	0	22	14	36	1	20	12	33	1	27	22	50	0	2	3	5	2	71	51	124	2	106
Crawford	1	3	10	14	0	2	3	5	1	9	8	18	0	0	0	0	2	14	21	37	2	22
Dane	6	247	206	459	3	40	29	72	5	85	66	156	0	4	20	24	14	376	321	711	15	567
Dodge	1	23	28	52	2	20	5	27	1	29	19	49	0	0	0	0	4	72	52	128	5	111
Door	1	15	12	28	0	7	4	11	2	6	6	14	0	0	0	0	3	28	22	53	3	34
Douglas	0	27	14	41	0	9	5	14	3	9	15	27	0	1	1	2	3	46	35	84	3	68
Dunn	0	17	17	34	1	13	8	22	2	12	10	24	0	3	3	6	3	45	38	86	3	74
Eau Claire	0	37	44	81	0	20	11	31	2	7	9	18	0	2	1	3	2	66	65	133	2	85
Florence	0	0	2	2	2	2	0	4	2	5	0	7	0	0	0	0	4	7	2	13	5	15
Fond du Lac	1	37	39	77	3	19	10	32	2	23	22	47	0	0	0	0	6	79	71	156	6	108
Forest	2	5	7	14	0	0	2	2	0	0	7	7	0	0	0	0	2	5	16	23	2	10
Grant	0	12	22	34	0	10	6	16	2	11	14	27	0	0	0	0	2	33	42	77	2	43
Green	1	12	16	29	1	8	8	17	2	16	11	29	0	0	0	0	4	36	35	75	4	57
Green Lake	0	3	7	10	0	5	9	14	0	3	4	7	0	0	0	0	0	11	20	31	0	13
Iowa	1	4	7	12	0	4	10	14	0	11	9	20	0	0	0	0	1	19	26	46	1	23
Iron	0	0	3	3	1	1	0	2	2	7	4	13	0	0	0	0	3	8	7	18	3	10
Jackson	0	5	8	13	2	3	1	6	1	9	6	16	1	4	1	6	4	21	16	41	5	34
Jefferson	1	20	29	50	4	15	15	34	1	19	9	29	1	3	1	5	7	57	54	118	8	90
Juneau	0	8	10	18	2	12	4	18	1	16	6	23	1	0	1	2	4	36	21	61	4	62
Kenosha	1	85	71	157	4	33	22	59	3	44	35	82	0	5	2	7	8	167	130	305	8	248
Kewaunee	0	7	4	11	0	7	3	10	0	0	2	2	0	0	0	0	0	14	9	23	0	15
La Crosse	0	44	49	93	2	24	14	40	0	24	21	45	0	1	1	2	2	93	85	180	2	138
Lafayette	1	8	2	11	1	9	7	17	1	9	5	15	0	0	0	0	3	26	14	43	3	34
Langlade	1	7	7	15	1	7	1	9	0	13	5	18	0	0	0	0	2	27	13	42	2	39
Lincoln	0	11	5	16	0	5	9	14	3	17	6	26	0	0	0	0	3	33	20	56	3	50
Manitowoc	1	42	35	78	3	18	8	29	1	25	19	45	0	3	7	10	5	88	69	162	5	124

Ftl = Fatal      Inj = Injury      PD = Property Damage      Tot = Total  
Continued

## 1999 Alcohol-Related Crashes by County and Highway Class by Severity, Total Killed, Total Injured

County	Local Street/Road				County Highway				State Highway				Interstate System				TOTAL				Persons Killed	Persons Injured
	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot		
Marathon	2	40	49	91	3	30	16	49	0	21	30	51	0	5	2	7	5	96	97	198	5	145
Marinette	1	19	11	31	0	21	6	27	1	17	8	26	0	0	0	0	2	57	25	84	2	80
Marquette	0	7	3	10	1	16	8	25	0	2	3	5	0	1	1	2	1	26	15	42	1	32
Menominee	0	0	0	0	1	2	0	3	3	2	2	7	0	0	0	0	4	4	2	10	5	15
Milwaukee	3	347	378	728	0	0	0	0	3	90	74	167	1	56	64	121	7	493	516	1,016	8	773
Monroe	0	8	11	19	0	10	4	14	2	17	13	32	0	3	2	5	2	38	30	70	2	53
Oconto	1	15	7	23	0	22	6	28	4	14	8	26	0	0	0	0	5	51	21	77	5	85
Oneida	2	19	12	33	0	1	5	6	1	8	7	16	0	0	0	0	3	28	24	55	3	37
Outagamie	0	47	67	114	5	21	12	38	5	32	37	74	0	0	0	0	10	100	116	226	10	156
Ozaukee	0	18	22	40	0	4	8	12	0	6	7	13	0	2	3	5	0	30	40	70	0	35
Pepin	0	3	1	4	0	3	2	5	0	1	2	3	0	0	0	0	0	7	5	12	0	8
Pierce	0	8	13	21	0	5	8	13	3	20	7	30	0	0	0	0	3	33	28	64	3	48
Polk	2	14	19	35	2	17	4	23	2	19	11	32	0	0	0	0	6	50	34	90	6	91
Portage	1	26	25	52	1	16	11	28	1	14	22	37	1	2	3	6	4	58	61	123	5	83
Price	0	4	3	7	0	1	3	4	0	6	0	6	0	0	0	0	0	11	6	17	0	21
Racine	2	87	75	164	2	22	8	32	2	57	39	98	0	7	5	12	6	173	127	306	6	257
Richland	0	5	4	9	0	11	3	14	0	10	6	16	0	0	0	0	0	26	13	39	0	29
Rock	4	93	97	194	1	23	14	38	6	60	39	105	0	1	8	9	11	177	158	346	11	297
Rusk	1	6	3	10	0	5	2	7	1	8	4	13	0	0	0	0	2	19	9	30	2	30
St. Croix	0	21	21	42	2	15	14	31	1	13	15	29	3	11	10	24	6	60	60	126	6	80
Sauk	2	27	27	56	3	12	10	25	0	40	23	63	0	0	0	0	5	79	60	144	5	118
Sawyer	0	14	5	19	3	14	7	24	0	6	6	12	0	0	0	0	3	34	18	55	4	50
Shawano	1	15	14	30	4	21	7	32	2	13	14	29	0	0	0	0	7	49	35	91	7	68
Sheboygan	2	33	32	67	0	22	9	31	2	19	12	33	0	1	2	3	4	75	55	134	4	110
Taylor	0	4	8	12	1	5	2	8	0	6	5	11	0	0	0	0	1	15	15	31	1	29
Trempealeau	1	8	14	23	0	7	3	10	0	9	5	14	0	0	0	0	1	24	22	47	1	32
Vernon	1	11	5	17	0	7	1	8	0	11	8	19	0	0	0	0	1	29	14	44	1	45
Vilas	1	17	6	24	0	8	3	11	1	16	7	24	0	0	0	0	2	41	16	59	3	69
Walworth	3	33	29	65	4	27	16	47	2	29	25	56	0	2	1	3	9	91	71	171	14	151
Washburn	0	9	3	12	0	4	3	7	0	8	6	14	0	0	0	0	0	21	12	33	0	31
Washington	0	43	35	78	1	7	11	19	3	31	30	64	0	0	0	0	4	81	76	161	4	107
Waukesha	3	85	92	180	0	23	9	32	3	39	28	70	0	8	19	27	6	155	148	309	6	232
Waupaca	1	27	28	56	0	15	10	25	1	18	10	29	0	0	0	0	2	60	48	110	2	81
Waushara	0	4	3	7	1	11	2	14	3	2	4	9	0	1	1	2	4	18	10	32	4	20
Winnebago	1	55	62	118	1	26	10	37	2	49	44	95	0	0	0	0	4	130	116	250	4	188
Wood	1	32	27	60	0	14	5	19	0	14	10	24	0	0	0	0	1	60	42	103	1	80
TOTAL	61	2,109	2,076	4,246	81	876	505	1,462	103	1,294	1,032	2,429	8	130	171	309	253	4,409	3,784	8,446	270	6,563

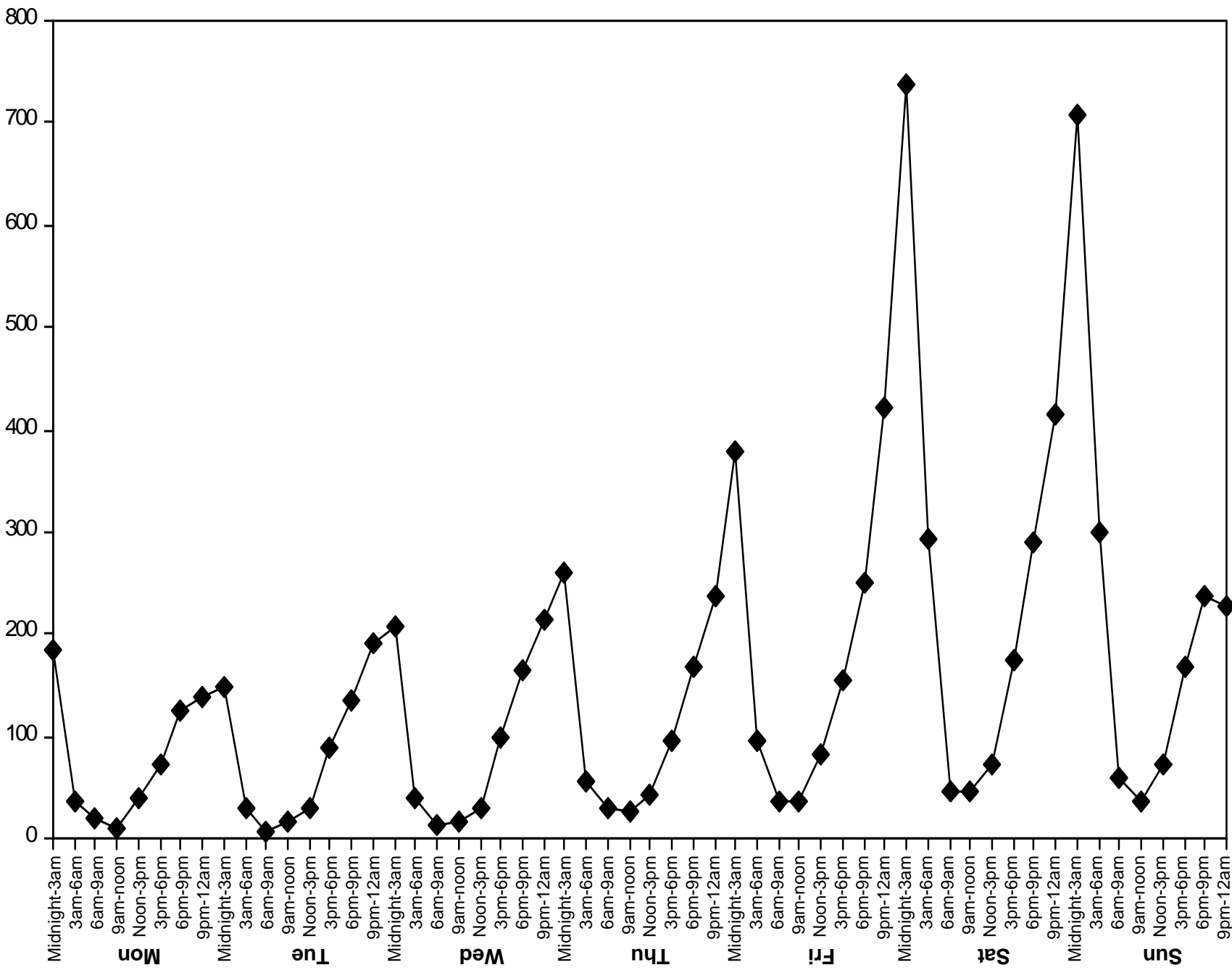
Note: A crash is considered to be an "Alcohol-Related" crash when a driver, bicyclist or pedestrian is listed on a police or coroner report as drinking alcohol prior to the crash.

**1999 Alcohol-Related Crashes  
by Time of Day and Day of Week  
Total Injured - Total Killed**

Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	TOTAL	Persons Killed	Persons Injured
12-1 AM	178	69	50	62	64	107	199	729	16	554
1-2 AM	194	50	48	80	101	135	203	811	25	546
2-3 AM	335	65	51	67	94	137	337	1,086	38	772
3-4 AM	160	20	13	25	32	43	181	474	18	350
4-5 AM	94	10	10	8	12	25	72	231	6	162
5-6 AM	44	5	5	6	13	28	39	140	6	96
6-7 AM	28	11	7	6	8	12	21	93	3	76
7-8 AM	19	4	0	4	10	11	13	61	2	52
8-9 AM	13	6	1	4	10	12	12	58	1	61
9-10 AM	6	3	5	6	6	14	11	51	0	43
10-11 AM	9	5	7	3	7	7	12	50	3	48
11-12 PM	20	1	4	7	12	16	22	82	4	75
12-1 PM	20	12	7	13	15	30	23	120	3	95
1-2 PM	18	15	6	5	13	18	18	93	6	94
2-3 PM	34	12	18	10	14	33	33	154	8	136
3-4 PM	34	16	26	25	16	41	54	212	8	185
4-5 PM	49	22	30	28	36	44	53	262	7	227
5-6 PM	85	36	33	46	45	71	67	383	15	344
6-7 PM	85	45	45	53	57	76	77	438	14	381
7-8 PM	75	41	47	53	50	77	104	447	11	365
8-9 PM	77	40	44	60	62	98	108	489	12	400
9-10 PM	82	36	67	81	71	121	112	570	20	421
10-11 PM	73	50	61	62	77	135	145	603	15	455
11-12 AM	72	51	62	70	89	164	157	665	11	535
Unknown	33	12	14	9	13	21	42	144	18	90
<b>TOTAL</b>	<b>1,837</b>	<b>637</b>	<b>661</b>	<b>793</b>	<b>927</b>	<b>1,476</b>	<b>2,115</b>	<b>8,446</b>	<b>270</b>	<b>6,563</b>



# 1999 Alcohol-Related Crashes by Time of Day and Day of Week

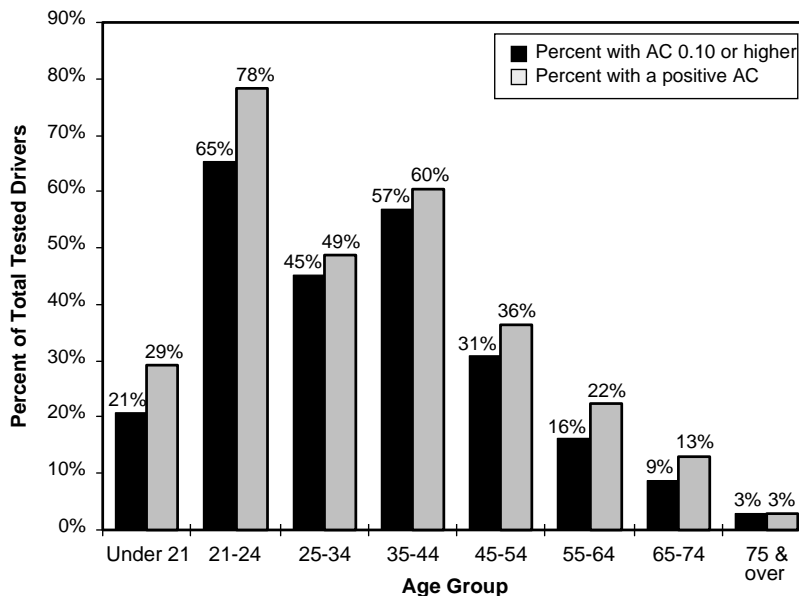


## 1999 Drivers in All Fatal Crashes by Age and Alcohol Concentration (AC) Test Results

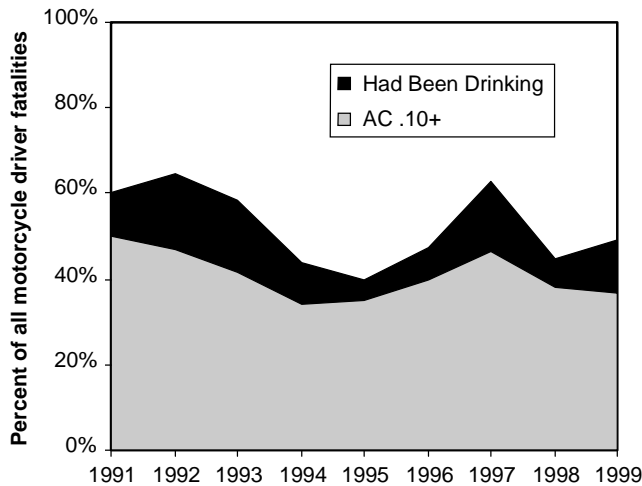
Age	Total Drivers			Alcohol Concentration of Killed Drivers																					
				Killed Drivers			Tested			Negative			Positive			.001-.049			.05-.099			.10+			
	F	M	Unk	Tot	F	M	Tot	F	M	Tot	F	M	Tot	F	M	Tot	F	M	Tot	F	M	Tot	F	M	Tot
14 & under	0	1	0	1	0	1	1	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
15	0	3	0	3	0	1	1	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
16	7	21	0	28	1	7	8	1	7	8	1	6	7	0	1	1	0	1	1	0	0	0	0	0	0
17	11	11	0	22	4	4	8	4	4	8	4	3	7	0	1	1	0	0	0	0	0	0	0	1	1
18	14	29	0	43	5	12	17	4	10	14	2	9	11	2	1	3	1	0	1	1	0	1	1	0	1
19	9	23	0	32	6	9	15	5	8	13	3	2	5	2	6	8	0	0	0	0	2	2	2	4	6
20	11	12	0	23	8	6	14	8	5	13	7	2	9	1	3	4	0	0	0	0	0	0	0	1	3
21	9	27	0	36	3	14	17	3	11	14	1	1	2	2	10	12	0	0	0	0	1	1	2	9	11
22	5	25	0	30	2	17	19	2	13	15	1	2	3	1	11	12	0	1	1	0	2	2	1	8	9
23	8	21	0	29	5	11	16	5	11	16	4	1	5	1	10	11	0	0	0	0	3	3	1	7	8
24	3	16	0	19	0	11	11	0	10	10	0	2	2	0	8	8	0	0	0	0	0	0	0	8	8
25-34	47	146	0	193	23	64	87	22	60	82	15	27	42	7	33	40	0	0	0	0	3	3	7	30	37
35-44	45	144	0	189	22	65	87	19	62	81	11	21	32	8	41	49	0	0	0	0	3	3	8	38	46
45-54	30	119	0	149	14	48	62	13	42	55	11	24	35	2	18	20	0	1	1	1	1	2	1	16	17
55-64	24	78	0	102	11	40	51	11	38	49	11	27	38	0	11	11	0	2	2	0	1	1	0	8	8
65-74	21	28	0	49	9	17	26	7	16	23	7	13	20	0	3	3	0	1	1	0	0	0	0	2	2
75-84	17	39	0	56	11	28	39	7	19	26	7	18	25	0	1	1	0	0	0	0	0	0	0	1	1
85 & over	4	18	0	22	3	13	16	2	8	10	2	8	10	0	0	0	0	0	0	0	0	0	0	0	0
Unknown	0	4	20	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>265</b>	<b>765</b>	<b>20</b>	<b>1,050</b>	<b>127</b>	<b>368</b>	<b>495</b>	<b>113</b>	<b>326</b>	<b>439</b>	<b>87</b>	<b>168</b>	<b>255</b>	<b>26</b>	<b>158</b>	<b>184</b>	<b>1</b>	<b>6</b>	<b>7</b>	<b>2</b>	<b>16</b>	<b>18</b>	<b>23</b>	<b>136</b>	<b>159</b>

Note: "Drivers" includes motorcycle and moped drivers.

### 1999 Alcohol Concentrations (AC) of Killed Drivers by Age Group



## 1991-1999 Motorcycle Driver Fatalities by Alcohol Concentration (AC) Test Results



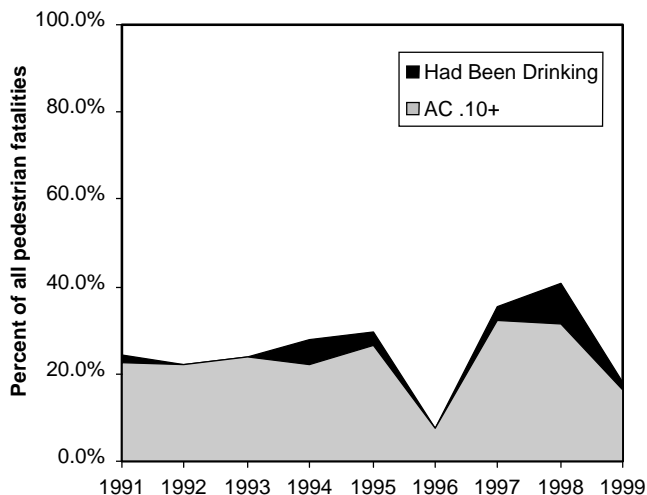
Year	Motorcycle Driver Fatalities	Alcohol Concentration		
		Negative or Unknown	.01-.099	.10+
1991	70	28	7	35
1992	34	12	6	16
1993	36	15	6	15
1994	50	28	5	17
1995	40	24	2	14
1996	40	21	3	16
1997	54	20	9	25
1998	58	32	4	22
1999	57	29	7	21

## Drinking Rates for Drivers, Pedestrians and Bicyclists in Crashes

Year	Drivers of All Vehicles Drinking Rate	Motorcycle Driver Drinking Rate	Pedestrian Drinking Rate	Bicyclist Drinking Rate
1991	53	200	77	24
1992	51	175	76	25
1993	48	167	77	22
1994	41	154	86	16
1995	41	130	81	23
1996	41	157	79	24
1997	40	156	93	24
1998	40	149	89	26
1999	39	140	68	21

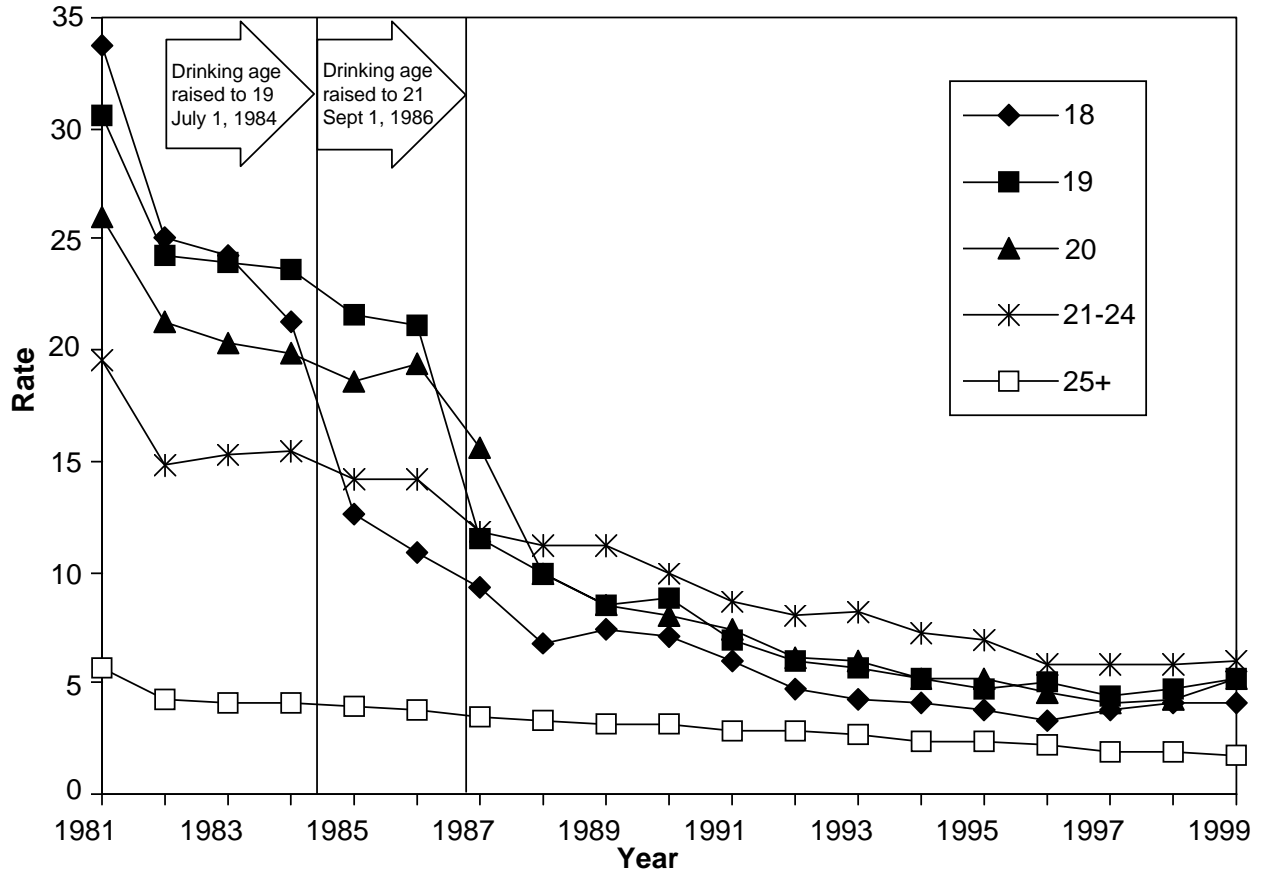
Drinking Rate = Drinking drivers, pedestrians or bicyclists per 1,000 drivers, pedestrians or bicyclists in crashes.

## 1991-1999 Pedestrian Fatalities by Alcohol Concentration (AC) Test Results



Year	Pedestrian Fatalities	Alcohol Concentration		
		Negative or Unknown	.01-.099	.10+
1991	58	44	1	13
1992	50	39	0	11
1993	54	41	0	13
1994	50	36	3	11
1995	64	45	2	17
1996	54	50	0	4
1997	62	40	2	20
1998	64	38	6	20
1999	55	45	1	9

## Crash Rate for Drinking Drivers - 19-Year Summary Ages 18, 19, 20, 21-24, 25+

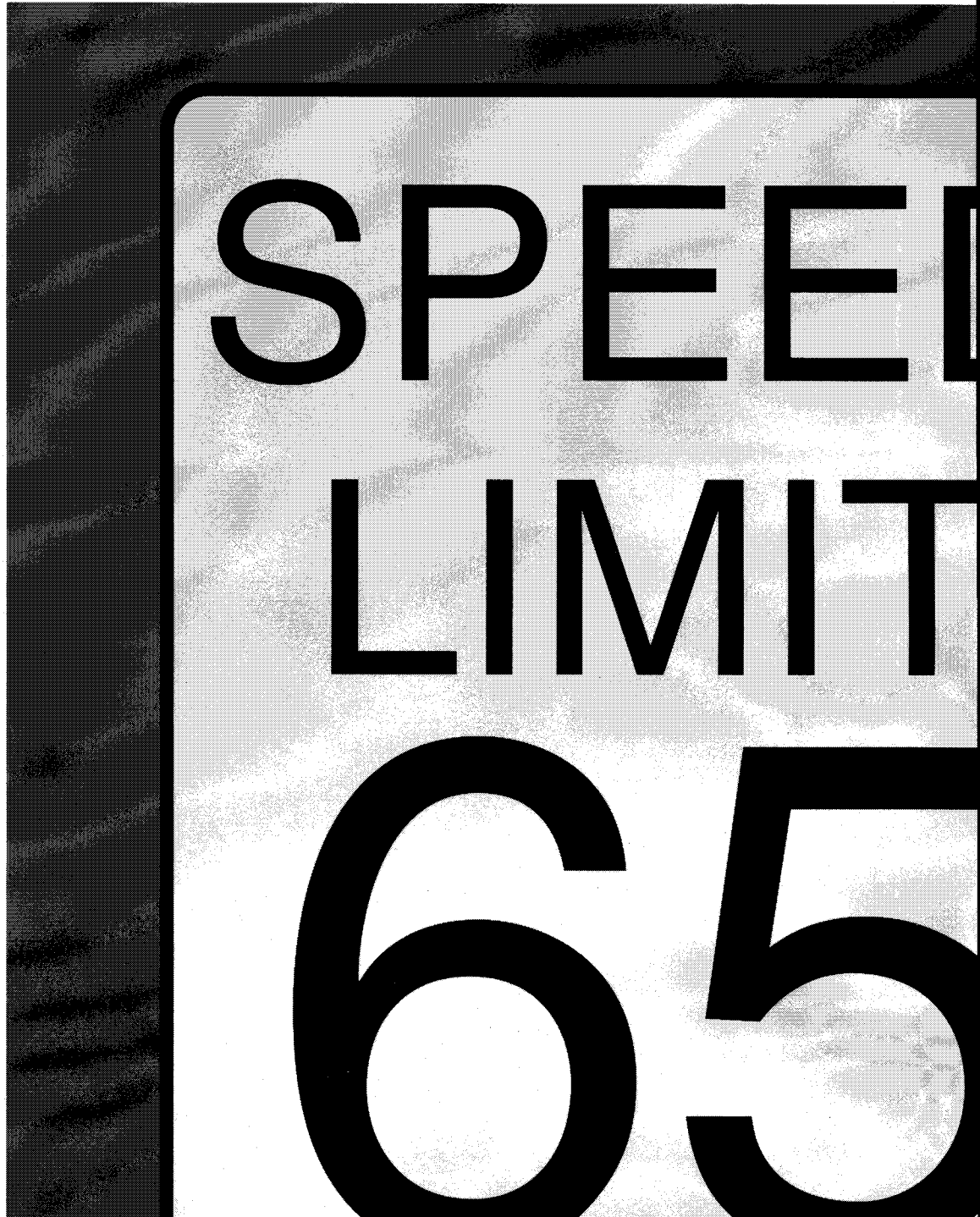


**Drinking Driver Crash Rate**

Year	18	19	20	21-24	25+
1981	33.78	30.66	26.04	19.62	5.64
1982	25.00	24.30	21.34	14.89	4.18
1983	24.35	23.99	20.37	15.22	4.17
1984	21.34	23.63	19.93	15.40	4.09
1985	12.60	21.57	18.63	14.26	3.90
1986	10.95	21.05	19.46	14.16	3.77
1987	9.27	11.53	15.68	11.86	3.42
1988	6.83	9.93	9.86	11.16	3.26
1989	7.47	8.50	8.55	11.20	3.22
1990	7.05	8.79	8.10	9.95	3.19
1991	6.06	6.99	7.34	8.67	2.86
1992	4.72	6.06	6.08	8.09	2.82
1993	4.25	5.63	5.99	8.18	2.69
1994	4.09	5.21	5.26	7.25	2.43
1995	3.73	4.75	5.16	6.95	2.40
1996	3.33	5.06	4.64	5.87	2.13
1997	3.80	4.40	4.04	5.86	1.96
1998	4.12	4.75	4.31	5.87	1.86
1999	4.10	5.14	5.20	5.95	1.81

Note: Crash rate = Drivers in crashes per 1,000 licensed drivers.

**VI.  
SPEED-  
RELATED  
CRASHES**



## 1999 Speed-Related Crashes

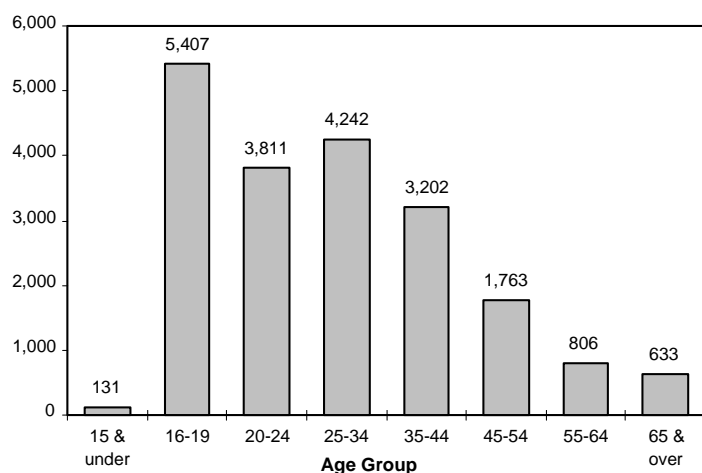
In 1999, speed was listed as a contributing cause in 15.5% of all crashes and in 25.2% of all fatal crashes. A “speed-related crash” is defined as a crash where at least one driver involved in the crash received a citation for speeding or was listed on the accident report as “exceeding speed limit” or “speed too fast/condition.” Some crashes involved both speed and alcohol; those crashes are included in both the speed-related crash tables and the alcohol-related crash tables.

### 1999 Drivers “Driving Too Fast” in Crashes by Age, Sex and Crash Severity

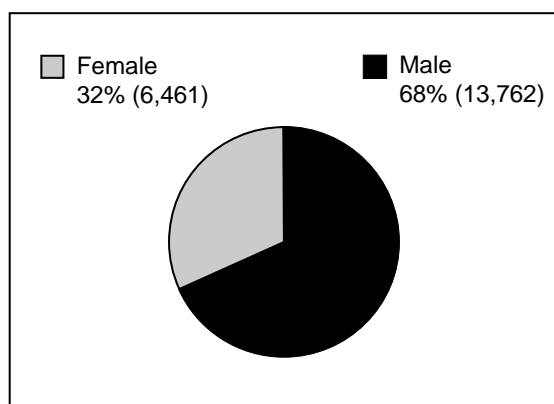
Age	Fatal Crashes			Injury Crashes			Property Damage Crashes			Total Crashes		
	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total
14 & under	0	0	0	9	21	30	7	15	22	16	36	52
15	0	1	1	15	26	41	9	28	37	24	55	79
16	5	6	11	261	394	655	272	570	842	538	970	1,508
17	1	5	6	199	336	535	257	608	865	457	949	1,406
18	3	6	9	189	407	596	239	551	790	431	964	1,395
19	3	8	11	128	327	455	190	442	632	321	777	1,098
20-24	5	42	47	454	1,104	1,558	662	1,544	2,206	1,121	2,690	3,811
25-34	3	28	31	533	1,145	1,678	828	1,705	2,533	1,364	2,878	4,242
35-44	3	24	27	454	844	1,298	638	1,239	1,877	1,095	2,107	3,202
45-54	1	18	19	229	441	670	361	713	1,074	591	1,172	1,763
55-64	2	4	6	111	213	324	144	332	476	257	549	806
65-74	1	1	2	68	83	151	71	171	242	140	255	395
75 & over	0	2	2	37	71	108	50	78	128	87	151	238
Unknown	0	2	2	5	71	171	14	136	711	19	209	884
<b>Total</b>	<b>27</b>	<b>147</b>	<b>174</b>	<b>2,692</b>	<b>5,483</b>	<b>8,270</b>	<b>3,742</b>	<b>8,132</b>	<b>12,435</b>	<b>6,461</b>	<b>13,762</b>	<b>20,879</b>

“Driving Too Fast” means that the driver was either issued a citation for speeding or was listed on the accident report as “exceeding speed limit” or “speed too fast/condition.” Note: The figures in the “Total” columns include some drivers for whom the sex was unknown.

#### 1999 Drivers “Driving Too Fast” in Crashes by Age



#### 1999 Drivers “Driving Too Fast” in Crashes by Sex



## 1999 Speed-Related Crashes by Month and Road Conditions

Month	Road Condition							Total
	Dry	Wet	Snow/slush	Ice	Sand/mud/dirt/oil	Other	Unknown	
Jan	156	250	2,581	1,318	3	6	325	4,639
Feb	334	225	669	548	14	8	95	1,893
Mar	522	68	773	216	12	2	95	1,688
Apr	564	267	19	1	6	4	33	894
May	679	334	0	0	9	5	43	1,070
Jun	732	352	0	0	14	12	34	1,144
Jul	845	309	0	0	18	17	42	1,231
Aug	816	285	0	0	8	14	35	1,158
Sep	776	288	0	0	7	12	35	1,118
Oct	779	229	0	0	9	6	41	1,064
Nov	687	231	53	33	6	5	41	1,056
Dec	476	573	1,027	1,022	10	21	175	3,304
<b>Total</b>	<b>7,366</b>	<b>3,411</b>	<b>5,122</b>	<b>3,138</b>	<b>116</b>	<b>112</b>	<b>994</b>	<b>20,259</b>

## 1999 Speed-Related Crashes by Time of Day and Day of Week with Total Killed, Total Injured

Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	TOTAL	Persons Killed	Persons Injured
12-1 AM	128	55	46	66	61	96	160	612	15	378
1-2 AM	133	39	48	69	64	121	155	629	12	385
2-3 AM	197	67	41	68	59	96	215	743	24	472
3-4 AM	122	32	20	32	31	43	129	409	7	257
4-5 AM	47	37	22	30	36	25	71	268	2	135
5-6 AM	46	89	61	59	48	51	51	405	2	200
6-7 AM	52	133	119	127	101	95	68	695	6	341
7-8 AM	54	273	258	273	203	202	105	1,368	8	716
8-9 AM	65	160	187	151	100	159	118	940	6	474
9-10 AM	77	132	87	108	72	125	107	708	7	332
10-11 AM	96	103	71	122	78	136	109	715	3	381
11-12 PM	123	127	94	126	76	160	160	866	4	501
12-1 PM	146	147	130	159	90	171	171	1,014	6	607
1-2 PM	152	119	117	152	107	139	166	952	6	594
2-3 PM	154	148	152	190	112	165	140	1,061	7	670
3-4 PM	135	208	164	283	219	272	155	1,436	9	930
4-5 PM	164	183	190	246	199	245	133	1,360	8	909
5-6 PM	132	179	171	194	192	236	118	1,222	6	764
6-7 PM	145	130	119	121	123	169	106	913	9	600
7-8 PM	152	98	103	121	98	135	102	809	9	547
8-9 PM	109	79	89	81	91	126	99	674	9	497
9-10 PM	106	76	129	103	111	147	116	788	13	521
10-11 PM	80	100	88	90	97	127	115	697	12	436
11-12 AM	74	62	74	78	97	168	114	667	6	454
Unknown	62	43	36	29	30	47	61	308	7	95
<b>TOTAL</b>	<b>2,751</b>	<b>2,819</b>	<b>2,616</b>	<b>3,078</b>	<b>2,495</b>	<b>3,456</b>	<b>3,044</b>	<b>20,259</b>	<b>203</b>	<b>12,196</b>

### 1999 Speed-Related Crashes by County and Highway Class, Total Killed, Total Injured

County	Local Street/Road				County Highway				State Highway				Interstate System				TOTAL				Persons Killed	Persons Injured
	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot		
Adams	1	20	24	45	0	11	12	23	1	9	9	19	0	0	0	0	2	40	45	87	3	72
Ashland	0	8	15	23	0	3	0	3	1	5	11	17	0	0	0	0	1	16	26	43	1	24
Barron	0	31	63	94	2	9	6	17	0	24	33	57	0	0	0	0	2	64	102	168	2	88
Bayfield	0	11	9	20	0	4	8	12	0	10	17	27	0	0	0	0	0	25	34	59	0	40
Brown	0	124	213	337	3	19	40	62	2	102	211	315	1	13	36	50	6	258	500	764	6	362
Buffalo	0	5	16	21	0	5	8	13	1	10	12	23	0	0	0	0	1	20	36	57	2	36
Burnett	0	17	13	30	0	11	7	18	1	19	2	22	0	0	0	0	1	47	22	70	1	69
Calumet	0	12	25	37	1	6	1	8	1	14	19	34	0	0	0	0	2	32	45	79	2	54
Chippewa	1	37	51	89	0	25	14	39	0	39	48	87	0	0	0	0	1	101	113	215	1	144
Clark	0	20	38	58	1	8	11	20	0	5	21	26	0	0	0	0	1	33	70	104	1	52
Columbia	1	28	47	76	0	26	32	58	0	26	45	71	0	28	37	65	1	108	161	270	2	153
Crawford	1	10	16	27	0	3	2	5	1	11	13	25	0	0	0	0	2	24	31	57	2	40
Dane	3	448	595	1,046	2	62	87	151	3	183	238	424	0	41	141	182	8	734	1,061	1,803	9	1,100
Dodge	1	44	60	105	2	41	31	74	1	41	55	97	0	0	0	0	4	126	146	276	5	183
Door	2	18	28	48	0	9	12	21	2	9	12	23	0	0	0	0	4	36	52	92	6	51
Douglas	0	39	47	86	0	11	12	23	1	21	26	48	0	1	3	4	1	72	88	161	1	92
Dunn	0	22	46	68	1	19	33	53	0	22	33	55	0	16	36	52	1	79	148	228	1	115
Eau Claire	0	65	135	200	1	23	25	49	3	39	51	93	0	24	56	80	4	151	267	422	5	232
Florence	0	4	3	7	0	1	2	3	1	3	3	7	0	0	0	0	1	8	8	17	2	15
Fond du Lac	1	62	104	167	2	27	30	59	2	71	114	187	0	0	0	0	5	160	248	413	5	231
Forest	1	5	11	17	0	1	3	4	1	3	8	12	0	0	0	0	2	9	22	33	2	14
Grant	0	33	52	85	0	14	17	31	0	39	36	75	0	0	0	0	0	86	105	191	0	130
Green	2	30	54	86	1	22	14	37	1	21	24	46	0	0	0	0	4	73	92	169	4	107
Green Lake	0	9	15	24	0	13	31	44	0	10	16	26	0	0	0	0	0	32	62	94	0	44
Iowa	2	13	13	28	0	7	13	20	0	16	38	54	0	0	0	0	2	36	64	102	2	51
Iron	0	1	4	5	1	2	2	5	0	4	7	11	0	0	0	0	1	7	13	21	1	11
Jackson	0	12	22	34	0	8	11	19	0	4	15	19	0	26	72	98	0	50	120	170	0	75
Jefferson	1	34	55	90	1	19	35	55	0	35	28	63	2	20	46	68	4	108	164	276	4	139
Juneau	0	19	34	53	2	15	9	26	2	18	17	37	1	21	42	64	5	73	102	180	5	116
Kenosha	0	92	140	232	2	51	55	108	0	67	77	144	0	17	23	40	2	227	295	524	2	342
Kewaunee	0	9	20	29	0	9	8	17	0	1	6	7	0	0	0	0	0	19	34	53	0	25
La Crosse	1	44	126	171	0	28	41	69	0	40	70	110	0	7	23	30	1	119	260	380	1	181
Lafayette	0	10	10	20	0	12	11	23	0	8	8	16	0	0	0	0	0	30	29	59	0	42
Langlade	1	6	9	16	0	5	12	17	0	16	17	33	0	0	0	0	1	27	38	66	1	41
Lincoln	0	22	27	49	0	9	15	24	0	25	42	67	0	0	0	0	0	56	84	140	0	87
Manitowoc	1	46	58	105	3	20	20	43	1	22	23	46	0	5	17	22	5	93	118	216	7	157

Continued



## 1999 Speed-Related Crashes by County and Highway Class, Total Killed, Total Injured

County	Local Street/Road				County Highway				State Highway				Interstate System				TOTAL				Persons Killed	Persons Injured
	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot	Ftl	Inj	PD	Tot		
Marathon	2	74	115	191	0	35	47	82	0	67	123	190	0	11	27	38	2	187	312	501	2	287
Marinette	0	26	47	73	1	11	15	27	1	20	24	45	0	0	0	0	2	57	86	145	3	86
Marquette	0	8	11	19	0	15	17	32	0	3	5	8	0	3	12	15	0	29	45	74	0	44
Menominee	0	1	1	2	1	2	0	3	1	5	3	9	0	0	0	0	2	8	4	14	2	19
Milwaukee	8	700	971	1,679	0	0	0	0	2	209	312	523	1	403	684	1,088	11	1,312	1,967	3,290	13	2,139
Monroe	1	26	39	66	0	13	18	31	0	22	32	54	0	24	51	75	1	85	140	226	2	120
Oconto	0	19	24	43	0	11	5	16	0	17	15	32	0	0	0	0	0	47	44	91	0	73
Oneida	1	27	63	91	0	13	21	34	0	21	28	49	0	0	0	0	1	61	112	174	1	98
Outagamie	0	68	173	241	3	27	34	64	3	81	120	204	0	0	0	0	6	176	327	509	6	257
Ozaukee	0	32	65	97	0	11	21	32	0	21	22	43	0	17	34	51	0	81	142	223	0	130
Pepin	0	3	2	5	0	14	4	18	0	5	6	11	0	0	0	0	0	22	12	34	0	39
Pierce	0	16	28	44	0	10	16	26	3	13	24	40	0	0	0	0	3	39	68	110	3	64
Polk	0	26	37	63	1	10	11	22	0	13	15	28	0	0	0	0	1	49	63	113	1	91
Portage	2	26	62	90	1	11	26	38	1	25	31	57	0	9	25	34	4	71	144	219	5	108
Price	0	9	8	17	0	7	7	14	0	16	10	26	0	0	0	0	0	32	25	57	0	47
Racine	1	117	165	283	0	30	28	58	3	103	125	231	1	26	40	67	5	276	358	639	5	437
Richland	0	9	17	26	0	12	11	23	1	21	20	42	0	0	0	0	1	42	48	91	1	59
Rock	3	169	253	425	0	34	56	90	4	96	100	200	1	39	102	142	8	338	511	857	14	554
Rusk	1	18	13	32	1	7	6	14	2	8	7	17	0	0	0	0	4	33	26	63	4	49
St. Croix	1	31	56	88	0	25	20	45	1	29	39	69	3	18	59	80	5	103	174	282	5	150
Sauk	2	66	92	160	1	16	25	42	1	51	72	124	1	10	20	31	5	143	209	357	5	234
Sawyer	0	13	18	31	2	11	7	20	0	8	7	15	0	0	0	0	2	32	32	66	3	43
Shawano	0	28	41	69	4	28	18	50	2	38	37	77	0	0	0	0	6	94	96	196	10	135
Sheboygan	0	56	127	183	0	25	38	63	0	30	44	74	0	6	33	39	0	117	242	359	0	182
Taylor	0	11	20	31	0	7	7	14	0	4	5	9	0	0	0	0	0	22	32	54	0	27
Trempealeau	1	20	27	48	0	15	23	38	0	11	29	40	0	2	10	12	1	48	89	138	1	73
Vernon	0	21	8	29	0	7	6	13	0	17	13	30	0	0	0	0	0	45	27	72	0	74
Vilas	1	26	26	53	0	8	21	29	0	25	19	44	0	0	0	0	1	59	66	126	1	92
Walworth	6	58	84	148	1	34	37	72	3	48	62	113	0	13	18	31	10	153	201	364	16	224
Washburn	0	12	13	25	0	6	4	10	0	12	11	23	0	0	0	0	0	30	28	58	0	48
Washington	2	78	112	192	1	16	25	42	0	58	103	161	0	0	0	0	3	152	240	395	3	206
Waukesha	2	221	409	632	0	52	69	121	1	160	230	391	2	55	92	149	5	488	800	1,293	5	741
Waupaca	2	23	55	80	0	25	19	44	0	15	26	41	0	0	0	0	2	63	100	165	2	89
Waushara	0	15	24	39	0	19	20	39	1	15	14	30	0	3	8	11	1	52	66	119	1	78
Winnebago	1	76	155	232	1	19	31	51	1	85	155	241	0	0	0	0	3	180	341	524	3	253
Wood	0	44	65	109	0	14	13	27	0	27	39	66	0	0	0	0	0	85	117	202	0	131
<b>TOTAL</b>	<b>57</b>	<b>3,583</b>	<b>5,624</b>	<b>9,264</b>	<b>43</b>	<b>1,158</b>	<b>1,396</b>	<b>2,597</b>	<b>57</b>	<b>2,391</b>	<b>3,332</b>	<b>5,780</b>	<b>13</b>	<b>858</b>	<b>1,747</b>	<b>2,618</b>	<b>170</b>	<b>7,990</b>	<b>12,099</b>	<b>20,259</b>	<b>203</b>	<b>12,196</b>

A crash is considered to be a "Speed-Related Crash" when at least one driver in the crash was listed as "exceeding speed limit" or "speed too fast/condition" or a citation was issued for speeding.

## Rural Interstate Summary

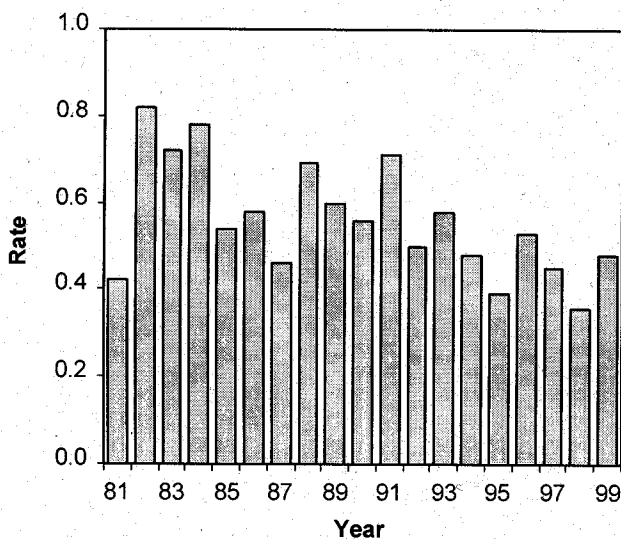
Wisconsin is continuing to monitor crashes on the Rural Interstate System in connection with legislation that became effective on June 17, 1987 authorizing 65 mile per hour speed limits on these portions of highway.

In 1999, the overall crash rate for the 569 miles of Rural Interstate was 70.08 compared to 70.50 in 1998. The crash rate is the number of crashes per 100 million

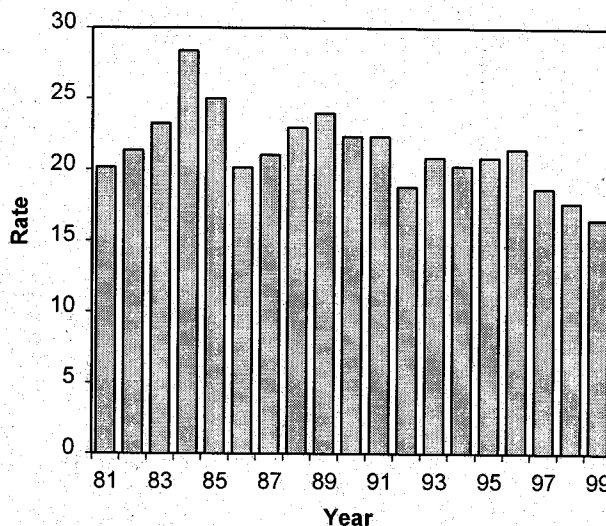
vehicle miles traveled. Overall, vehicle miles traveled on Rural Interstate highways decreased by 0.7% in 1999.

The charts below list the crash rates on Rural Interstate highways by crash severity.

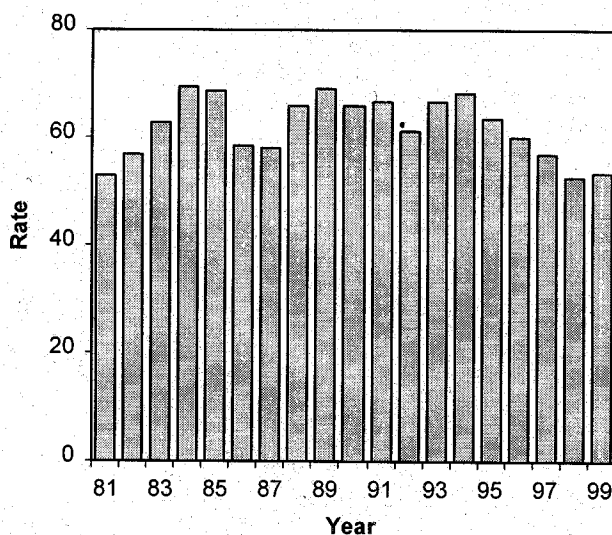
### Fatal Crash Rate



### Injury Crash Rate

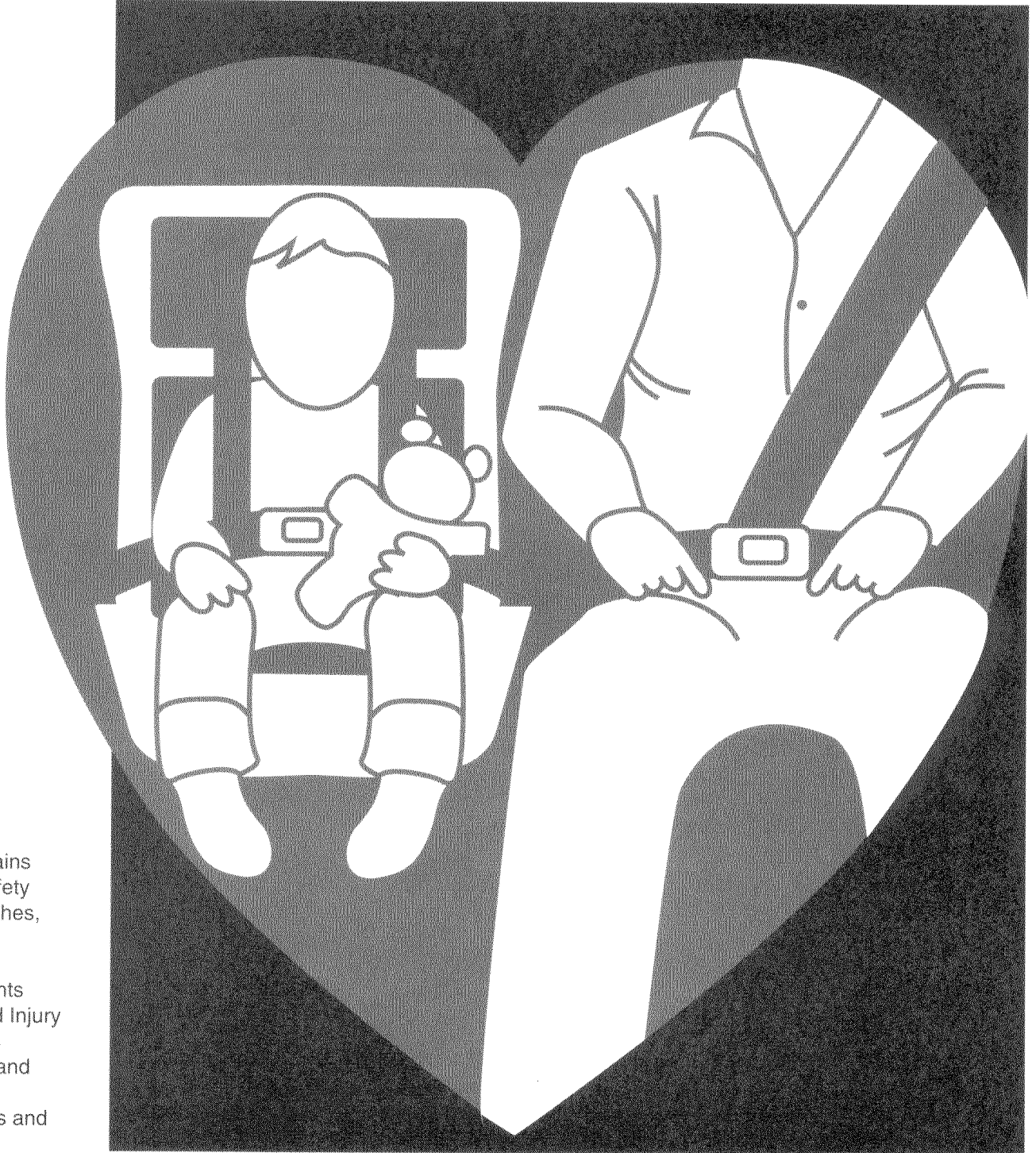


### Property Damage Crash Rate



Note: Rates are crashes per 100 million vehicle miles traveled.

# VII. SAFETY EQUIPMENT



This section contains information on safety equipment in crashes, including:

- Age of Occupants
- Helmet use and Injury to Motorcyclists
- Injury Severity and Seat Position
- Passenger Cars and Light Trucks

## 1999 Safety Equipment Use in Passenger Cars by Injury Severity and Seat Position

	Seat Position by Safety Equipment Use														TOTAL	
	1		2		3		4		5		6		7			
Injury Severity	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Not Injured	103,991	6,504	841	117	26,460	2,168	7,373	677	3,061	379	8,873	921	1,648	105	152,247	10,871
Incapacitating	1,792	1,064	14	12	564	396	71	84	19	30	92	100	13	15	2,565	1,701
Nonincapacitating	6,407	2,184	52	47	1,901	954	301	167	98	99	369	222	73	37	9,201	3,710
Possible	16,999	2,299	160	55	5,223	1,020	878	247	296	99	1,122	309	194	39	24,872	4,068
Killed	118	194	0	1	42	46	5	5	1	2	4	8	3	3	173	259
<b>TOTAL</b>	<b>129,307</b>	<b>12,245</b>	<b>1,067</b>	<b>232</b>	<b>34,190</b>	<b>4,584</b>	<b>8,628</b>	<b>1,180</b>	<b>3,475</b>	<b>609</b>	<b>10,460</b>	<b>1,560</b>	<b>1,931</b>	<b>199</b>	<b>189,058</b>	<b>20,609</b>

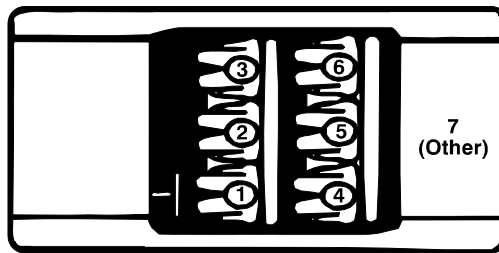
Caution: Safety equipment use for many occupants was self-reported. Therefore, these figures may overstate actual use of safety equipment.

Note: This report counts only those occupants for whom safety equipment use and seat location were recorded on the accident report form.

Yes = Used safety belts or child safety seat.

No = No safety equipment used.

### SEATING POSITION



## 1999 Safety Equipment Use in Passenger Cars in Crashes by Age of Occupant

Age of Occupant	Shoulder & Lap Belt	Lap Belt Only	Shoulder Belt Only	Child Safety Seat	None	TOTAL
1-2	442	131	15	2,294	90	2,972
3	499	132	14	748	63	1,456
4	917	261	22	390	68	1,658
5-9	5,163	1,157	62	206	462	7,050
10-14	5,925	830	62	0	862	7,679
15	2,826	307	29	0	753	3,915
16	9,408	372	111	0	1,487	11,378
17	8,926	267	93	0	1,522	10,808
18	8,037	229	77	0	1,565	9,908
19	6,386	143	61	0	1,224	7,814
20	5,370	108	48	0	1,045	6,571
21	4,846	91	36	0	911	5,884
22	4,216	59	44	0	680	4,999
23	3,796	66	31	0	593	4,486
24	3,509	52	31	0	528	4,120
25-34	29,586	334	207	0	3,263	33,390
35-44	28,140	304	196	0	2,194	30,834
45-54	19,930	191	132	0	1,263	21,516
55-64	11,112	91	73	0	606	11,882
65-74	8,523	83	67	0	493	9,166
75-84	6,205	68	43	0	416	6,732
85 & over	1,357	15	9	0	132	1,513
Unknown	1,917	183	35	1,412	389	3,936
<b>TOTAL</b>	<b>177,036</b>	<b>5,474</b>	<b>1,498</b>	<b>5,050</b>	<b>20,609</b>	<b>209,667</b>

Caution: Safety equipment use for many occupants was self-reported. Therefore, these figures may overstate actual use of safety equipment.

Note: This report counts only those occupants for whom safety equipment use and seat location were recorded on the accident report form.

## 1999 Safety Equipment Use in Light Trucks by Injury Severity and Seat Position

	Seat Position by Safety Equipment Use														TOTAL	
	1		2		3		4		5		6		7			
Injury Severity	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Not Injured	22,267	2,116	540	151	4,321	505	327	33	192	18	513	46	51	9	28,211	2,878
Incapacitating	227	280	6	7	74	91	2	4	0	3	4	5	1	0	314	390
Nonincapacitating	988	606	30	43	237	197	8	7	9	4	12	12	1	1	1,285	870
Possible	2,140	472	50	27	608	164	34	6	16	7	41	9	4	3	2,893	688
Killed	6	62	0	0	3	9	0	0	0	0	0	0	0	0	9	71
TOTAL	25,628	3,536	626	228	5,243	966	371	50	217	32	570	72	57	13	32,712	4,897

Caution: Safety equipment use for many occupants was self-reported. Therefore, these figures may overstate actual use of safety equipment.

Note: This report counts only those occupants for whom safety equipment use and seat location were recorded on the accident report form.

Yes = Used safety belts or child safety seat.

No = No safety equipment used.

## 1999 Safety Equipment Use in Light Trucks in Crashes by Age of Occupant

Age of Occupant	Shoulder & Lap Belt	Lap Belt Only	Shoulder Belt Only	Child Safety Seat	None	TOTAL
1-2	41	11	3	166	9	230
3	45	15	1	47	5	113
4	105	18	1	23	6	153
5-9	517	160	2	13	52	744
10-14	581	88	3	0	114	786
15	293	34	0	0	93	420
16	982	34	12	0	229	1,257
17	1,058	28	10	0	240	1,336
18	1,057	27	10	0	251	1,345
19	980	14	7	0	262	1,263
20	901	17	5	0	235	1,158
21	862	14	5	0	203	1,084
22	801	10	5	0	170	986
23	742	10	3	0	138	893
24	643	18	4	0	134	799
25-34	6,582	87	37	0	995	7,701
35-44	6,648	96	46	0	809	7,599
45-54	4,426	55	26	0	442	4,949
55-64	2,268	34	5	0	222	2,529
65-74	1,201	15	3	0	155	1,374
75-84	390	3	8	0	72	473
85 & over	41	1	0	0	8	50
Unknown	230	10	4	70	53	367
TOTAL	31,394	799	200	319	4,897	37,609

Caution: Safety equipment use for many occupants was self-reported. Therefore, these figures may overstate actual use of safety equipment.

Note: This report counts only those occupants for whom safety equipment use and seat location were recorded on the accident report form.

## 1999 Passenger Car and Light Truck Occupants for Whom Airbag Deployed in Crash - Manner of Collision by Injury Severity

Manner of Collision	Injury Severity					Total
	Killed	Incapacitating	Non-incapacitating	Possible	Not Injured	
Angle	45	374	1,074	1,507	2,054	5,054
No collision with vehicle in transit	58	258	829	743	1,514	3,402
Rear end	2	83	395	574	1,373	2,427
Head on	14	142	231	206	265	858
Side swipe opposite	5	38	99	69	124	335
Side swipe same	0	13	46	63	100	222
Rear to rear	0	2	4	8	10	24
Unknown	0	14	46	76	276	412
<b>TOTAL</b>	<b>124</b>	<b>924</b>	<b>2,724</b>	<b>3,246</b>	<b>5,716</b>	<b>12,734</b>

Note: This table does not take into account whether or not the person was using safety belts at the time of the crash.

## 1999 Safety Equipment Use on Motorcycles by Injury Severity and Seat Position

Injury Severity	Seat Position by Safety Equipment Use									
	Driver					Passenger				
	Helmet Worn	Eye Protection	None	Unknown	Total	Helmet Worn	Eye Protection	None	Unknown	Total
Not Injured	70	108	48	76	302	5	16	7	3	31
Incapacitating	123	244	98	30	495	17	28	26	5	76
Nonincapacitating	261	371	182	31	845	32	52	33	5	122
Possible	94	143	91	23	351	17	17	15	6	55
Killed	16	21	20	0	57	1	1	4	2	8
<b>TOTAL</b>	<b>564</b>	<b>887</b>	<b>439</b>	<b>160</b>	<b>2,050</b>	<b>72</b>	<b>114</b>	<b>85</b>	<b>21</b>	<b>292</b>

Injury Severity	Seat Position by Safety Equipment Use									
	Side Car					TOTAL				
	Helmet Worn	Eye Protection	None	Unknown	Total	Helmet Worn	Eye Protection	None	Unknown	Total
Not Injured	1	0	1	0	2	76	124	56	79	335
Incapacitating	0	1	1	0	2	140	273	125	35	573
Nonincapacitating	1	0	0	1	2	294	423	215	37	969
Possible	1	0	1	0	2	112	160	107	29	408
Killed	0	0	0	0	0	17	22	24	2	65
<b>TOTAL</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>8</b>	<b>639</b>	<b>1,002</b>	<b>527</b>	<b>182</b>	<b>2,350</b>

Note: This report counts only those motorcyclists for whom seat location was recorded on the accident report form.

## 1999 Motorcyclists Injured by Age and Role by Safety Equipment Use

Age	Driver					Passenger					Side Car					Total				
	Helmet Worn	Eye Protect	None	Unk	Total	Helmet Worn	Eye Protect	None	Unk	Total	Helmet Worn	Eye Protect	None	Unk	Total	Helmet Worn	Eye Protect	None	Unk	Total
Under 5	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1
5-9	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	2	0	0	0	2
10-14	3	0	0	0	3	7	0	0	0	7	0	0	0	0	0	10	0	0	0	10
15	1	1	2	0	4	2	2	0	0	4	0	0	0	0	0	3	3	2	0	8
16	5	1	2	2	10	1	0	1	1	3	0	0	0	0	0	6	1	3	3	13
17	13	1	3	0	17	2	2	1	0	5	0	0	0	0	0	15	3	4	0	22
18	18	12	6	2	38	4	0	1	0	5	0	0	0	0	0	22	12	7	2	43
19	26	12	16	1	55	3	0	3	1	7	0	0	0	0	0	29	12	19	2	62
20	21	27	28	3	79	0	3	6	0	9	1	0	0	0	1	22	30	34	3	89
21	11	32	13	2	58	0	5	2	1	8	0	0	1	0	1	11	37	16	3	67
22	22	21	14	2	59	1	2	4	0	7	0	0	0	0	0	23	23	18	2	66
23	23	24	6	3	56	1	2	0	0	3	0	0	0	0	0	24	26	6	3	59
24	13	17	11	5	46	0	1	2	1	4	0	0	0	0	0	13	18	13	6	50
25-34	99	209	85	18	411	9	22	21	5	57	0	1	0	0	1	108	232	106	23	469
35-44	85	221	102	24	432	11	36	20	3	70	1	0	0	0	1	97	257	122	27	503
45-54	76	129	60	14	279	11	18	10	4	43	0	0	1	1	2	87	147	71	19	324
55-64	49	47	14	3	113	7	2	0	0	9	0	0	0	0	0	56	49	14	3	122
65-74	11	4	7	4	26	2	0	0	0	2	0	0	0	0	0	13	4	7	4	28
75-84	2	0	2	0	4	1	0	0	0	1	0	0	0	0	0	3	0	2	0	5
Unknown	0	0	0	1	1	1	2	3	0	6	0	0	0	0	0	1	2	3	1	7
TOTAL	478	758	371	84	1,691	66	97	74	16	253	2	1	2	1	6	546	856	447	101	1,950

Eye Protect = Eye Protection      Unk = Unknown  
 Note: This report counts only those motorcyclists for whom seat location was known.

### 1999 Motorcyclists Killed by Age and Role by Safety Equipment Use and Sex

Age	Driver					Passenger					Total											
	Helmet Worn		Eye Protection		None	Helmet Worn	Eye Protect	None	Unknown	Helmet Worn			Eye Protection			None			Unknown			
	M	F	M	F	M	F	F	F	M	F	M	F	Tot	M	F	Tot	M	F	Tot	M	F	Tot
18	1	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
19	-	-	-	-	1	1	-	-	-	-	-	1	1	-	-	-	1	-	1	-	-	-
20	-	-	-	1	1	-	-	-	-	-	-	-	-	-	1	1	1	-	1	-	-	-
21	1	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
22	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
23	1	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
24	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-
25-34	2	-	5	-	5	-	1	2	1	1	2	-	2	5	1	6	5	2	7	1	1	2
35-44	2	-	9	1	5	-	-	2	-	-	2	-	2	9	1	10	5	2	7	-	-	-
45-54	4	1	2	-	3	-	-	-	-	-	4	1	5	2	-	2	3	-	3	-	-	-
55-64	2	-	2	-	2	-	-	-	-	-	2	-	2	2	-	2	2	-	2	-	-	-
65-74	-	1	-	-	1	-	-	-	-	-	-	1	1	-	-	-	1	-	1	-	-	-
75-84	1	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
TOTAL	14	2	19	2	20	1	1	4	1	1	14	3	17	19	3	22	20	4	24	1	1	2

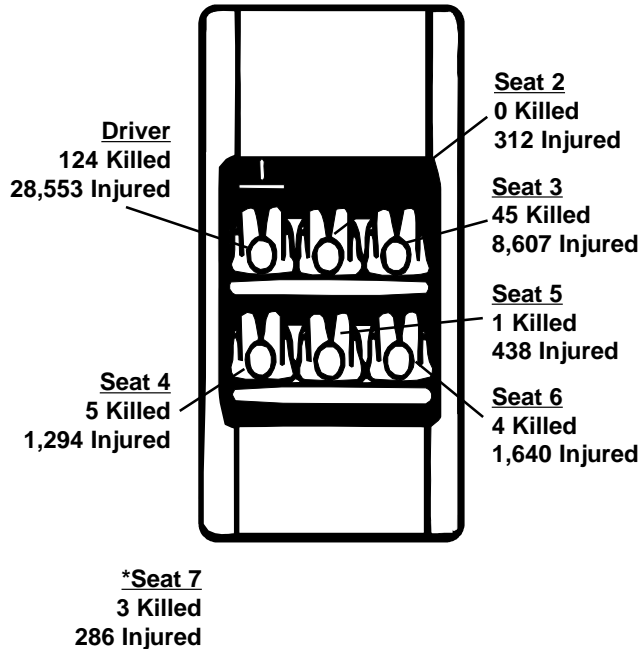
M = Male      F = Female      Eye Protect = Eye Protection      Unkn = Unknown      Tot = Total



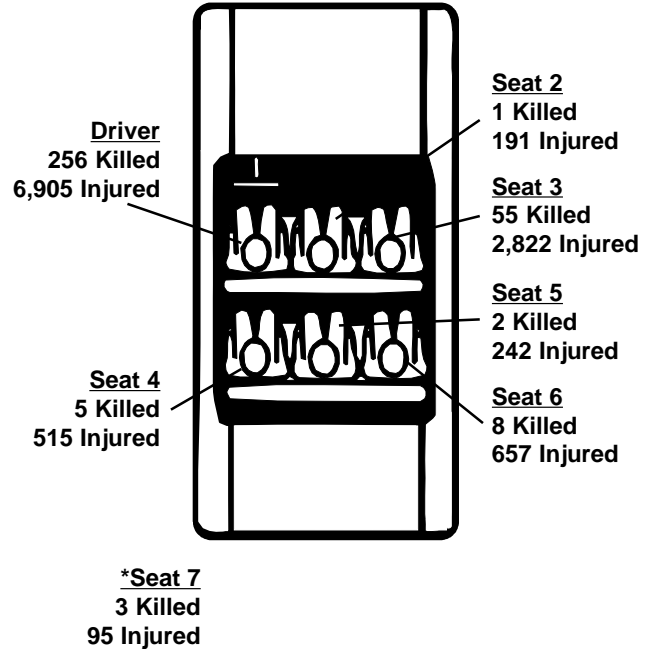
# 1999 Occupants and Injury Severity by Seating Position and Safety Equipment Use

## Passenger Cars and Light Trucks

### With Safety Equipment



### Without Safety Equipment

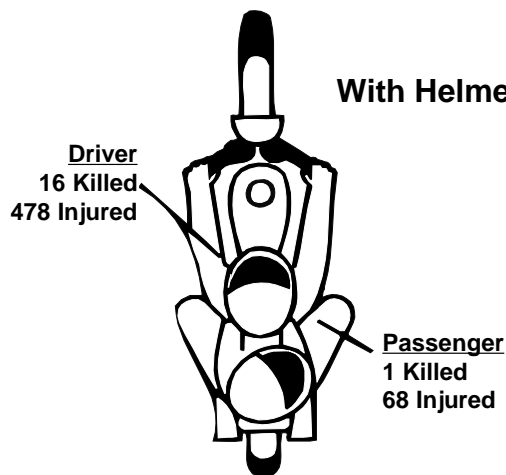


\*Seat 7 includes miscellaneous seat positions such as third row seats in cars and vans.

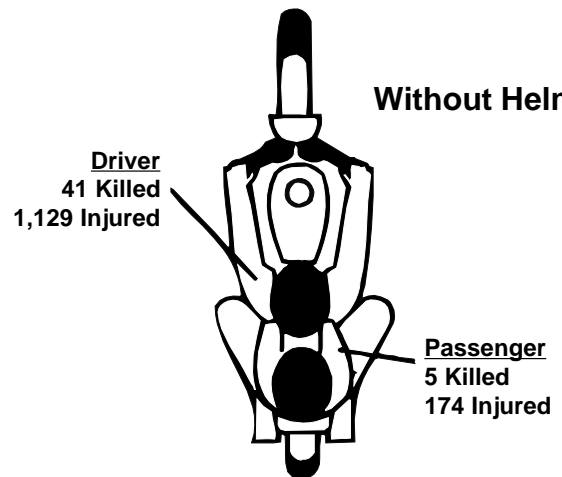
Note: Safety equipment usage is often self-reported and may not reflect actual usage. These numbers count only those occupants for whom safety equipment use and seat location were reported on the accident report form.

## Motorcycles

### With Helmet



### Without Helmet



Includes only those motorcyclists with reported safety equipment.  
"Without Helmet" includes those cases where safety equipment was "Eye Protection Only."

**Wisconsin Motor Vehicle Accident Report**

Amended Document:  On Emergency:

Document Number: **1234567**

PLEASE DO NOT WRITE IN THIS MICROFILM SPACE

**INSTRUCTIONS**  
 Please use a Ballpoint Pen or Pencil.  
 Mark areas as shown:  
 Correct Mark:  X  
 Incorrect Mark:  O

**Accident Date:** MONTH: **11** DAY: **17** YEAR: **2013**

**Accident Time:** HOUR: **22** MIN: **18**

**Accident Location:** Public Highway, Intersection/Related Public Highway, Non-Intersection, Private Property or Road

**Occupant Information:**  
 Unit # **1** Name: **JANET** First: **JANET** Last: **OLSON** M.I.: **L.** Date of Birth: **05-13-71** Sex: **F** City & State: **ZIP: 53108**  
 Unit # **2** Name: **SUSAN** First: **SUSAN** Last: **JOHNSON** M.I.: **M.** Date of Birth: **05-15-55** Sex: **F** City & State: **ZIP: 53108**

**Vehicle Information:**  
 Unit # **1** Year of Vehicle: **85** Make: **CHEV** Model: **CITATION** Color: **BLK**  
 Unit # **2** Year of Vehicle: **90** Make: **PONTIAC** Model: **SUNBIRD** Color: **WHI**

**Operator Information:**  
 Unit # **1** Name: **DANIEL** First: **DANIEL** Last: **OLSON** M.I.: **M.** Date of Birth: **06-28-68** Sex: **M** City & State: **WI** License Number: **960-0209**  
 Unit # **2** Name: **WAYNE** First: **WAYNE** Last: **JOHNSON** M.I.: **F.** Date of Birth: **05-18-55** Sex: **M** City & State: **WI** License Number: **235-0133**

**Accident Details:**  
 Direction of Travel (Before accident): **0.0**  
 Direction of Travel (After accident): **0.0**  
 Type of Collision: **1** (Front-End) **2** (Rear-End) **3** (Side-Impact) **4** (Other)

**Witnesses:** Name: **FRANK** Address: **OAK AVENUE** City & State: **WI** Phone Number: **960-0209**

**Police/Agency Information:**  
 Agency Name: **MNP 508** Agency Address: **181XX 6827F 123567** Agency Phone: **WI 94**

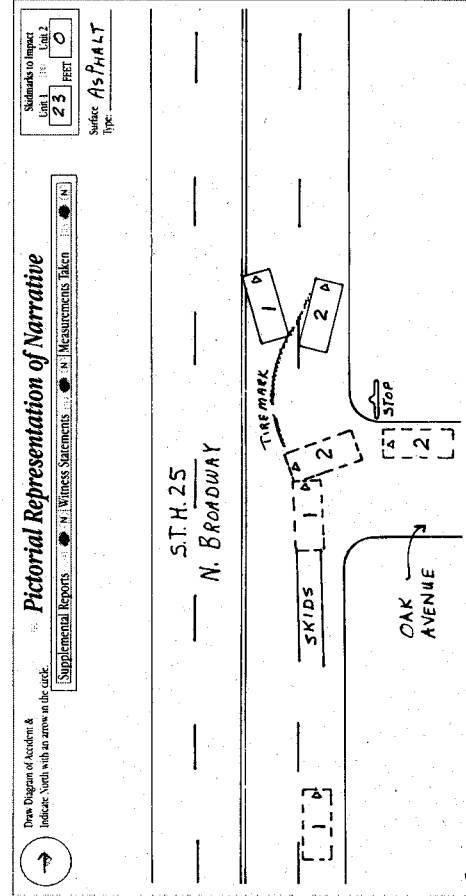
**Insurance Information:**  
 Insurer: **AMERICAN FAMILY INS. CO.** Policy Number: **05-53** Insured Name: **JOHNSON**

**Vehicle Damage:**  
 Unit # **1** Damage: **1** (None) **2** (Minor) **3** (Moderate) **4** (Severe) **5** (Total Loss)  
 Unit # **2** Damage: **1** (None) **2** (Minor) **3** (Moderate) **4** (Severe) **5** (Total Loss)

**Medical Information:**  
 Unit # **1** Medical: **1** (None) **2** (Minor) **3** (Moderate) **4** (Severe) **5** (Fatal)  
 Unit # **2** Medical: **1** (None) **2** (Minor) **3** (Moderate) **4** (Severe) **5** (Fatal)

**Other Information:**  
 Driver Condition: **1** (Normal) **2** (Alcohol) **3** (Drugs) **4** (Fatigue) **5** (Other)  
 Pedestrian: **1** (None) **2** (Minor) **3** (Moderate) **4** (Severe) **5** (Fatal)

**Signature:** **FRANK** Date: **11/17/13**



**What Drivers Were Doing**

Photo by: MICHAEL MASON

Unit Number: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18

1. Going Straight  
2. Making Left Turn  
3. Making Right Turn  
4. Slowing or Stopping  
5. Stopped in Traffic  
6. Legally Parked  
7. Violating No Parking Zone  
8. Illegally Parked  
9. Parking Manuever  
10. Backing Manuever  
11. Changing Lanes  
12. Overtaking on left  
13. Overtaking on right  
14. Making U Turn  
15. Turning on red  
16. Merging  
17. Negotiating Curve  
18. Other

**Traffic Control**

Unit Number: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18

1. No Control  
2. Traffic Signal Operating  
3. Traffic Sign with Flasher  
4. Stop Sign with Flasher Warning  
5. Warm Sign with Flasher Yield Sign  
6. Traffic Control Person RR-sig Signal  
7. Other

**Witness Information**

Witness Name: ANDERSON First: ANNE Last: M.  
Address: 202 N. BROADWAY Date of Birth: 02-13-68  
City: MENDONIE, WI Phone Number: (715) 232-0123

**ROAD SURFACE CONDITION**

Par A: Straight, Curve, Level Flat, Hill  
Par B: Dry, Wet, Snow/Slush, Ice, Sand, Mud, Dirt, Oil, Unknown

**WEATHER**

1. Clear  
2. Cloudy  
3. Rain  
4. Fog  
5. Fog, Smoke, Steam  
6. Sheet Ice  
7. Freezing Rain or Drizzle  
8. Blowing Sand, Soil  
9. Dirt, Snow  
10. Severe Crosswinds  
11. Other

**ACCESS CONTROL**

1. No Control (Unlimited Access)  
2. Full Control (Entry/Exit)  
3. Partial Control

**TRAFFIC WAY**

1. Not Physically Divided (2-Way Traffic)  
2. Divided Highway, Median Strip, without Traffic Barrier  
3. Divided Highway, Median Strip, with Traffic Barrier  
4. One-Way Traffic  
5. Parking Lot or Private Property

**RELATION TO ROADWAY**

1. On Roadway  
2. Railing Lot or Private Property  
3. Shoulder (Other than Shoulder within Median or Gore)  
4. Median (Other than Median within Gore)  
5. Outside Shoulder-Left  
6. Outside Shoulder-Right  
7. Off Roadway-Location Unknown  
8. Gore (Area between Ramp & Highway)  
9. On Ramp  
10. Unknown

**Officer's Opinion of Possible Contributing Circumstances**

Document Number Override: 1234567

**Driver Factors**

Unit Number: NA  
 1. Exceeding Speed Limit  
2. Speed too Fast Condition  
3. Fat to Head Light of Way  
4. Poor Judgment  
5. Release too Close  
6. Improper Turn  
7. Left of Center  
8. Descended Traffic Control  
9. Improper Overtaking  
10. Unsafe Backing  
11. Failure to have Control  
12. Driver Condition  
13. Physically Disabled  
14. Other

**Vehicle Factors**

Unit Number: NA  
 1. Brake System  
2. Tires  
3. Steering System  
4. Head Lamps  
5. Stop Lamps  
6. Tail Lamps  
7. Disabled in Prior Accident  
8. Other Disabled Mirrors  
9. Suspension System  
10. Other

**Highway Factors**

Unit Number: NA  
 1. Snow, Ice or Wet  
2. Narrow Shoulder  
3. Low Shoulder  
4. Soft Shoulder  
5. Rough Pavement  
6. Debris from Prior Accident  
7. Other Debris  
8. Sign Obscured or Missing  
9. Narrow Bridge  
10. Construction Zone  
11. Visibility Obscured  
12. Other

**OFFICER INFORMATION**

Last Name: MASON First Name: MICHAEL MI: W.  
Law Enforcement Agency: 714 172 STREET EAST  
City & State: MENDONIE, WI ZIP: 54751  
Phone Number: (715) 232-1283  
Agency # 1 Enforcement Agency: MENDONIE P.D. Officer ID # 131

**Truck & Bus Accident Information** (This Section Must Be Completed for Each Truck or Bus Involved in this Accident.)

When to Use This Section:  A truck with at least two axles and six tires?  N  
 A truck with 2 hazardous materials placard?  N  
 A truck with 2 or more hazardous materials placard?  N  
 A truck with 2 or more hazardous materials placard, including the driver?  N  
 STOP! All other trucks and buses must complete this & Bus Accident Information Section. If there are any "YES" answers, continue to Part B.

Par A: Any person who was fatally injured?  N  
 Any injured person requiring transport for immediate medical treatment?  N  
 One or more vehicles that had to be towed from the scene as a result of the accident?  N  
 One or more vehicles that required repair or were provided assistance before proceeding from scene under own power?  N

Par B: STOP! If all the responses to Part B are "NO" do not continue. If there are any "YES" answers, please complete this Truck & Bus Accident Information Section.

**Carrier Information**

Carrier Name: \_\_\_\_\_  
 Interstate Carrier?  Y  N  
 ICC No: \_\_\_\_\_  
 Carrier Address: \_\_\_\_\_

**Carrier Identification Numbers**

IC: \_\_\_\_\_  
 LC: \_\_\_\_\_  
 Driver License: \_\_\_\_\_

**Vehicle Information**

Vehicle Configuration: \_\_\_\_\_  
 Gross Vehicle Weight Rating: \_\_\_\_\_  
 Year of Make: \_\_\_\_\_

**SEQUENCE OF EVENTS FOR THIS VEHICLE**

1. 2. 3. 4. Collision involving motor vehicle in transport  
 5. 6. Collision involving parked motor vehicle  
 7. Collision involving train  
 8. Collision involving motorcycle  
 9. Collision involving animal  
 10. Collision involving fixed object  
 11. Collision involving other object  
 12. Collision involving pedestrian

**Hazardous Material Information**

Hazardous Material Class Numbers (1-3 digit): \_\_\_\_\_  
 Hazardous Material "UN" Numbers (4 digit): \_\_\_\_\_  
 Hazardous Material Placard Displayed?  Y  N  
 Hazardous Cargo was Released?  Y  N  
 List the Hazardous Material(s) by name in this load: \_\_\_\_\_  
 List the Name(s) of Released Hazardous Material(s): \_\_\_\_\_

**Carrier Information**

Carrier Name: \_\_\_\_\_  
 Interstate Carrier?  Y  N  
 ICC No: \_\_\_\_\_  
 Carrier Address: \_\_\_\_\_

**Vehicle Information**

Vehicle Configuration: \_\_\_\_\_  
 Gross Vehicle Weight Rating: \_\_\_\_\_  
 Year of Make: \_\_\_\_\_

**SEQUENCE OF EVENTS FOR THIS VEHICLE**

1. 2. 3. 4. Collision involving motor vehicle in transport  
 5. 6. Collision involving parked motor vehicle  
 7. Collision involving train  
 8. Collision involving motorcycle  
 9. Collision involving animal  
 10. Collision involving fixed object  
 11. Collision involving other object  
 12. Collision involving pedestrian

**Vehicle Factors**

Unit Number: NA  
 1. Brake System  
2. Tires  
3. Steering System  
4. Head Lamps  
5. Stop Lamps  
6. Tail Lamps  
7. Disabled in Prior Accident  
8. Other Disabled Mirrors  
9. Suspension System  
10. Other

**Highway Factors**

Unit Number: NA  
 1. Snow, Ice or Wet  
2. Narrow Shoulder  
3. Low Shoulder  
4. Soft Shoulder  
5. Rough Pavement  
6. Debris from Prior Accident  
7. Other Debris  
8. Sign Obscured or Missing  
9. Narrow Bridge  
10. Construction Zone  
11. Visibility Obscured  
12. Other

**OFFICER INFORMATION**

Last Name: MASON First Name: MICHAEL MI: W.  
Law Enforcement Agency: 714 172 STREET EAST  
City & State: MENDONIE, WI ZIP: 54751  
Phone Number: (715) 232-1283  
Agency # 1 Enforcement Agency: MENDONIE P.D. Officer ID # 131

**Truck & Bus Accident Information**

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 A truck with 2 hazardous materials placard?  N  
 A truck with 2 or more hazardous materials placard?  N  
 A truck with 2 or more hazardous materials placard, including the driver?  N  
 STOP! All other trucks and buses must complete this & Bus Accident Information Section. If there are any "YES" answers, continue to Part B.

Par A: Any person who was fatally injured?  N  
 Any injured person requiring transport for immediate medical treatment?  N  
 One or more vehicles that had to be towed from the scene as a result of the accident?  N  
 One or more vehicles that required repair or were provided assistance before proceeding from scene under own power?  N

Par B: STOP! If all the responses to Part B are "NO" do not continue. If there are any "YES" answers, please complete this Truck & Bus Accident Information Section.

**Carrier Information**

Carrier Name: \_\_\_\_\_  
 Interstate Carrier?  Y  N  
 ICC No: \_\_\_\_\_  
 Carrier Address: \_\_\_\_\_

**Carrier Identification Numbers**

IC: \_\_\_\_\_  
 LC: \_\_\_\_\_  
 Driver License: \_\_\_\_\_

**Vehicle Information**

Vehicle Configuration: \_\_\_\_\_  
 Gross Vehicle Weight Rating: \_\_\_\_\_  
 Year of Make: \_\_\_\_\_

**SEQUENCE OF EVENTS FOR THIS VEHICLE**

1. 2. 3. 4. Collision involving motor vehicle in transport  
 5. 6. Collision involving parked motor vehicle  
 7. Collision involving train  
 8. Collision involving motorcycle  
 9. Collision involving animal  
 10. Collision involving fixed object  
 11. Collision involving other object  
 12. Collision involving pedestrian

# GLOSSARY OF TERMS

**ALCOHOL-RELATED CRASH** - Either a driver, bicyclist or pedestrian is listed on a police or coroner report as drinking alcohol before the crash.

**ALCOHOL-RELATED FATALITY** - A person who died within 30 days as a result of a traffic crash involving alcohol.

**ALCOHOL CONCENTRATION (AC) TEST** - A test to determine the level of alcohol in a person's bloodstream. In Wisconsin, the limit of .10 equals an alcohol level of 1 part per thousand.

**COLLISION CRASH** - A motor vehicle crash other than an overturning incident in which the first harmful event is a collision of a road vehicle in transport with another motor vehicle, other property, or pedestrians.

**CONSTRUCTION ZONE** - The area between the first advance warning sign and the point beyond the work area where traffic is no longer affected.

**CONSTRUCTION ZONE-RELATED** - The crash resulted from an activity, behavior, or traffic control related to the construction zone but not necessarily within it.

**CRASH** - An occurrence that originates or terminates on a traffic way, that involves at least one motor vehicle in transport and results in injury or death to any person, or damage to any property. This includes acts by the operators of motor vehicles that contribute to the cause of a crash regardless of physical contact and, for the purpose of ch. 344, WI Stats, (Safety Responsibility Program), includes intentional acts.

**CRASH RATE** - The number of crashes per 100 million vehicle miles traveled.

## CRASH SEVERITY

**Fatal Crash** - A motor vehicle traffic crash in which one or more persons were killed.

**Injury Crash** - A motor vehicle traffic crash involving one or more persons who were physically harmed or who complained of physical harm but were not killed.

**Property Damage Crash** - A motor vehicle traffic crash involving property damage and no injury or death.

**CRASH TYPE** -The category that best describes the general type of collision which was the first harmful event, that is, the first occurrence of injury or damage.

**FATALITY RATE** - The number of persons killed per 100 million vehicle miles traveled.

**DRIVER/OPERATOR** - The occupant of a vehicle who is in actual physical control of a vehicle in transit or, for an out-of-control vehicle, the occupant who was in control before control was lost.

**FIRE-RELATED CRASH** - Combustion, explosion or burning of a unit related to a motor vehicle crash regardless of whether a collision occurs.

**FIRST HARMFUL EVENT** - The first occurrence of injury or property damage in a motor vehicle crash.

**HAZARDOUS MATERIAL SPILLAGE** - A load spilled from a cargo-carrying vehicle that is considered dangerous or involves risk.

## INJURY SEVERITY

**K - Fatal Injury** - An injury received in a traffic crash that results in death within thirty (30) days of the crash.

**A - Incapacitating Injury** - An injury, other than fatal, that prevents walking, driving, or performing other activities that were performed before the crash.

**B - Nonincapacitating Injury** - An injury, other than fatal or incapacitating, that is evident at the scene. Evidence includes known symptoms.

**C - Possible Injury** - Any injury that is not evident at the scene but that is claimed by the individual or suspected by the law enforcement officer.

**INTERSECTION** - An area that contains a crossing or connection of two or more roadways not classified as driveway access and within the prolongation of the lateral curb lines. If no curb exists, it is the area within the extension of the lateral boundary lines of the roadway of two joined traffic ways.

**INTERSECTION RELATED** - A crash resulting from an activity, behavior, or traffic control that affects a unit's movement in relation to an intersection, whether or not the point of origin or first harmful event occurred within the intersection.

**MOTOR VEHICLE** - A self-propelled vehicle, including trailers and semitrailers designed for use with such vehicles, but does not include farm tractors, implements of husbandry, road machinery, well drillers or snowmobiles which are classified as equipment. (See unit type.)

**MOTOR VEHICLE IN TRANSPORT** - A motor vehicle in operation (i.e. not parked).

**MOTOR VEHICLE IN TRANSPORT IN OTHER ROADWAY** - A collision of a vehicle with another vehicle after crossing a separation area between two parallel roadways (e.g. vehicle left freeway and hit another vehicle on a frontage road).

**NON-COLLISION CRASH** - Any motor vehicle crash other than a collision crash, including explosion of any part of the motor vehicle, fire starting in the motor vehicle, overturning, immersion, vehicle struck by a flying object, etc.

**OCCUPANT** - Any person who is in or upon a vehicle, including the driver, passenger, and persons riding on the outside of the vehicle.

**PASSENGER** - Any occupant of a vehicle who is not the driver.

**POINT OF ORIGIN** - The location point where a crash begins from an activity affecting a unit's movement.

**REPORTABLE CRASH** - A crash resulting in injury or death of any person, any damage to government-owned non-vehicle property to an apparent extent of \$200 or more, or total damage to property owned by any one person to an apparent extent of \$1,000 or more. (Note: This definition went into effect 1/1/96. See page 2.)

**ROLE** - The function of the person at the time of the crash, such as: driver, owner, passenger, injured property owner, bicyclist, or pedestrian.

**RURAL CRASH** - A crash that occurred in an unincorporated area or in an incorporated area with a population under 5,000.

**SPEED-RELATED CRASH** - A crash where at least one driver involved in the crash received a citation for speeding, or was listed on the accident report as "exceeding speed limit" or "speed too fast/conditions."

**TRAFFIC WAY** - Premises open to the public as a matter of right or custom for use of their motor vehicles whether the premises are publicly or privately owned.

**UNIT TYPE** - A way of identifying a road vehicle or a pedestrian involved in a crash. There are seven general categories of unit type:

**Auto** - Passenger car, police car, ambulance, etc.

**Truck** - Utility truck, straight truck, fire truck, truck tractor (not attached, semi attached, double bottom), motor home, etc.

**Motorcycle** - Motorcycle, moped, motor scooter, etc.

**Bus** - School bus, passenger bus, etc.

**Equipment** - Farm tractor and other self-propelled farm equipment, other working machines (e.g., forklift, grader, end loader, etc.), railroad train, snow plow, snowmobile, all-terrain vehicle, and miscellaneous.

**Bicycle** - Every non-motorized device propelled by the feet acting upon the pedals including unicycles, bicycles, tricycles, etc.

**Pedestrian** - Any person afoot including someone getting on or off a vehicle.

**URBAN CRASH** - A crash that occurred within the limits of an incorporated area having a population of 5,000 or more.

**VEHICLE MILES** - The estimated total number of annual miles traveled by motor vehicles on Wisconsin highways and roadways.

**VEHICLE TYPE** - A way of further classifying a unit type by vehicle use and registration.