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1999 Iowa Crash Facts



**A Summary of Motor Vehicle Crash
Statistics on Iowa Roadways**

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The Iowa Department of Transportation would like to thank all enforcement agencies and peace officers for their work on crash investigations which make this report possible. All information concerning Iowa traffic crashes was taken from report forms provided by investigating officers and drivers involved in crashes.

All statistics are gathered and calculated by the Iowa Department of Transportation's Office of Driver Services. National statistics are obtained from "Traffic Safety Facts 1999" published by the U.S. Department of Transportation's National Highway Traffic Safety Administration. Population numbers are obtained from the U.S. Bureau of Census as prepared by the State Library of Iowa, State Data Center Program.

This publication provides information to safety professionals and other concerned citizens to promote a safer driving environment. We hope that this year's publication of **Iowa Crash Facts** provides the information you need.

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DEPARTMENT OF
TRANSPORTATION

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This publication is also available at the
Iowa Motor Vehicle Division's Website at www.dot.state.ia.us/mvd

Glossary

Crash Rate The number of crashes per vehicle miles traveled.

Alcohol-Related A crash where either a driver, pedalcyclist or pedestrian is listed on the motor vehicle crash report as drinking prior to the crash.

BAC Blood alcohol content; the percent of alcohol measured in blood.

Fatal Crash A crash in which one or more persons are killed.

Fatality A person killed as a result of a crash.

Fatality Rate The number of fatalities per vehicle miles traveled.

FTYROW (Failed to Yield Right of Way). Used in Driver/Vehicle Related Contributing Circumstances (e.g., Failed to Yield Right of Way from Stop Sign).

Maintenance & Construction Vehicles Large motor vehicles used for maintenance, building or construction (e.g., snowplows, graders, dump trucks, mobile cranes, garbage trucks).

Injury Crash A crash in which no one is killed but one or more persons are injured.

Non-Vehicle/Non-Pedestrian Persons who are not an occupant or rider of a vehicle nor would they be considered a pedestrian (e.g., rider of a horse, occupant of a buggy pulled by an animal, occupant of a train or a building).

Motor Home A large motor vehicle equipped as living quarters and most often used in camping (e.g., Gulfstream, Winnebago).
See also recreational vehicle.

Occupant Restraints Safety belts, child safety seats or passive restraints. *See also protective devices.*

Pedalcycle Any vehicle propelled solely by human-powered pedals (e.g., bicycle, tricycle, big wheel).

Property Crash A crash in which no one is killed or injured but there is property damage of \$1,000 or more.

Protective Devices May include seat belts, lap and shoulder belts, child restraints, air bags, helmets and passive belts. On the current reporting form there is no standardized reporting system for air bag deployment. Therefore, air bag deployment is included at the officer's discretion.

Recreational Vehicle A motorized vehicle with an unenclosed driver/passenger area most often driven off-road and used for sport and recreational purposes (e.g., all-terrain vehicles (ATVs), four-wheelers). *See also motor home.*

Sport Utility Vehicle (SUV) A large motor vehicle where the passenger and cargo area are enclosed in a single compartment (e.g., Ford Bronco, Jeep Cherokee, Chevy Blazer)

Traffic Crash Iowa law requires motorists to report any motor vehicle crash which involved one or more vehicles and results in death, injury or property damage of at least \$1,000. The information in this report is based only on those crashes which occur on public roads.

Vans includes panel trucks and passenger, commercial and step vans.

General Summary

Fast Facts—A General Summary of Motor Vehicle Crashes in Iowa

In Iowa there were . . .

1 crash every 7.95 minutes.

1 driver out of 19.44 involved in a crash.

1.34 lives lost each day because of traffic crashes;

A total of 490 lives were lost in 1999.

101.15 persons were injured each day because of traffic crashes;

A total of 36,920 persons were injured in 1999.

In Iowa, motor vehicle crashes increased 0.69% in 1999 from the 64,041 crashes recorded in 1998;

Fatalities increased 8.37% from the 449 fatalities recorded in 1998.

Nationally there were . . .

41,611 fatalities, a 0.26% increase from the 41,501 fatalities in 1998;

37,043 fatal crashes, a 0.17% decrease from the 37,107 fatal crashes in 1998.

Summary of All Crashes

Type of Crash & Crash Victim	All Crashes	Fatal Crashes	Personal Injury Crashes	Property Damage Crashes
Crashes	64,485	428	23,932	40,125
Fatalities & Injuries	37,410			
Fatalities	490	490		
Injuries	36,920	456	36,464	
Vehicles	114,300	737	44,353	69,210
Vehicle Occupants	Involved	165,294	1,174	68,344
	Killed	471	471	
	Injured	36,288	451	35,837
Vehicle Drivers	Involved	107,584	719	43,032
	Killed	328	328	
	Injured	24,752	233	24,519
Vehicle Passengers	Involved	57,710	455	25,312
	Killed	143	143	
	Injured	11,536	218	11,318
Pedestrians	Involved	642	18	624
	Killed	17	17	
	Injured	625	1	624
Non-Vehicle Non-Pedestrians	Involved	9	6	3
	Killed	2	2	
	Injured	7	4	3

NOTE: "Occupants" refers to both vehicle drivers and passengers.

"Involved" may include drivers/passengers of a vehicle or pedestrians who are neither injured or killed.

"Non-Vehicle Non-Pedestrians" are persons who were not in a vehicle nor would be considered a pedestrian (e.g., riders of a horse or horse and buggy, occupants of a train or building).

General Summary

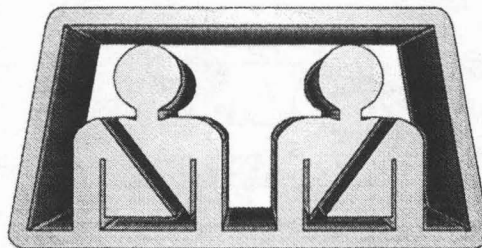
Summary of Alcohol-Related Crashes

Type of Alcohol-Related Crash & Crash Victim		All Crashes	Fatal Crashes	Personal Injury Crashes	Property Damage Crashes
Crashes		2,761	115	1,543	1,103
Fatalities & Injuries		2,577			
Fatalities		132	132		
Injuries		2,445	94	2,351	
Vehicles		4,289	176	2,304	1,809
Vehicle Occupants	Involved	5,926	288	3,441	2,197
	Killed	130	130		
	Injured	2,365	94	2,271	
Vehicle Drivers	Involved	3,821	165	2,161	1,495
	Killed	90	90		
	Injured	1,550	48	1,502	
Vehicle Passengers	Involved	2,105	123	1,280	702
	Killed	40	40		
	Injured	815	46	769	
Pedestrians	Involved	81	2	79	
	Killed	2	2		
	Injured	79	0	79	
Non-Vehicle Non-Pedestrians	Involved	1	0	1	
	Killed	0	0		
	Injured	1	0	1	

NOTE: "Occupants" refers to both vehicle drivers and passengers.

"Involved" may include drivers/passengers of a vehicle or pedestrians who are neither injured or killed.

"Non-Vehicle Non-Pedestrians" are persons who were not in a vehicle nor would be considered a pedestrian (e.g., riders of a horse or horse and buggy, occupants of a train or building).



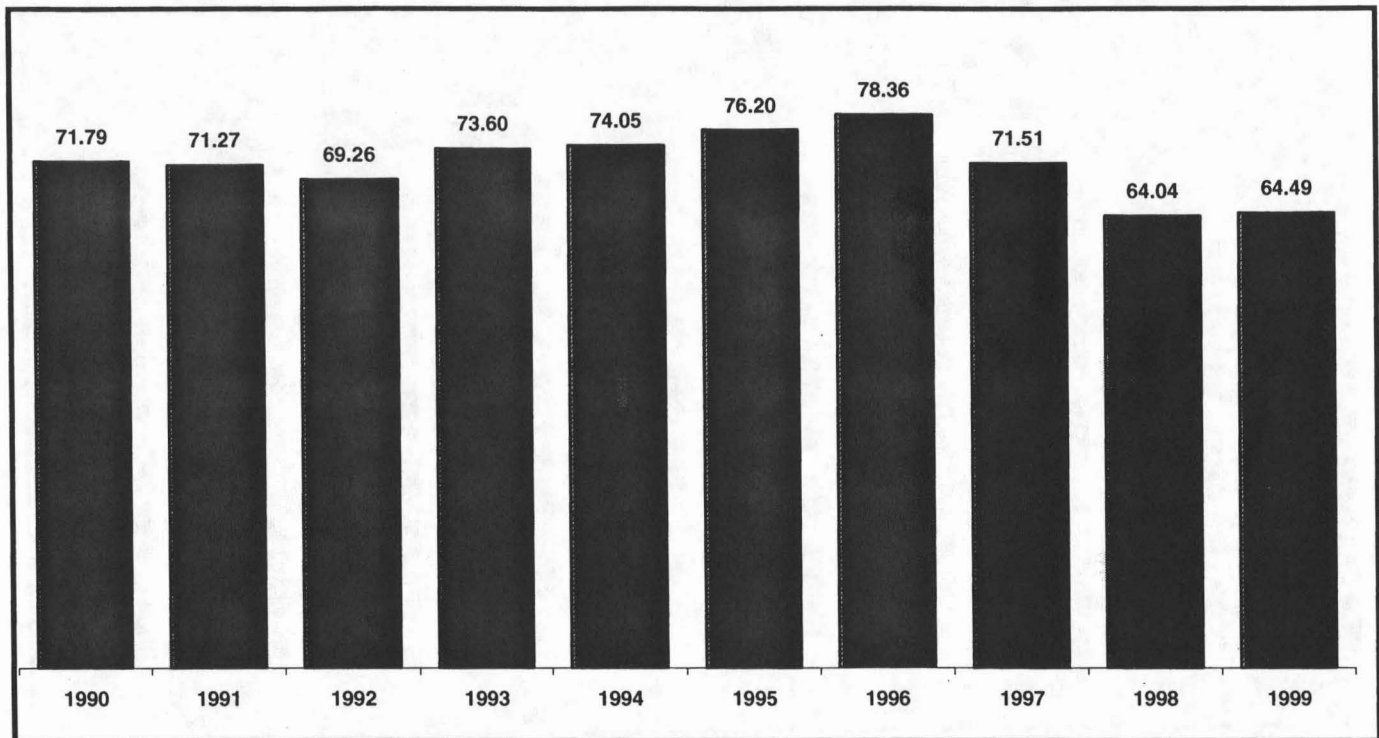
Summary of Protective Device Usage

Protective Device Used	Severity of Injury									
	Fatal		Major (Incapacitating)		Minor (Bruises/Abrasions)		Possible (Complaint of Pain)		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
None Used	211	44.80%	1,007	28.73%	5,389	16.44%	0	0.00%	6,607	17.97%
Lap Belt	11	2.34%	138	3.94%	1,745	5.32%	0	0.00%	1,894	5.15%
Lap & Shoulder Belt	139	29.51%	1,359	38.77%	16,048	48.96%	1	33.33%	17,547	47.74%
Airbag Deployed	9	1.91%	102	2.91%	754	2.30%	0	0.00%	865	2.35%
Child Restraint	2	0.42%	21	0.60%	341	1.04%	0	0.00%	364	0.99%
Helmet	8	1.70%	47	1.34%	149	0.45%	0	0.00%	204	0.55%
Passive Restraint	1	0.21%	7	0.20%	43	0.13%	0	0.00%	51	0.14%
Other	1	0.21%	35	1.00%	115	0.35%	0	0.00%	151	0.41%
Unknown	89	18.90%	789	22.51%	8,196	25.00%	2	66.67%	9,076	24.69%
Total	471	100.00%	3,505	100.00%	32,780	100.00%	3	100.00%	36,759	100.00%

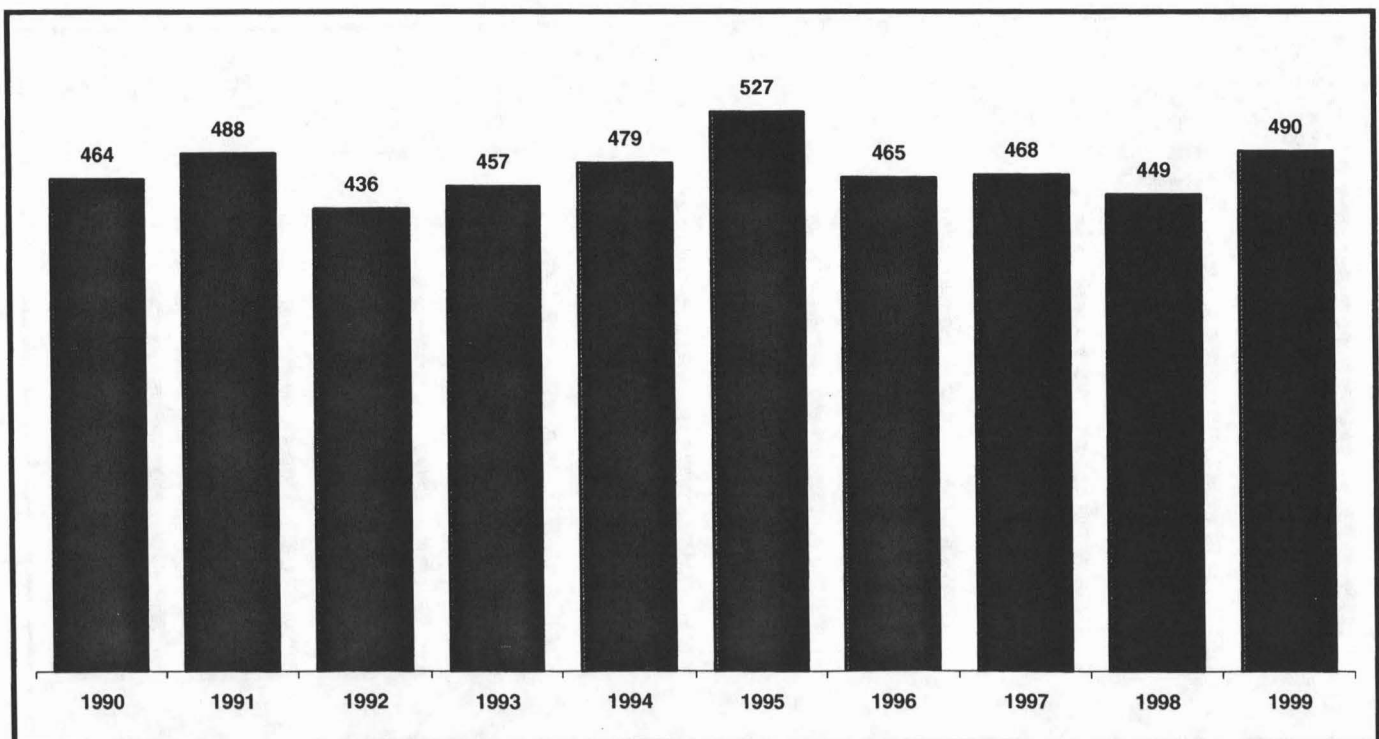
NOTE: Does not include pedestrians.

10-Year Iowa Statistics

All Crashes In Thousands

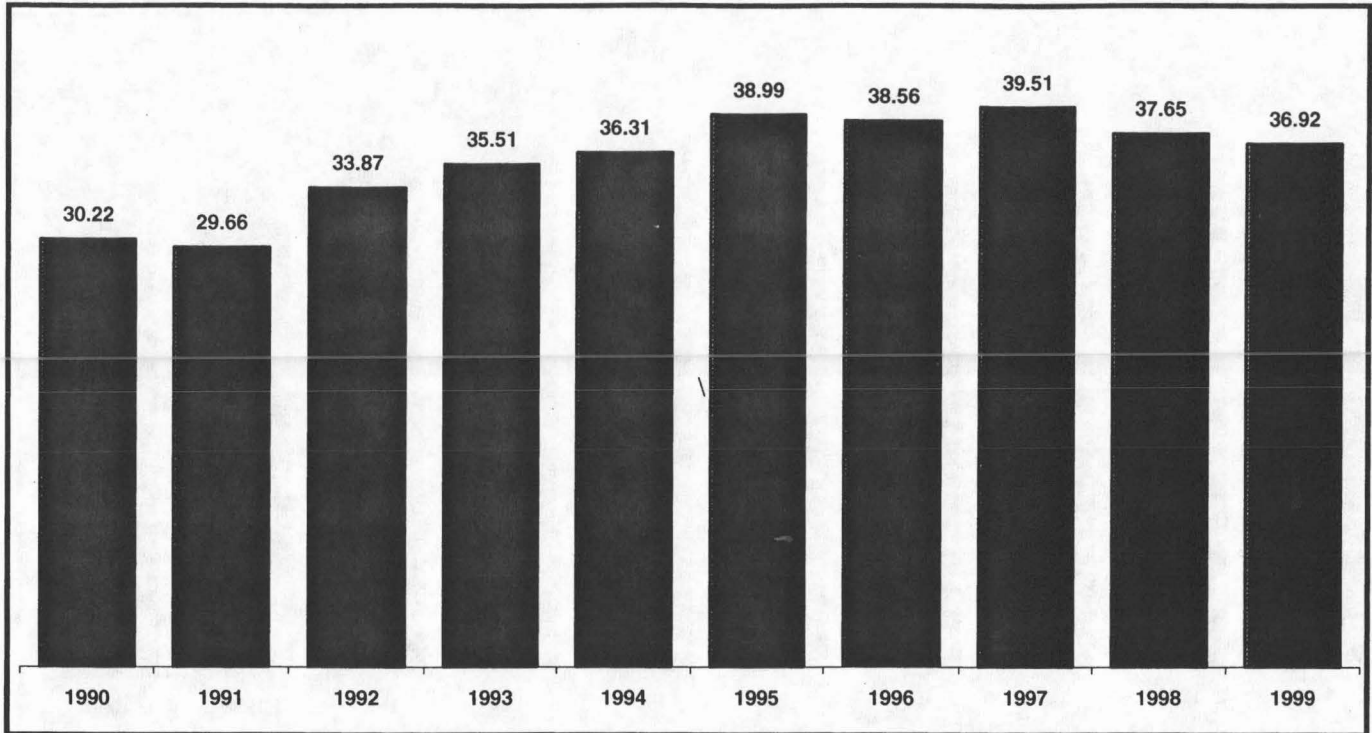


Fatalities

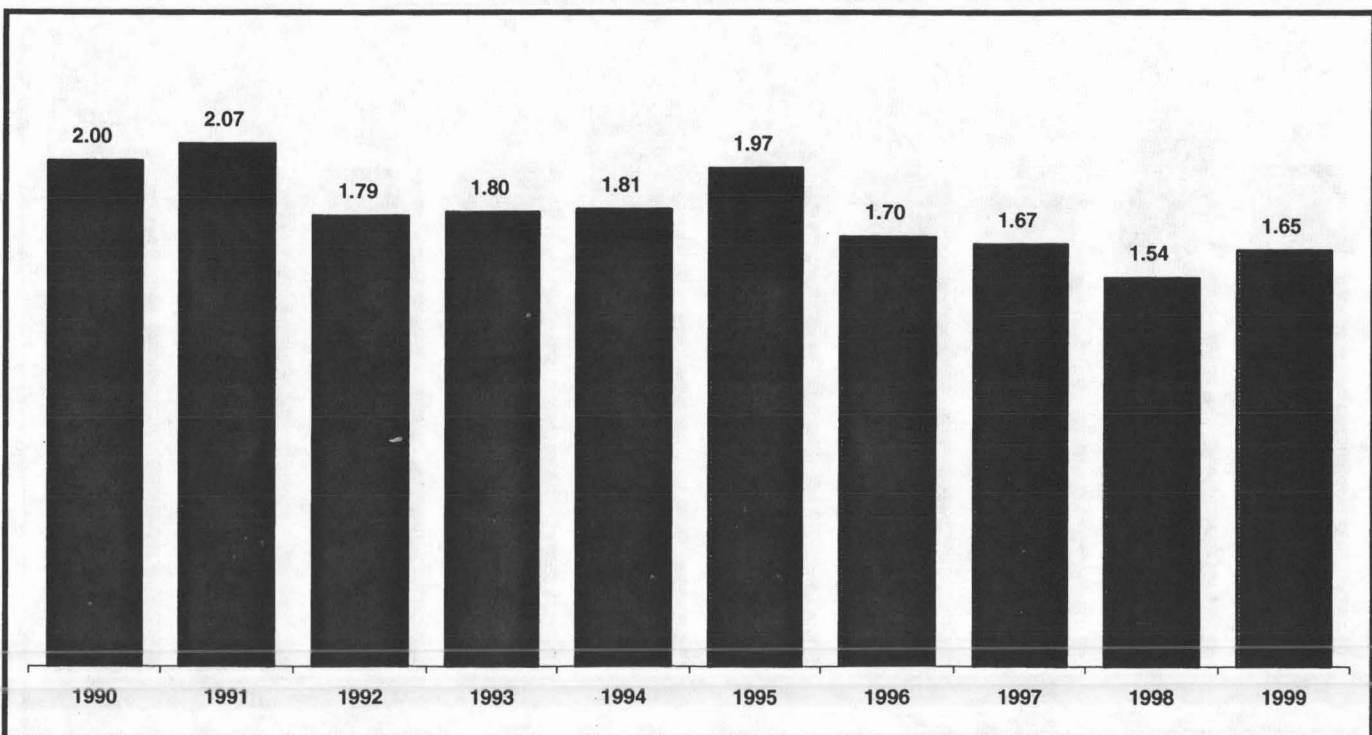


10-Year Iowa Statistics

Injuries In Thousands

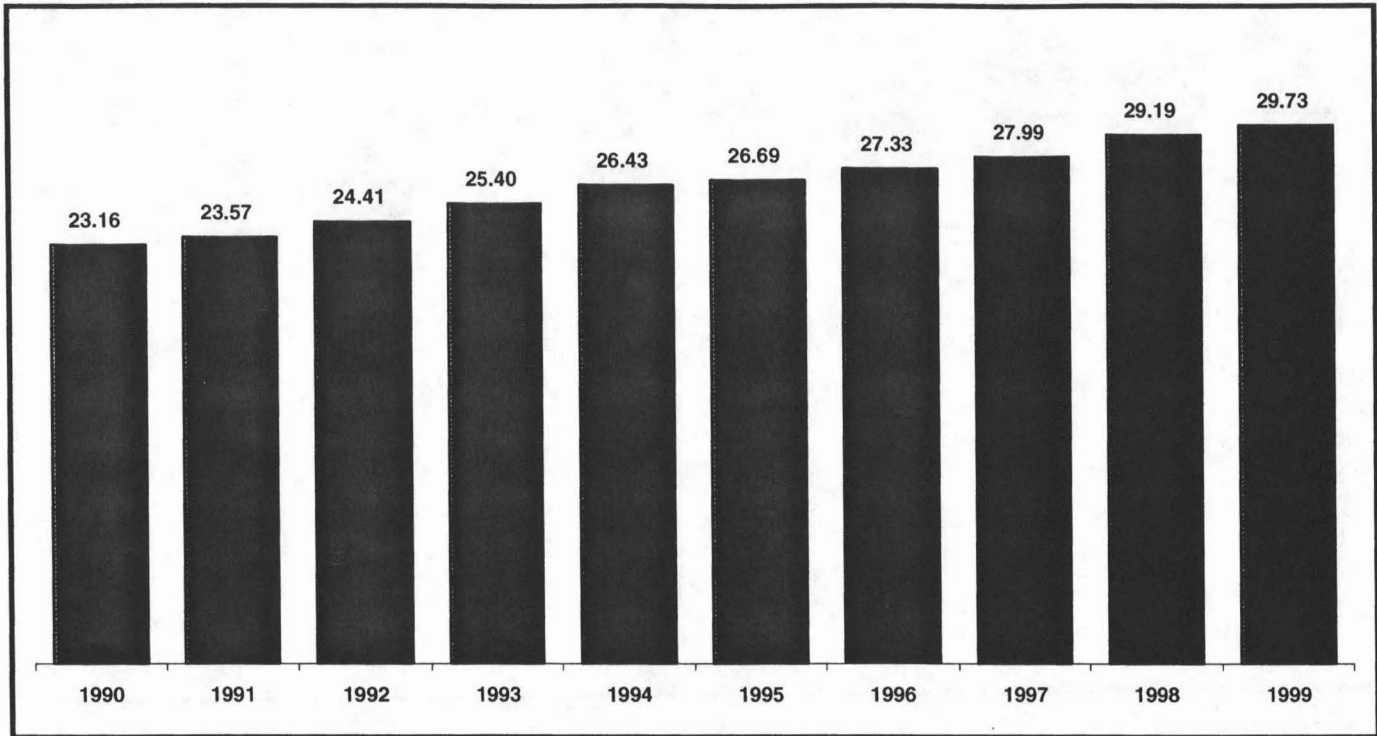


Iowa Death Rate Deaths per 100 Million Miles Traveled

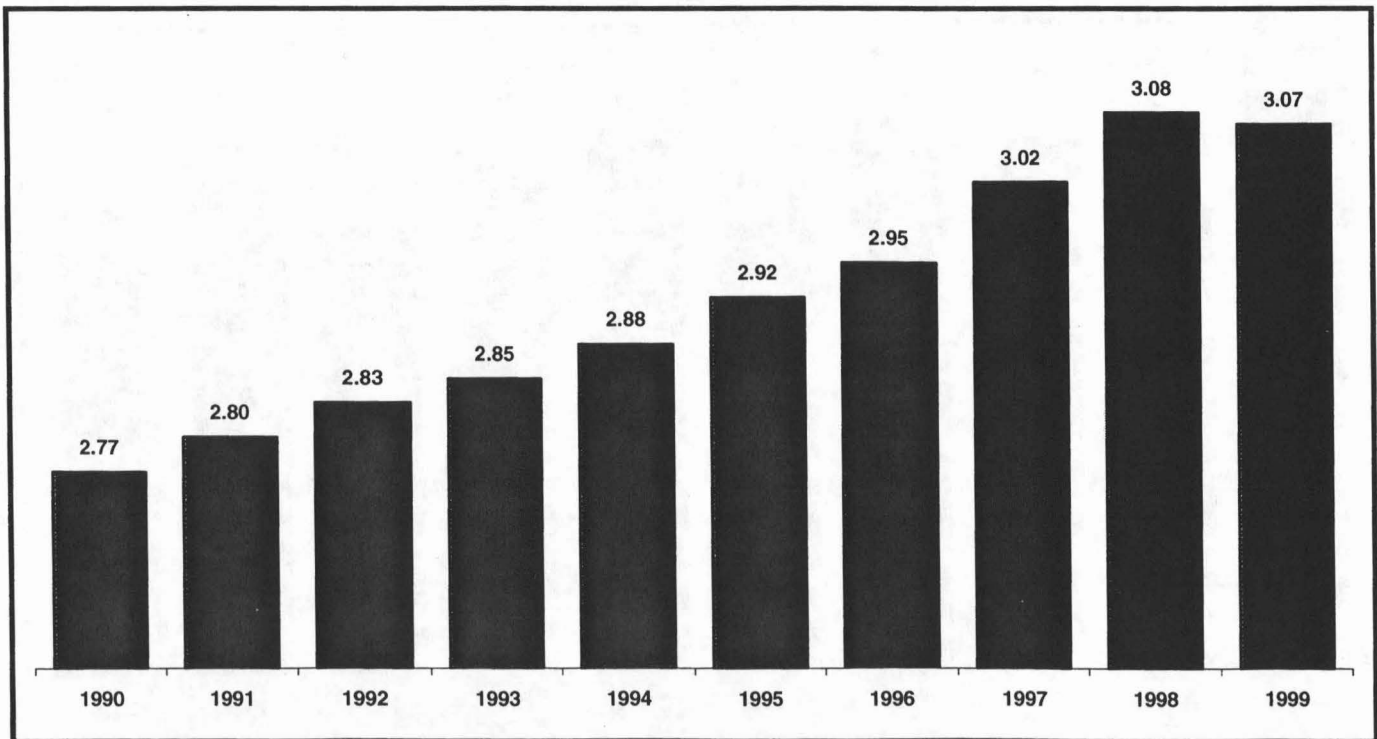


10-Year Iowa Statistics

Vehicle Miles Traveled In Billions

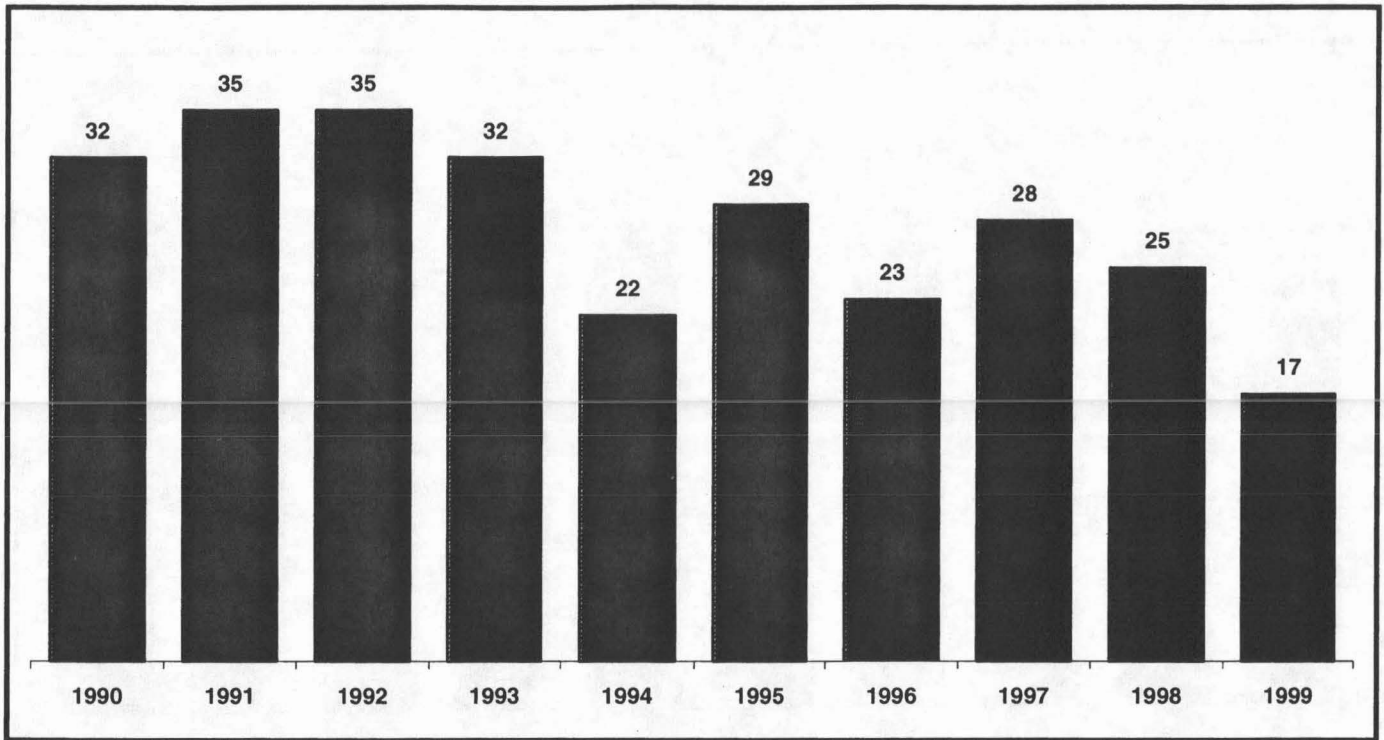


Motor Vehicle Registrations In Millions

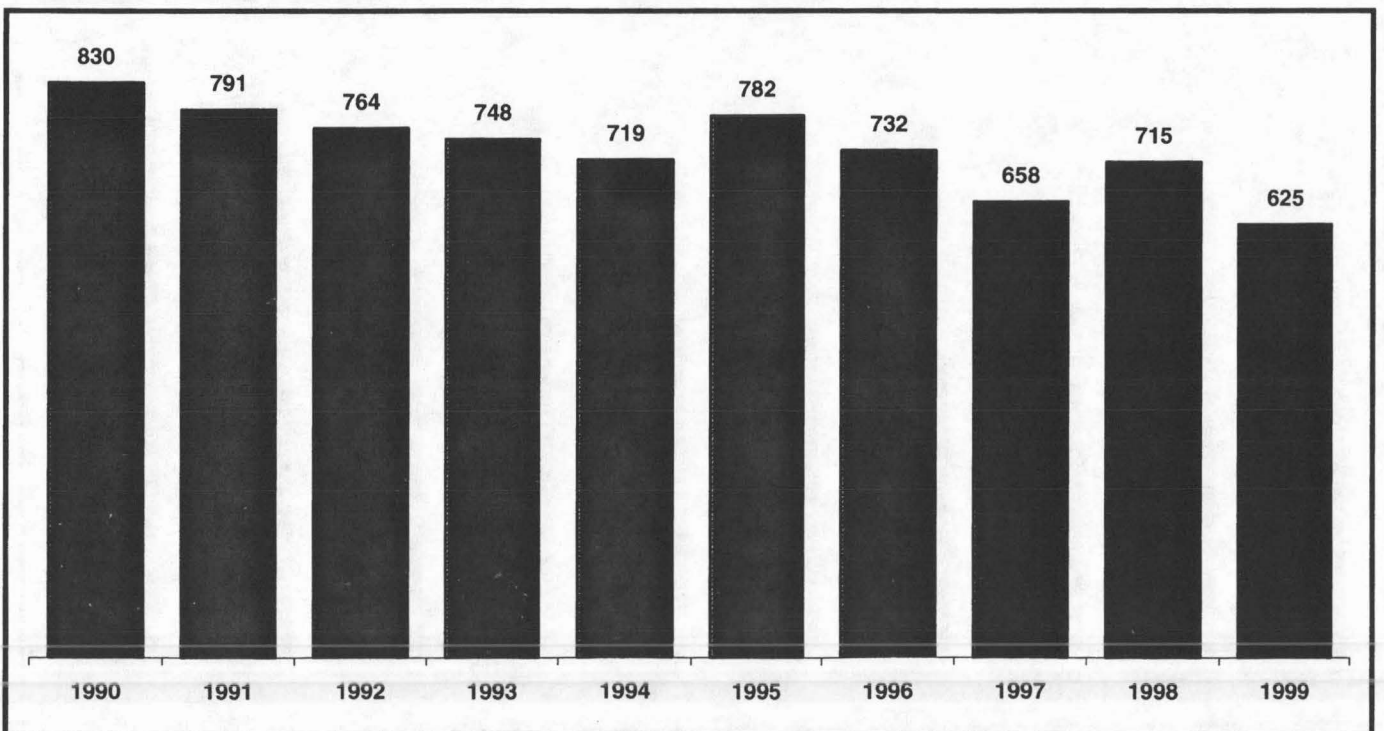


10-Year Iowa Statistics

Pedestrian Fatalities

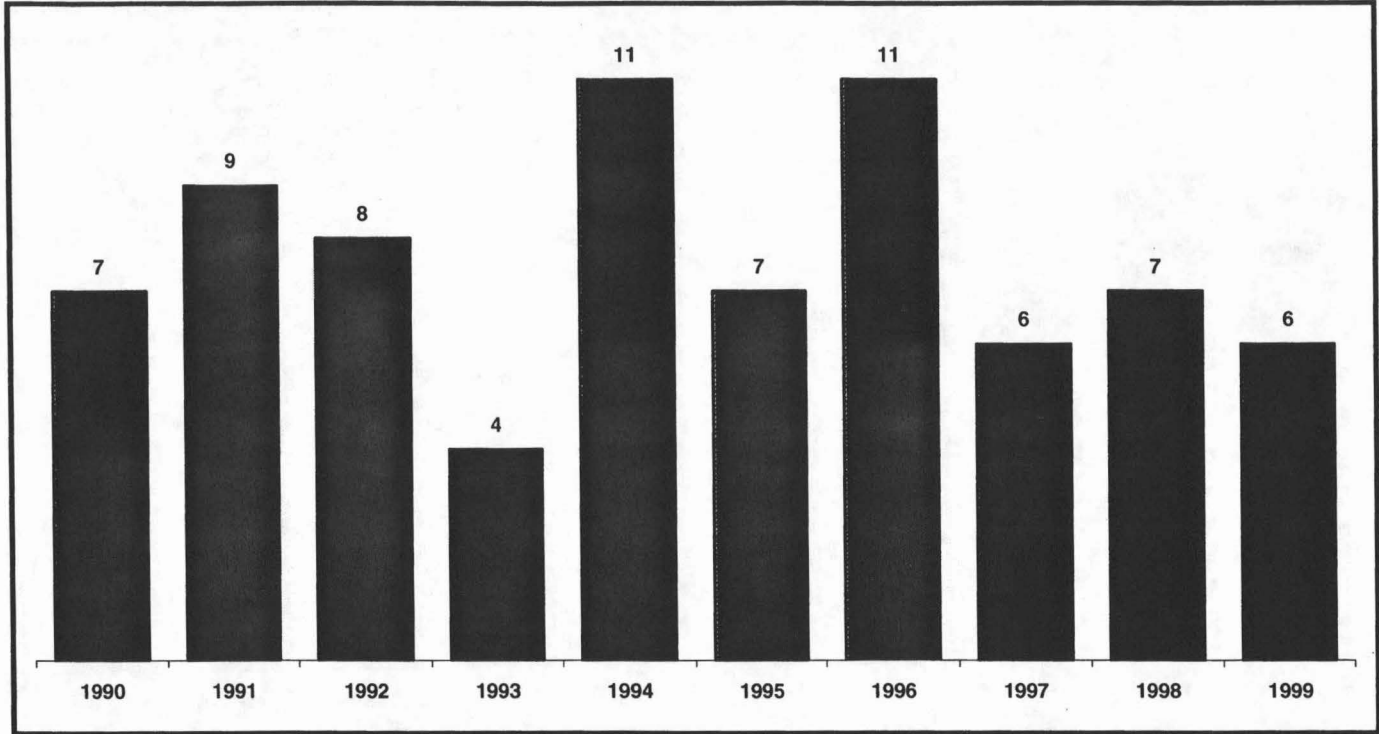


Pedestrian Injuries

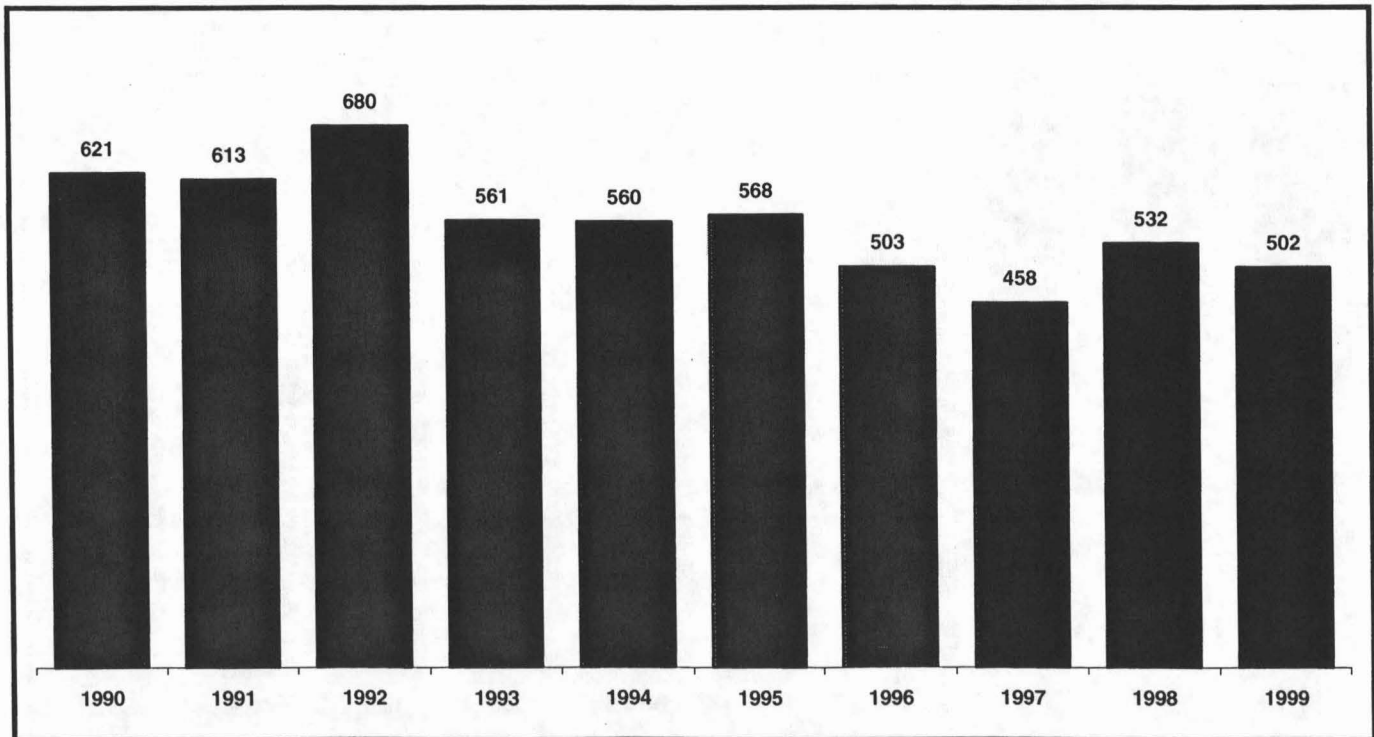


10-Year Iowa Statistics

Pedalcycle Fatalities

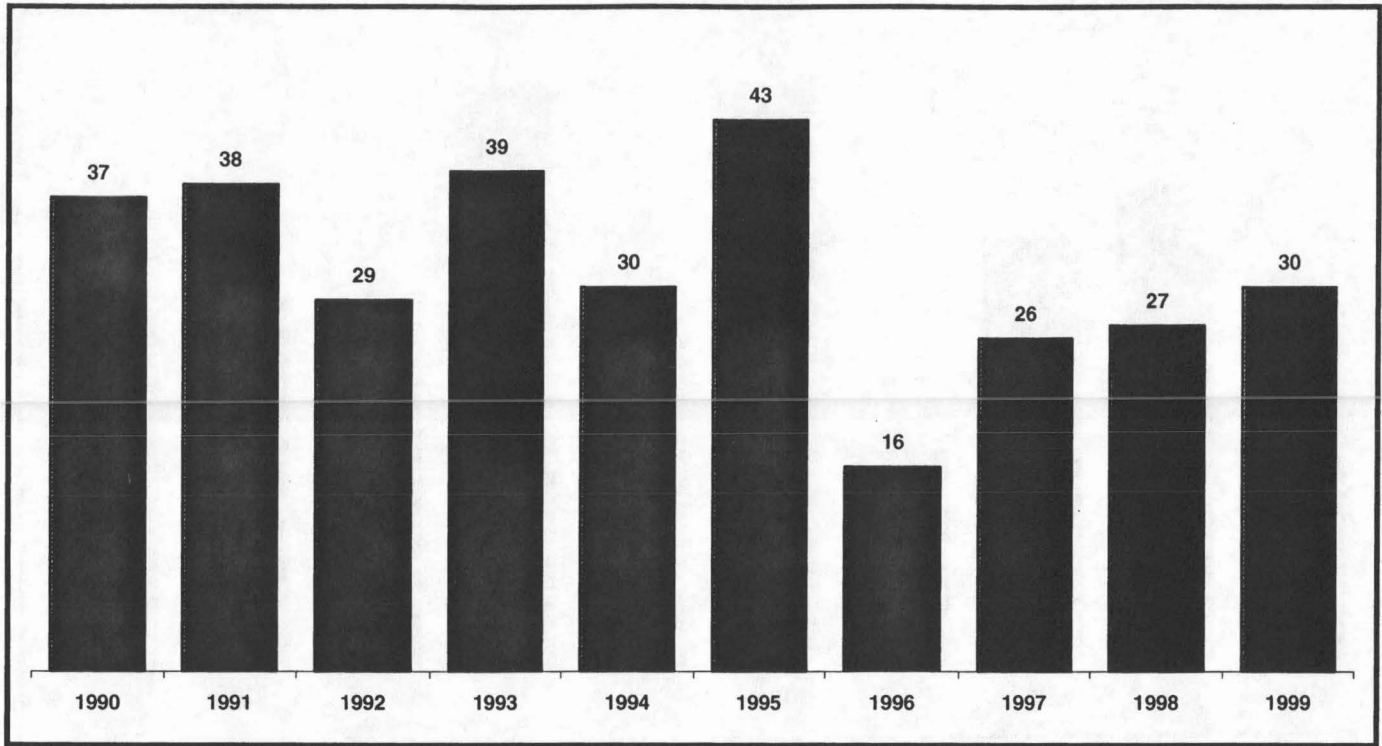


Pedalcycle Injuries

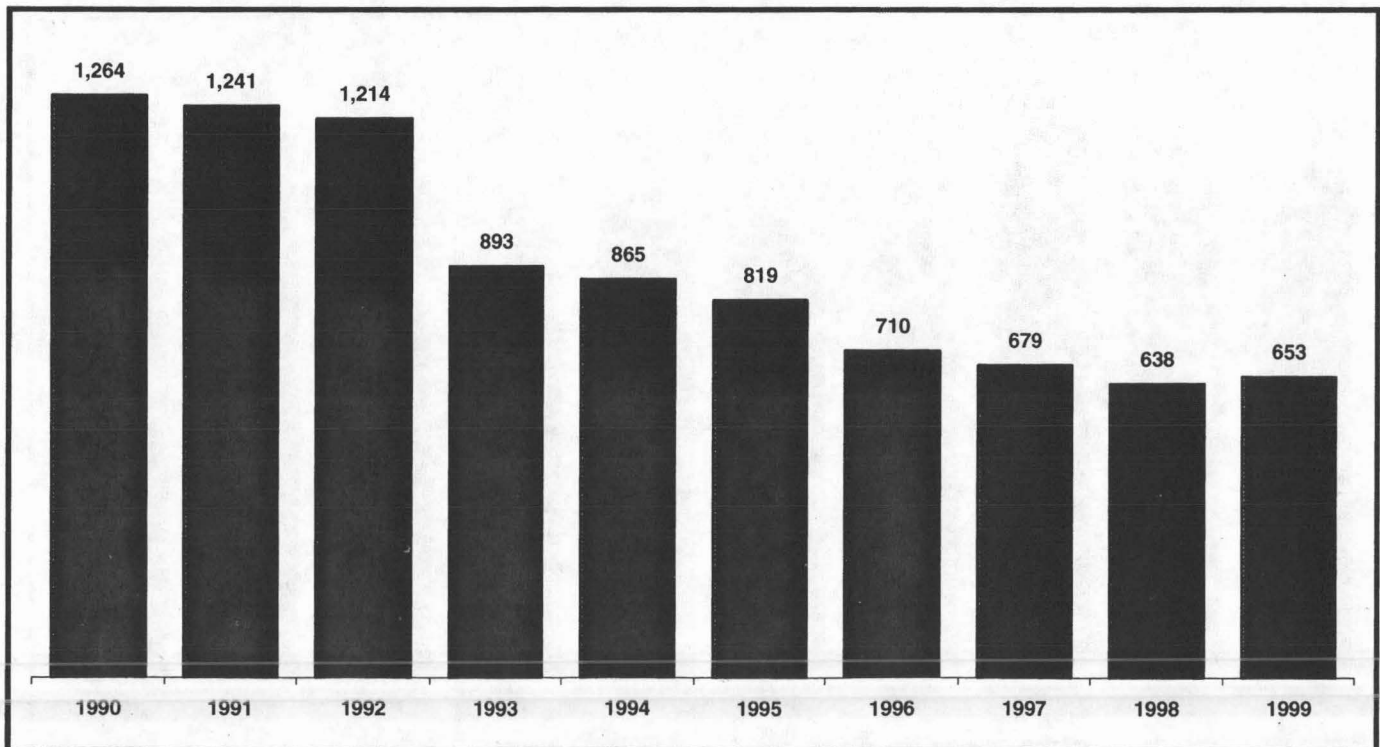


10-Year Iowa Statistics

Motorcyclist Fatalities

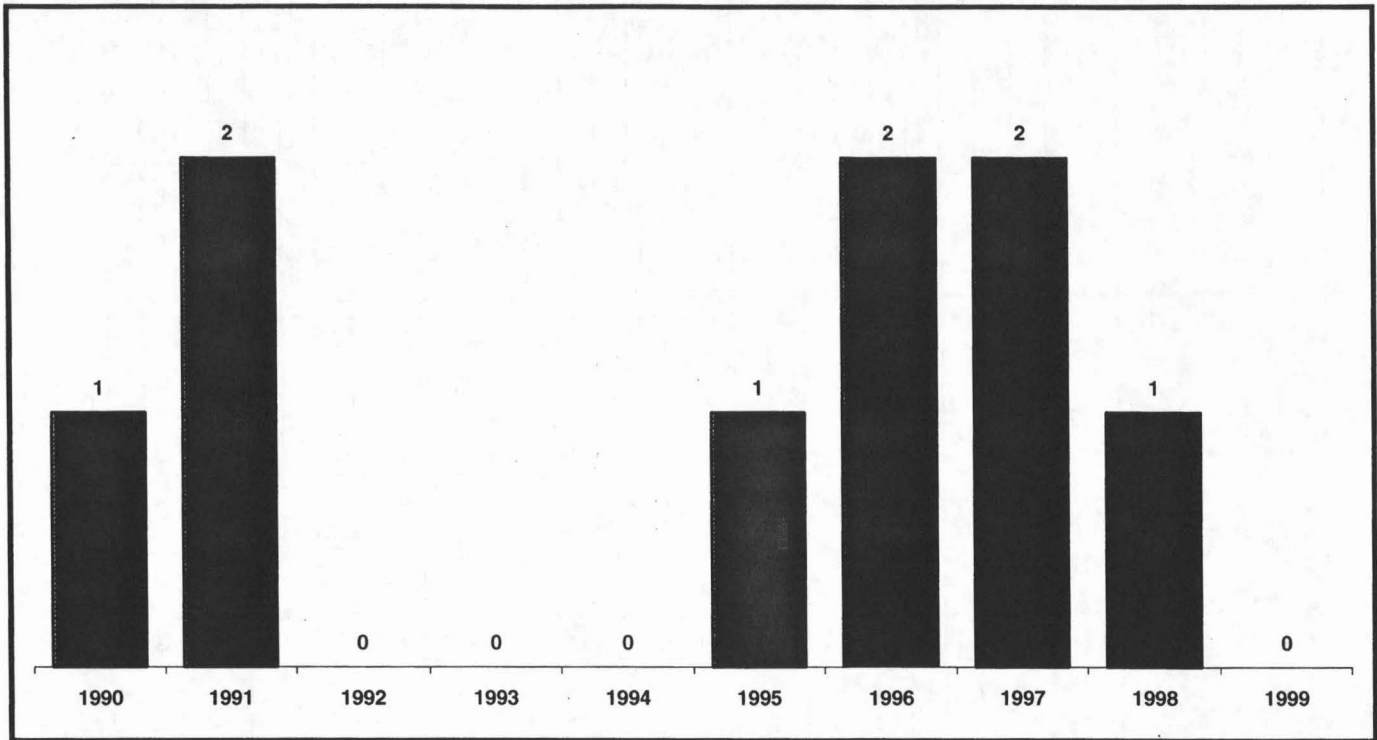


Motorcyclist Injuries

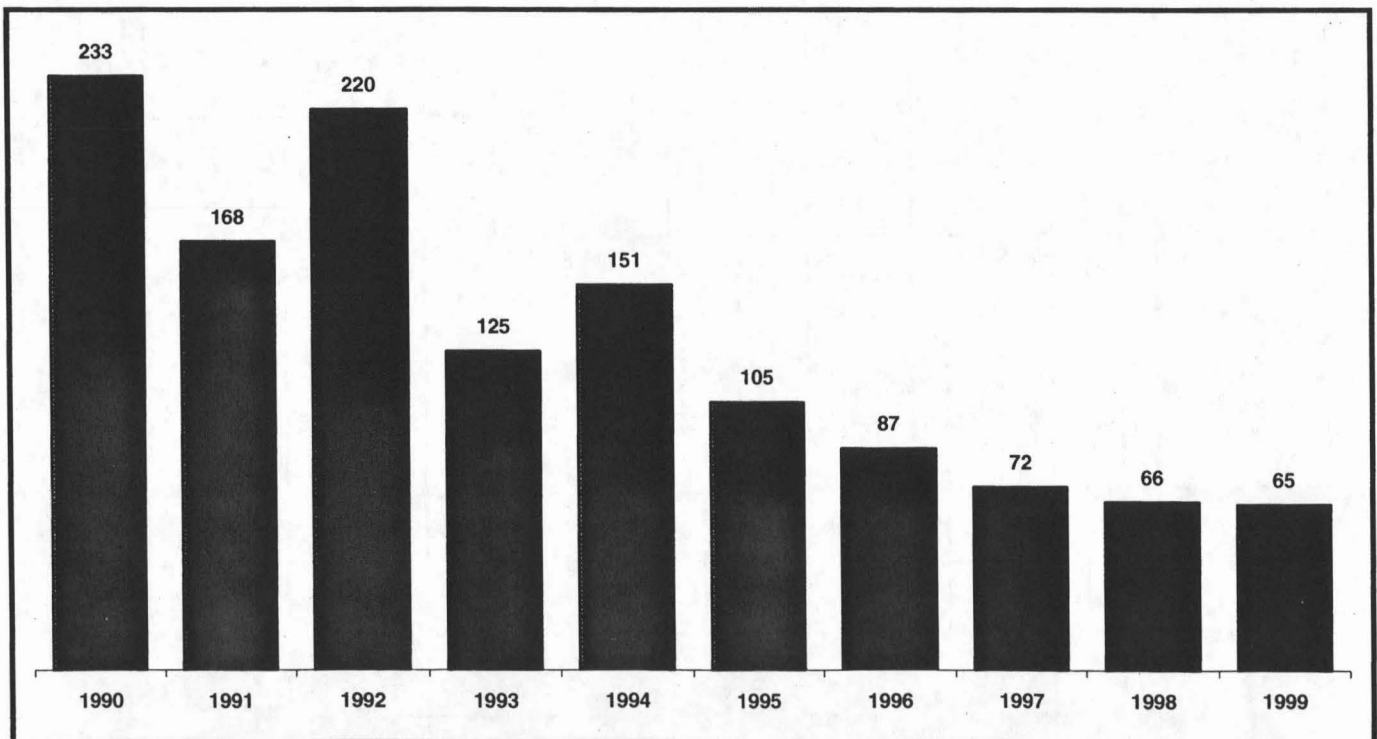


10-Year Iowa Statistics

Moped Fatalities



Moped Injuries

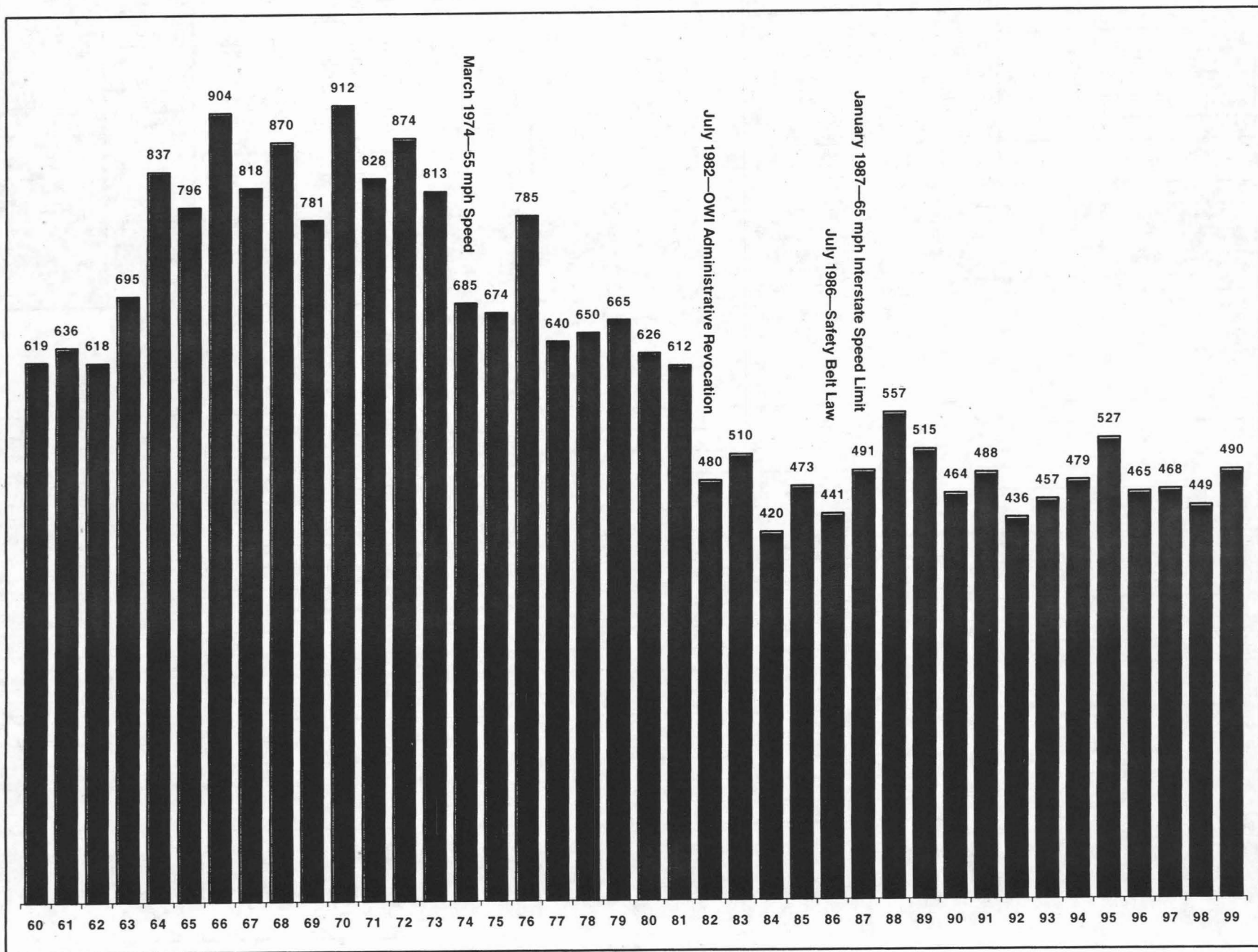


30-Year Iowa Crash Statistics

Year	Fatalities	Injuries	Crashes			Vehicle Miles Traveled (Million)	Vehicle Miles Traveled			Licensed Drivers	Motor Vehicle Registrations
			Fatal	Injury	All		Fatal Crash Rate	Total Crash Rate	Fatality Rate		
1970	912	33,101	752	22,339	87,808	16,053	4.68	546.99	5.68	1,678,262	1,839,530
1971	828	31,599	681	21,411	87,100	16,582	4.11	525.27	4.99	1,704,137	1,916,850
1972	875	35,484	722	23,814	91,918	17,127	4.22	536.68	5.11	1,752,595	2,012,245
1973	813	35,059	682	24,683	96,620	17,691	3.86	546.15	4.60	1,787,169	2,095,330
1974	685	31,741	583	22,851	91,117	17,250	3.38	528.21	3.97	1,846,870	2,178,530
1975	674	32,802	578	23,082	94,825	17,853	3.24	531.14	3.78	1,865,754	2,250,417
1976	785	34,096	663	24,218	98,000	18,441	3.60	531.42	4.26	1,959,150	2,300,721
1977	640	32,289	561	22,358	87,771	19,028	2.95	461.27	3.36	2,085,647	2,356,327
1978	650	31,631	563	21,651	91,213	19,467	2.89	468.55	3.34	2,398,656	2,474,790
1979	655	29,972	566	20,727	86,969	18,959	2.99	458.72	3.45	2,419,501	2,540,547
1980	626	29,100	541	20,280	77,800	18,305	2.96	425.02	3.42	2,408,793	2,554,379
1981	612	28,776	529	19,945	68,263	18,715	2.83	364.75	3.27	2,472,614	2,592,604
1982	480	25,905	431	17,933	61,549	19,391	2.22	317.41	2.48	1,977,911	2,577,994
1983	510	26,050	434	18,049	61,190	19,712	2.20	310.42	2.59	1,998,982	2,542,267
1984	420	27,868	376	19,378	62,818	20,481	1.84	306.71	2.05	2,000,085	2,655,529
1985	473	26,988	415	18,752	63,624	20,104	2.06	316.47	2.35	1,970,272	2,796,172
1986	441	26,669	388	18,522	61,683	20,481	1.89	301.17	2.15	1,949,108	2,841,138
1987	491	27,074	443	18,695	63,458	20,824	2.13	304.73	2.36	1,897,495	2,892,994
1988	557	27,578	494	19,123	67,901	21,834	2.26	310.99	2.55	1,940,463	2,701,924
1989	515	29,597	452	20,612	70,716	22,509	2.01	314.17	2.29	1,976,726	2,730,604
1990	464	30,222	403	20,577	71,792	23,164	1.74	309.93	2.00	1,922,750	2,771,940
1991	488	29,663	423	20,034	71,271	23,571	1.79	302.37	2.07	1,963,975	2,802,036
1992	436	33,876	387	23,012	69,261	24,411	1.59	283.73	1.79	2,025,592	2,830,151
1993	457	35,510	399	24,503	73,608	25,396	1.57	289.84	1.80	2,041,713	2,851,302
1994	479	36,315	416	24,763	74,048	26,434	1.57	280.12	1.81	2,060,651	2,885,112
1995	527	38,992	446	26,213	76,203	26,687	1.67	285.54	1.97	2,070,341	2,920,666
1996	465	38,562	411	25,297	78,357	27,332	1.50	286.69	1.70	2,069,241	2,946,853
1997	468	39,513	411	25,511	71,512	27,990	1.47	255.49	1.67	2,069,792	3,027,355
1998	449	37,652	386	24,471	64,041	29,191	1.32	219.39	1.54	2,091,491	3,083,476
1999	490	36,920	428	23,932	64,485	29,726	1.44	216.93	1.65	2,091,688	3,070,856

NOTE: All crash figures for 1976, except for fatal crashes, are estimated because of missing data.
 Beginning in 1978, motor vehicle registrations excludes official vehicles, trailers, travel trailers, miscellaneous vehicles and trucks licensed to more than one state.
 Beginning with 1979, figures for fatalities and fatal crashes are based on persons who died within 30 days of the crash.
 Beginning in 1987, the drop in number of licensed drivers is due to more accurate methods of computation and multiple licenses only counted once.

40-Year Iowa Fatalities



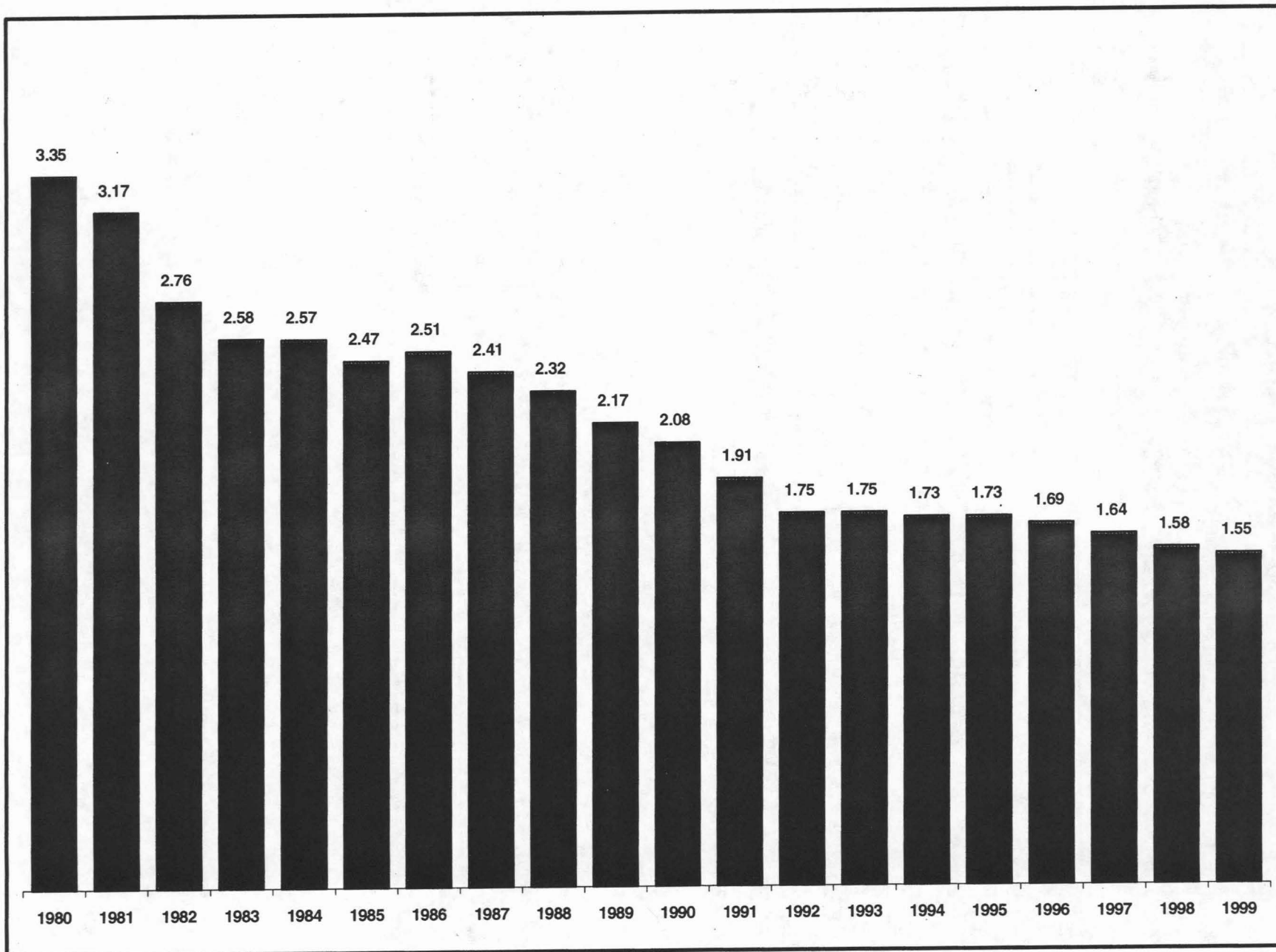
National Statistics—Fatal Crashes

Year	Fatalities	Fatal Crashes	Resident Population (Thousands)	Fatality Rate per 100,000 Population	Licensed Drivers	Fatality Rate per 100,000 Licensed Drivers	Motor Vehicle Registrations (Thousands)	Fatality Rate per 100,000 Registered Vehicles	Vehicle Miles Traveled	Fatality Rate per 100 Million Vehicle Miles Traveled
1980	51,091	45,284	227,225	22.48	145,295	35.16	146,845	34.79	1,527	3.35
1981	49,301	44,000	229,466	21.49	147,075	33.52	149,330	33.01	1,553	3.17
1982	43,945	39,092	231,664	18.97	150,234	29.25	151,148	29.07	1,595	2.76
1983	42,589	37,976	233,792	18.22	154,289	27.60	162,830	26.16	1,653	2.58
1984	44,257	39,631	235,825	18.77	155,424	28.48	158,900	27.85	1,720	2.57
1985	43,825	39,168	237,924	18.42	156,868	27.94	166,047	26.39	1,774	2.47
1986	46,087	41,090	240,133	19.19	159,487	28.90	168,545	27.34	1,835	2.51
1987	46,390	41,438	242,289	19.15	161,818	28.67	172,750	26.85	1,921	2.41
1988	47,087	42,130	244,499	19.26	162,853	28.91	177,455	26.53	2,026	2.32
1989	45,582	40,741	246,819	18.47	165,555	27.53	181,165	25.16	2,096	2.17
1990	44,599	39,836	249,464	17.88	167,015	26.70	184,275	24.20	2,144	2.08
1991	41,508	36,937	252,153	16.46	168,995	24.56	186,370	22.27	2,172	1.91
1992	39,250	34,942	255,030	15.39	173,125	22.67	184,938	21.22	2,247	1.75
1993	40,150	35,780	257,783	15.58	173,149	23.19	188,350	21.32	2,297	1.75
1994	40,716	36,254	260,327	15.64	175,403	23.21	192,497	21.15	2,358	1.73
1995	41,817	37,241	262,803	15.91	176,628	23.68	197,065	21.22	2,423	1.73
1996	42,065	37,494	265,229	15.86	179,539	23.43	201,631	20.86	2,486	1.69
1997	42,013	34,324	267,784	15.69	182,709	22.99	203,568	20.64	2,562	1.64
1998	41,501	37,107	270,248	15.36	184,980	22.44	208,076	19.95	2,632	1.58
1999	41,611	37,043	272,691	15.26	187,170	22.23	212,685	19.56	2,691	1.55

National Statistics—Injury Crashes

Year	Injuries	Injury Crashes	Resident Population (Thousands)	Injury Rate per 100,000 Population	Licensed Drivers	Injury Rate per 100,000 Licensed Drivers	Motor Vehicle Registrations (Thousands)	Injury Rate per 100,000 Registered Vehicles	Vehicle Miles Traveled	Injury Rate per 100 Million Vehicle Miles Traveled
1989	3,284,000	2,153,000	246,819	1,330.53	165,555	1,983.63	181,165	1812.71	2,096	156.68
1990	3,231,000	2,122,000	249,464	1,295.18	167,015	1,934.56	184,275	1753.36	2,144	150.70
1991	3,097,000	2,008,000	252,153	1,228.22	168,995	1,832.60	186,370	1661.75	2,172	142.59
1992	3,070,000	1,991,000	255,030	1,203.78	173,125	1,773.29	184,938	1660.02	2,247	136.63
1993	3,149,000	2,022,000	257,783	1,221.57	173,149	1,818.66	188,350	1671.89	2,297	137.09
1994	3,266,000	2,123,000	260,327	1,254.58	175,403	1,862.00	192,497	1696.65	2,358	138.51
1995	3,465,000	2,217,000	262,803	1,318.48	176,628	1,961.75	197,065	1758.30	2,423	143.00
1996	3,483,000	2,238,000	265,229	1,313.20	179,539	1,939.97	201,631	1727.41	2,486	140.10
1997	3,348,000	2,149,000	267,784	1,250.26	182,709	1,832.42	203,568	1644.66	2,562	130.68
1998	3,192,000	2,029,000	270,248	1,181.14	184,980	1,725.59	208,076	1534.05	2,632	121.28
1999	3,236,000	2,054,000	272,691	1,186.69	187,170	1,728.91	212,685	1521.50	2,691	120.25

National Fatality Rate per 100 Million Miles Traveled



Who Was Involved in Crashes

Drivers Involved in Crashes by Age

Driver's Age	Licensed Drivers	Drivers Involved in All Crashes	Drivers Involved in Fatal Crashes	Crashes per 10,000 Drivers	Fatal Crashes per 10,000 Drivers	Percentage of Licensed Drivers	All Crashes Percentages	Fatal Crashes Percentage
Under 21								
14 & Under	18,758	313	6	3	3.20	0.90%	0.29%	0.83%
15	31,191	661	3	212	0.96	1.49%	0.61%	0.42%
16	36,860	5,556	23	1,507	6.24	1.76%	5.16%	3.20%
17	38,740	5,079	22	1,311	5.68	1.85%	4.72%	3.06%
18	38,865	4,860	18	1,250	4.63	1.86%	4.52%	2.50%
19	39,639	4,119	24	1,039	6.05	1.90%	3.83%	3.34%
20	38,120	3,456	22	907	5.77	1.82%	3.21%	3.06%
Total	242,173	24,044	118	993	4.87	11.58%	22.35%	16.41%
All Ages								
14 & Under	18,758	313	6	167	3.20	0.90%	0.29%	0.83%
15 to 24	362,602	34,455	166	950	4.58	17.34%	32.03%	23.09%
25 to 34	336,757	19,354	132	575	3.92	16.10%	17.99%	18.36%
35 to 44	416,192	19,005	135	457	3.24	19.90%	17.67%	18.78%
45 to 54	368,744	14,054	105	381	2.85	17.63%	13.06%	14.60%
55 to 64	242,776	8,118	79	334	3.25	11.61%	7.55%	10.99%
65 to 74	194,329	5,648	45	291	2.32	9.29%	5.25%	6.26%
75 & Over	151,530	4,667	42	308	2.77	7.24%	4.34%	5.84%
Unknown	N/A	1,970	9	N/A			1.83%	1.25%
Total	2,091,688	107,584	719	514	3.44	100.00%	100.00%	100.00%

Under age 21 percentages based on total for all ages

Drivers Involved in Crashes by Gender

Driver's Age	Licensed Drivers	Drivers Involved in All Crashes	Drivers Involved in Fatal Crashes	Crashes per 10,000 Drivers	Fatal Crashes per 10,000 Drivers	Percentage of Licensed Drivers	All Crashes Percentages	Fatal Crashes Percentage
Female	1,057,375	44,192	186	418	1.76	50.55%	41.08%	25.87%
Male	1,034,313	61,735	525	597	5.08	49.45%	57.38%	73.02%
Unknown	N/A	1,657	8	N/A			1.54%	1.11%
Total	2,091,688	107,584	719	514	3.44	100.00%	100.00%	100.00%

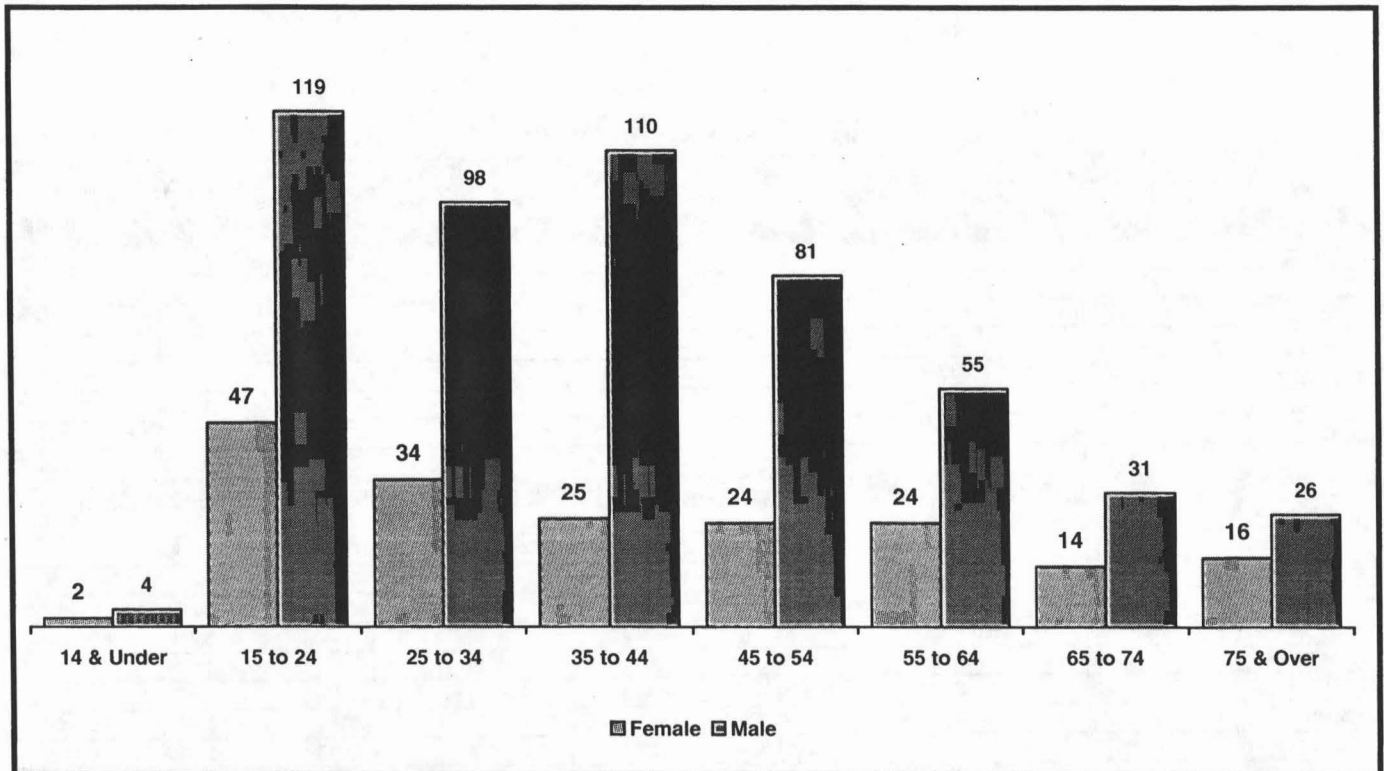
Who Was Involved in Crashes

Drivers Involved in Crashes by Age & Crash Severity

Driver's Age	Fatal Crashes		Injury Crashes		Property Crashes		All Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under 21								
14 & Under	6	0.83%	169	0.39%	138	0.22%	313	0.29%
15	3	0.42%	300	0.70%	358	0.56%	661	0.61%
16	23	3.20%	2,325	5.40%	3,208	5.03%	5,556	5.16%
17	22	3.06%	2,098	4.88%	2,959	4.64%	5,079	4.72%
18	18	2.50%	2,020	4.69%	2,822	4.42%	4,860	4.52%
19	24	3.34%	1,716	3.99%	2,379	3.73%	4,119	3.83%
20	22	3.06%	1,446	3.36%	1,988	3.11%	3,456	3.21%
Total	118	16.41%	10,074	23.41%	13,852	21.70%	24,044	22.35%
All Ages								
14 & Under	6	0.83%	169	0.39%	138	0.22%	313	0.29%
15 to 24	166	23.09%	14,303	33.24%	19,986	31.31%	34,455	32.03%
25 to 34	132	18.36%	8,003	18.60%	11,219	17.58%	19,354	17.99%
35 to 44	135	18.78%	7,590	17.64%	11,280	17.67%	19,005	17.67%
45 to 54	105	14.60%	5,496	12.77%	8,453	13.24%	14,054	13.06%
55 to 64	79	10.99%	3,002	6.98%	5,037	7.89%	8,118	7.55%
65 to 74	45	6.26%	2,057	4.78%	3,546	5.56%	5,648	5.25%
75 & Over	42	5.84%	1,790	4.16%	2,835	4.44%	4,667	4.34%
Unknown	9	1.25%	622	1.45%	1,339	2.10%	1,970	1.83%
Total	719	100.00%	43,032	100.00%	63,833	100.00%	107,584	100.00%

Under age 21 percentages based on total for all ages

Drivers Involved in Fatal Crashes by Age & Gender



Does not include drivers whose age or gender was unknown.

Who Was Involved in Crashes

Fatalities by Age & Gender

Age	Female		Male		Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under 21								
14 & Under	14	7.29%	15	5.03%	0	0.00%	29	5.92%
15	3	1.56%	3	1.01%	0	0.00%	6	1.22%
16	11	5.73%	6	2.01%	0	0.00%	17	3.47%
17	3	1.56%	10	3.36%	0	0.00%	13	2.65%
18	6	3.13%	7	2.35%	0	0.00%	13	2.65%
19	7	3.65%	12	4.03%	0	0.00%	19	3.88%
20	3	1.56%	8	2.68%	0	0.00%	11	2.24%
Total	47	24.48%	61	20.47%	0	0.00%	108	22.04%
All Ages								
14 & Under	14	7.29%	15	5.03%	0	0.00%	29	5.92%
15 to 24	44	22.92%	77	25.84%	0	0.00%	121	24.69%
25 to 34	22	11.46%	52	17.45%	0	0.00%	74	15.10%
35 to 44	19	9.90%	53	17.79%	0	0.00%	72	14.69%
45 to 54	19	9.90%	41	13.76%	0	0.00%	60	12.24%
55 to 64	25	13.02%	20	6.71%	0	0.00%	45	9.18%
65 to 74	16	8.33%	18	6.04%	0	0.00%	34	6.94%
75 & Over	30	15.63%	20	6.71%	0	0.00%	50	10.20%
Unknown	3	1.56%	2	0.67%	0	0.00%	5	1.02%
Total	192	100.00%	298	100.00%	0	0.00%	490	100.00%

Under age 21 percentages based on total for all ages

Injuries by Age & Gender

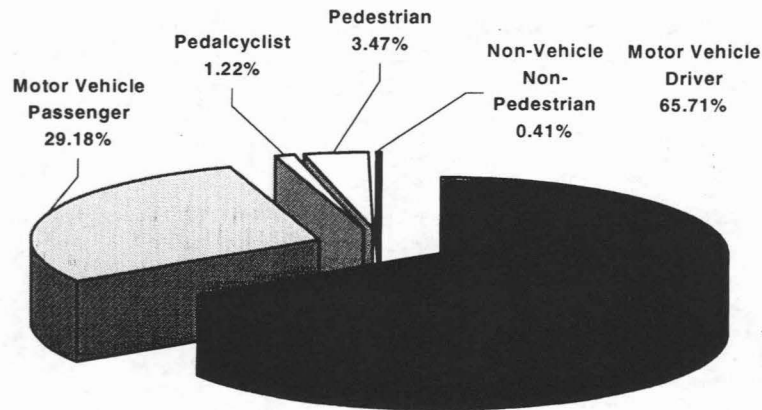
Age	Female		Male		Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under 21								
14 & Under	1,848	9.21%	1,814	10.76%	0	0.00%	3,662	9.92%
15	475	2.37%	360	2.14%	0	0.00%	835	2.26%
16	1,090	5.43%	737	4.37%	0	0.00%	1,827	4.95%
17	947	4.72%	724	4.29%	0	0.00%	1,671	4.53%
18	848	4.23%	689	4.09%	0	0.00%	1,537	4.16%
19	700	3.49%	653	3.87%	0	0.00%	1,353	3.66%
20	633	3.16%	512	3.04%	0	0.00%	1,145	3.10%
Total	6,541	32.61%	5,489	32.55%	0	0.00%	12,030	32.58%
All Ages								
14 & Under	1,848	9.21%	1,814	10.76%	0	0.00%	3,662	9.92%
15 to 24	6,470	32.26%	5,268	31.24%	0	0.00%	11,738	31.79%
25 to 34	3,051	15.21%	2,714	16.10%	1	100.00%	5,766	15.62%
35 to 44	2,846	14.19%	2,421	14.36%	0	0.00%	5,267	14.27%
45 to 54	2,100	10.47%	1,680	9.96%	0	0.00%	3,780	10.24%
55 to 64	1,099	5.48%	887	5.26%	0	0.00%	1,986	5.38%
65 to 74	763	3.80%	613	3.64%	0	0.00%	1,376	3.73%
75 & Over	830	4.14%	672	3.99%	0	0.00%	1,502	4.07%
Unknown	1,051	5.24%	792	4.70%	0	0.00%	1,843	4.99%
Total	20,058	100.00%	16,861	100.00%	1	100.00%	36,920	100.00%

Under age 21 percentages based on total for all ages

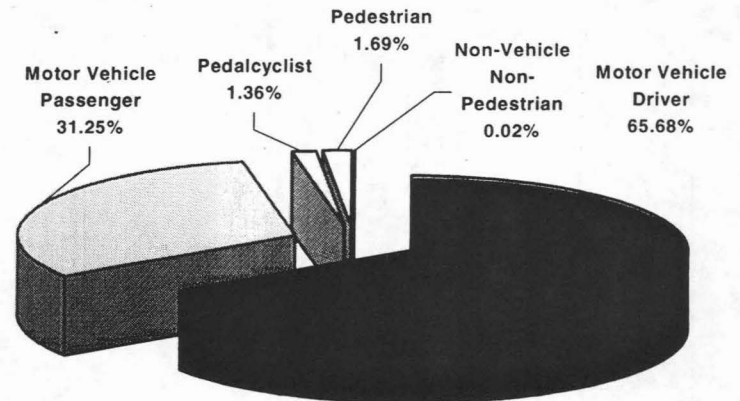
Who Was Injured by Position & Severity

Position	Fatal		Major (Incapacitating)		Minor (Bruises & Abrasions)		Possible (Complaint of Pain)		Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Driver	301	61.43%	2,152	59.37%	8,589	60.58%	12,881	67.39%	3	100.00%	23,926	63.96%
Front Seat Passenger	93	18.98%	705	19.45%	3,101	21.87%	4,222	22.09%	0	0.00%	8,121	21.71%
Back Seat Passenger	28	5.71%	210	5.79%	1,058	7.46%	1,203	6.29%	0	0.00%	2,499	6.68%
Third Seat or Bus Passenger	12	2.45%	63	1.74%	331	2.33%	314	1.64%	0	0.00%	720	1.92%
Riding on Vehicle Exterior	0	0.00%	13	0.36%	27	0.19%	22	0.12%	0	0.00%	62	0.17%
Other Vehicle Occupant	0	0.00%	0	0.00%	1	0.01%	0	0.00%	0	0.00%	1	0.00%
Unknown Vehicle Occupant	1	0.20%	6	0.17%	6	0.04%	1	0.01%	0	0.00%	14	0.04%
Motorcycle/Moped Driver	21	4.29%	253	6.98%	301	2.12%	71	0.37%	0	0.00%	646	1.73%
Motorcycle/Moped Passenger	9	1.84%	29	0.80%	55	0.39%	11	0.06%	0	0.00%	104	0.28%
Pedalcyclist	6	1.22%	73	2.01%	290	2.05%	139	0.73%	0	0.00%	508	1.36%
Bus Passenger	0	0.00%	1	0.03%	69	0.49%	88	0.46%	0	0.00%	158	0.42%
Pedestrian	17	3.47%	116	3.20%	346	2.44%	163	0.85%	0	0.00%	642	1.72%
Non-Vehicle/Non-Pedestrian	2	0.41%	4	0.11%	3	0.02%	0	0.00%	0	0.00%	9	0.02%
Total	490	100.00%	3,625	100.00%	14,177	100.00%	19,115	100.00%	3	100.00%	37,410	100.00%

Who Was Killed by Position



Who Was Injured by Position



Motor Vehicle/Pedestrian Crashes

Summary of Motor Vehicle/Pedestrian Crashes

Crashes			Fatalities			Injuries		
Fatal	Injury	Total	Vehicle Occupants	Pedestrians	Total	Vehicle Occupants	Pedestrians	Total
17	606	623	0	17	17	21	625	646

Pedestrian Injury Severity

Pedestrian Severity	Number	Percent
Fatal	17	2.65%
Major (Incapacitating)	116	18.07%
Minor (Bruises & Abrasions)	346	53.89%
Possible (Complaint of Pain)	163	25.39%
Total	642	100.00%



Pedestrian Fatalities & Injuries by Gender

Pedestrian's Gender	Pedestrians					
	Fatalities		Injuries		Total	
	Number	Percent	Number	Percent	Number	Percent
Female	8	47.06%	249	39.84%	257	40.03%
Male	9	52.94%	376	60.16%	385	59.97%
Total	17	100.00%	625	100.00%	642	100.00%

Pedestrian Fatalities & Injuries by Age

Pedestrian's Age	Pedestrians					
	Fatalities		Injuries		Total	
	Number	Percent	Number	Percent	Number	Percent
Under 21						
14 & Under	5	29.41%	229	36.64%	234	36.45%
15	0	0.00%	24	3.84%	24	3.74%
16	0	0.00%	8	1.28%	8	1.25%
17	0	0.00%	15	2.40%	15	2.34%
18	0	0.00%	23	3.68%	23	3.58%
19	0	0.00%	9	1.44%	9	1.40%
20	0	0.00%	11	1.76%	11	1.71%
Total Under 21	5	29.41%	319	51.04%	324	50.47%
All Ages						
14 & Under	5	29.41%	229	36.64%	234	36.45%
15 to 24	1	5.88%	130	20.80%	131	20.40%
25 to 34	2	11.76%	59	9.44%	61	9.50%
35 to 44	0	0.00%	66	10.56%	66	10.28%
45 to 54	2	11.76%	43	6.88%	45	7.01%
55 to 64	3	17.65%	37	5.92%	40	6.23%
65 to 74	2	11.76%	15	2.40%	17	2.65%
75 & Over	2	11.76%	23	3.68%	25	3.89%
Unknown	0	0.00%	23	3.68%	23	3.58%
Total	17	100.00%	625	100.00%	642	100.00%

Total percentages for under age 21 are based on total for all ages.

Motor Vehicle/Pedestrian Crashes

Pedestrian Fatalities & Injuries by Condition

Pedestrian Condition	Pedestrians					
	Fatalities		Injuries		Total	
	Number	Percent	Number	Percent	Number	Percent
Apparently Normal	9	52.94%	365	58.40%	374	58.26%
Physical Defect	0	0.00%	22	3.52%	22	3.43%
Fatigued	1	5.88%	31	4.96%	32	4.98%
Apparently Asleep	0	0.00%	1	0.16%	1	0.16%
Drinking-Impaired	7	41.18%	206	32.96%	213	33.18%
Total	17	100.00%	625	100.00%	642	100.00%

Pedestrian Fatalities & Injuries by Color of Clothing

Pedestrian's Color of Clothing	Pedestrians					
	Fatalities		Injuries		Total	
	Number	Percent	Number	Percent	Number	Percent
Light	6	35.29%	203	32.48%	209	32.55%
Dark	11	64.71%	220	35.20%	231	35.98%
Unknown	0	0.00%	202	32.32%	202	31.46%
Total	17	100.00%	625	100.00%	642	100.00%

Pedestrian Fatalities & Injuries by Pedestrian Action

Pedestrian Action	Pedestrians					
	Fatalities		Injuries		Total	
	Number	Percent	Number	Percent	Number	Percent
Crossing Against Signal	0	0.00%	17	2.72%	17	2.65%
Crossing, Non-Crosswalk	4	23.53%	127	20.32%	131	20.40%
Walking on Roadway	4	23.53%	13	2.08%	17	2.65%
Soliciting Rides	0	0.00%	2	0.32%	2	0.31%
Walking with Traffic	1	5.88%	20	3.20%	21	3.27%
Walking Against Traffic	0	0.00%	11	1.76%	11	1.71%
Crossing with Signal	1	5.88%	34	5.44%	35	5.45%
Crossing in Crosswalk	0	0.00%	67	10.72%	67	10.44%
From Between Parked Cars	0	0.00%	29	4.64%	29	4.52%
Ran onto Roadway	2	11.76%	71	11.36%	73	11.37%
Directing Traffic	0	0.00%	3	0.48%	3	0.47%
Playing on Roadway	1	5.88%	17	2.72%	18	2.80%
Lying/Sitting on Road	0	0.00%	3	0.48%	3	0.47%
Push/Work on Vehicle	0	0.00%	14	2.24%	14	2.18%
Getting On/Off Vehicle	1	5.88%	21	3.36%	22	3.43%
Construction Project	0	0.00%	4	0.64%	4	0.62%
Walking Off Roadway	1	5.88%	23	3.68%	24	3.74%
Unknown	2	11.76%	149	23.84%	151	23.52%
Total	17	100.00%	625	100.00%	642	100.00%

Motor Vehicle/Pedestrian Crashes

Driver/Vehicle Related Contributing Circumstances in Pedestrian Crashes

Driver/Vehicle Related Contributing Circumstances	Drivers/Vehicles					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
None Apparent	8	40.00%	326	44.54%	334	49.55%
Ran Traffic Signal	0	0.00%	8	1.09%	8	1.19%
Ran Stop Sign	0	0.00%	3	0.41%	3	0.45%
Passed Stopped School Bus	0	0.00%	1	0.14%	1	0.15%
Improper Passing	0	0.00%	2	0.27%	2	0.30%
Left of Center, Not Passing	1	5.00%	3	0.41%	4	0.59%
FTYROW From Stop Sign	0	0.00%	1	0.14%	1	0.15%
FTYROW Making Left Turn	0	0.00%	4	0.55%	4	0.59%
FTYROW From Driveway	0	0.00%	1	0.14%	1	0.15%
FTYROW From Parked Position	0	0.00%	3	0.41%	3	0.45%
FTYROW to Pedestrian	1	5.00%	70	9.56%	71	10.53%
Too Fast for Conditions	0	0.00%	5	0.68%	5	0.74%
Exceeding Speed Limit	0	0.00%	3	0.41%	3	0.45%
Drag Racing	0	0.00%	1	0.14%	1	0.15%
Improper Turn	0	0.00%	1	0.14%	1	0.15%
Improper Lane Change	0	0.00%	2	0.27%	2	0.30%
Following Too Close	0	0.00%	1	0.14%	1	0.15%
Disregarded Warning Signal	0	0.00%	3	0.41%	3	0.45%
Reckless Driving	0	0.00%	14	1.91%	14	2.08%
Improper Backing	0	0.00%	9	1.23%	9	1.34%
Illegal/Improper Parking	0	0.00%	5	0.68%		0.00%
Failure to Control Vehicle	0	0.00%	28	3.83%		0.00%
Inattentive/Distracted	1	5.00%	44	6.01%		0.00%
Confused	0	0.00%	5	0.68%	5	0.74%
Vision Obscured	3	15.00%	18	2.46%	21	3.12%
Oversized/Loaded Vehicle	0	0.00%	1	0.14%	1	0.15%
Inexperienced Driver	0	0.00%	8	1.09%	8	1.19%
Other	2	10.00%	55	7.51%	57	8.46%
Unknown	4	20.00%	107	14.62%	111	16.47%
Total	20	100.00%	732	100.00%	674	100.00%

Up to two circumstances may be listed for each driver/vehicle in a crash.

Driver's Physical Condition in Pedestrian Crashes

Driver's Physical Condition	Drivers					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
Apparently Normal	14	77.78%	487	80.76%	501	80.68%
Physical Defect	0	0.00%	3	0.50%	3	0.48%
Fatigued	0	0.00%	1	0.17%	1	0.16%
Apparently Asleep	0	0.00%	1	0.17%	1	0.16%
Illness	0	0.00%	1	0.17%	1	0.16%
Under Medication	0	0.00%	1	0.17%	1	0.16%
Infirmities of Age	0	0.00%	3	0.50%	3	0.48%
Drinking-Not Impaired	0	0.00%	13	2.16%	13	2.09%
Drinking-Impaired	1	5.56%	22	3.65%	23	3.70%
Drugs	0	0.00%	2	0.33%	2	0.32%
Other	0	0.00%	6	1.00%	6	0.97%
Unknown	3	16.67%	63	10.45%	66	10.63%
Total	18	100.00%	603	100.00%	621	100.00%

NOTE: More than one driver may be involved in a pedestrian crash.

Motor Vehicle/Pedestrian Crashes

Driver's Vision Obstruction in Pedestrian Crashes

Driver's Vision Obstruction	Drivers					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
No Obstruction	13	72.22%	402	66.67%	415	66.83%
Vegetation	0	0.00%	2	0.33%	2	0.32%
Buildings	0	0.00%	1	0.17%	1	0.16%
Hillcrest	0	0.00%	1	0.17%	1	0.16%
Parked Vehicle	1	5.56%	46	7.63%	47	7.57%
Moving Vehicle	1	5.56%	24	3.98%	25	4.03%
Person/Object in/on Vehicle	0	0.00%	8	1.33%	8	1.29%
Blinded by Sun/Headlights	1	5.56%	24	3.98%	25	4.03%
Frosted Windows	0	0.00%	2	0.33%	2	0.32%
Blowing Snow	0	0.00%	6	1.00%	6	0.97%
Fog/Smoke/Dust	0	0.00%	7	1.16%	7	1.13%
Other	1	5.56%	16	2.65%	17	2.74%
Unknown	1	5.56%	64	10.61%	65	10.47%
Total	18	100.00%	603	100.00%	621	100.00%

NOTE: More than one driver may be involved in a pedestrian crash.

Vehicle's Traffic Controls in Pedestrian Crashes

Traffic Controls	Vehicles					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
No Controls	16	84.21%	465	68.69%	481	69.11%
Signals	1	5.26%	107	15.81%	108	15.52%
Stop Signs	0	0.00%	49	7.24%	49	7.04%
Yield Signs	0	0.00%	2	0.30%	2	0.29%
Warning Sign	0	0.00%	3	0.44%	3	0.43%
School Signals	0	0.00%	1	0.15%	1	0.14%
Railroad Warning Signs	1	5.26%	3	0.44%	4	0.57%
Peace Officer	0	0.00%	3	0.44%	3	0.43%
Other	1	5.26%	9	1.33%	10	1.44%
Unknown	0	0.00%	35	5.17%	35	5.03%
Total	19	100.00%	677	100.00%	696	100.00%

NOTE: More than one vehicle may be involved in a pedestrian crash.

Vehicle's Posted Speed Limit in Pedestrian Crashes

Posted Speed Limit	Vehicles					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
Under 25 mph	0	0.00%	52	7.68%	52	7.47%
25 mph	4	21.05%	276	40.77%	280	40.23%
30 mph	2	10.53%	84	12.41%	86	12.36%
35 mph	0	0.00%	88	13.00%	88	12.64%
40 mph	1	5.26%	3	0.44%	4	0.57%
45 mph	0	0.00%	12	1.77%	12	1.72%
50 mph	1	5.26%	3	0.44%	4	0.57%
55 mph	10	52.63%	35	5.17%	45	6.47%
65 mph	1	5.26%	10	1.48%	11	1.58%
Unknown	0	0.00%	114	16.84%	114	16.38%
Total	19	100.00%	677	100.00%	696	100.00%

NOTE: More than one vehicle may be involved in a pedestrian crash.

Motor Vehicle/Pedestrian Crashes

Vehicle Action in Pedestrian Crashes

Vehicle Action	Vehicles					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
Going Straight	13	68.42%	413	61.00%	426	61.21%
Turning Left	2	10.53%	65	9.60%	67	9.63%
Turning Right	0	0.00%	43	6.35%	43	6.18%
Changing Lanes	1	5.26%	8	1.18%	9	1.29%
Merging	0	0.00%	2	0.30%	2	0.29%
Parking	0	0.00%	3	0.44%	3	0.43%
Slowing/Stopping	0	0.00%	9	1.33%	9	1.29%
Backing	1	5.26%	35	5.17%	36	5.17%
Stopped for Sign/Signal	0	0.00%	4	0.59%	4	0.57%
Stopped in Traffic	0	0.00%	4	0.59%	4	0.57%
Properly Parked	0	0.00%	29	4.28%	29	4.17%
Improperly Parked	2	10.53%	4	0.59%	6	0.86%
Unattended Moving Vehicle	0	0.00%	2	0.30%	2	0.29%
Other	0	0.00%	27	3.99%	27	3.88%
Unknown	0	0.00%	29	4.28%	29	4.17%
Total	19	100.00%	677	100.00%	696	100.00%

NOTE: More than one vehicle may be involved in a pedestrian crash.

Rural/Urban Classification in Pedestrian Crashes

Rural/Urban	Crashes					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
Rural	10	58.82%	112	18.48%	122	19.58%
Urban	7	41.18%	494	81.52%	501	80.42%
Total	17	100.00%	606	100.00%	623	100.00%

Location on Roadway in Pedestrian Crashes

Location on Roadway	Crashes					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
On Roadway	16	94.12%	550	90.76%	566	90.85%
Shoulder	1	5.88%	15	2.48%	16	2.57%
Median	0	0.00%	4	0.66%	4	0.64%
Roadside or Ditch	0	0.00%	12	1.98%	12	1.93%
Outside Right of Way	0	0.00%	22	3.63%	22	3.53%
Unknown	0	0.00%	3	0.50%	3	0.48%
Total	17	100.00%	606	100.00%	623	100.00%

Motor Vehicle/Pedestrian Crashes

Weather Conditions in Pedestrian Crashes

Weather Conditions	Crashes					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
Clear	9	45.00%	434	65.66%	443	65.05%
Cloudy	7	35.00%	128	19.36%	135	19.82%
Fog	0	0.00%	7	1.06%	7	1.03%
Mist	0	0.00%	24	3.63%	24	3.52%
Rain	3	15.00%	20	3.03%	23	3.38%
Sleet/Hail	0	0.00%	2	0.30%	2	0.29%
Snow	1	5.00%	15	2.27%	16	2.35%
Strong Wind	0	0.00%	12	1.82%	12	1.76%
Other	0	0.00%	4	0.61%	4	0.59%
Unknown	0	0.00%	15	2.27%	15	2.20%
Total	20	100.00%	661	100.00%	681	100.00%

Up to two weather conditions may be listed for each crash.

Light Conditions in Pedestrian Crashes

Light Conditions	Crashes					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
Daylight	5	29.41%	426	70.30%	431	69.18%
Dusk	0	0.00%	14	2.31%	14	2.25%
Dawn	1	5.88%	7	1.16%	8	1.28%
Darkness, Lighted	3	17.65%	130	21.45%	133	21.35%
Darkness, Not Lighted	8	47.06%	29	4.79%	37	5.94%
Total	17	100.00%	606	100.00%	623	100.00%

Time of Day in Pedestrian Crashes

Time of Day	Crashes					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
Midnight to 2:59 a.m.	1	5.88%	23	3.80%	24	3.85%
3:00 a.m. to 5:59 a.m.	3	17.65%	9	1.49%	12	1.93%
6:00 a.m. to 8:59 a.m.	2	11.76%	66	10.89%	68	10.91%
9:00 a.m. to 11:59 a.m.	2	11.76%	54	8.91%	56	8.99%
Noon to 2:59 p.m.	0	0.00%	104	17.16%	104	16.69%
3:00 p.m. to 5:59 p.m.	4	23.53%	185	30.53%	189	30.34%
6:00 p.m. to 8:59 p.m.	3	17.65%	94	15.51%	97	15.57%
9:00 p.m. to 11:59 p.m.	2	11.76%	64	10.56%	66	10.59%
Unknown	0	0.00%	7	1.16%	7	1.12%
Total	17	100.00%	606	100.00%	623	100.00%

Alcohol-Related Motor Vehicle/Pedestrian Crashes

Alcohol-related crashes are more apt to occur—and *more likely to be reported*—in fatal crashes than in nonfatal crashes. In Iowa, drivers who are involved in fatal crashes are not required by law to submit to an alcohol test; therefore, Iowa alcohol-related crash statistics should not be compared to states where an alcohol test is mandatory. Testing for alcohol is based on *probable cause* as determined by the investigating officer. More than one driver may be tested for alcohol use in any particular crash. Care should be used in comparing the yearly percentages of alcohol-related fatal crashes due to fluctuations in the number of reports received.

An alcohol-related crash is where one or more drivers/pedestrians have a blood alcohol content (BAC) of .01% or higher. Therefore, a driver or pedestrian with a BAC between .000% and .009% is counted as *not drinking*, a driver or pedestrian with a BAC between .01% and .09% is counted as *drinking, not impaired*, and a driver or pedestrian with a BAC .1% and higher is counted as *drinking, impaired*.

Alcohol-Related Pedestrian Fatalities, Injuries & Crashes

Type	Fatalities			Injuries			Crashes		
	Non-Pedestrians	Pedestrians	Total	Non-Pedestrians	Pedestrians	Total	Fatal	Injury	Total
Number									
Alcohol	0	2	2	3	79	82	2	76	78
Non-Alcohol	0	15	15	18	546	564	15	530	545
Total	0	17	17	21	625	646	17	606	623
Percent									
Alcohol	0.00%	11.76%	11.76%	14.29%	12.64%	12.69%	11.76%	12.54%	12.52%
Non-Alcohol	0.00%	88.24%	88.24%	85.71%	87.36%	87.31%	88.24%	87.46%	87.48%

Pedestrian Fatalities/Injuries by Age Group

Age Group	Pedestrians			
	Fatalities		Injuries	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	6	7.59%
15	0	0.00%	3	3.80%
16	0	0.00%	2	2.53%
17	0	0.00%	4	5.06%
18	0	0.00%	6	7.59%
19	0	0.00%	2	2.53%
20	0	0.00%	2	2.53%
Total*	0	0.00%	25	31.65%
All Ages				
14 & Under	0	0.00%	6	7.59%
15 to 24	0	0.00%	27	34.18%
25 to 34	2	100.00%	14	17.72%
35 to 44	0	0.00%	13	16.46%
45 to 54	0	0.00%	12	15.19%
55 to 64	0	0.00%	5	6.33%
65 to 74	0	0.00%	0	0.00%
75 & Over	0	0.00%	0	0.00%
Unknown	0	0.00%	2	2.53%
Total	2	100.00%	79	100.00%

Under age 21 percentages are based on total for all ages.

Who Was Killed

Who Was Killed/Injured	Fatalities		Injuries	
	Number	Percent	Number	Percent
Non-Drinking Drivers	0	0.00%	2	2.44%
Drinking Drivers	0	0.00%	1	1.22%
Non-Drinking Pedestrians	0	0.00%	11	13.41%
Drinking Pedestrians	2	100.00%	68	82.93%
Total	2	100.00%	82	100.00%

Other includes passengers and non-vehicle/non-pedestrians.

Severity of Pedestrian Injuries

Injury Severity	Pedestrians	
	Number	Percent
Fatal	2	2.47%
Major (Incapacitating)	21	25.93%
Minor (Bruises & Abrasions)	44	54.32%
Possible (Complaint of Pain)	14	17.28%
Unknown	0	0.00%
Total	81	100.00%

Pedestrian Fatalities/Injuries by Gender

Gender	Pedestrians			
	Fatalities		Injuries	
	Number	Percent	Number	Percent
Female	0	0.00%	24	30.38%
Male	2	100.00%	55	69.62%
Unknown	0	0.00%	0	0.00%
Total	2	100.00%	79	100.00%

Who Was Drinking

Who Was Drinking	Crashes			
	Fatal		Injury	
	Number	Percent	Number	Percent
Driver	1	50.00%	41	53.95%
Pedestrian	0	0.00%	11	14.47%
Driver & Pedestrian	1	50.00%	24	31.58%
Total	2	100.00%	76	100.00%

Alcohol-Related Motor Vehicle/Pedestrian Crashes

BAC of Drinking Drivers/Pedestrians

BAC (Blood Alcohol Content)	Drinking Pedestrians & Drivers			
	Pedestrians		Drivers	
	Number	Percent	Number	Percent
.000	16	22.86%	0	0.00%
.019 & Lower	2	2.86%	0	0.00%
.020 to .039	0	0.00%	2	5.56%
.040 to .079	0	0.00%	2	5.56%
.080 to .099	0	0.00%	1	2.78%
.100 & Higher	7	10.00%	15	41.67%
Unknown*	45	64.29%	16	44.44%
Total	70	100.00%	36	100.00%

Unknown is listed as alcohol-related on crash report, but BAC is listed as unknown or is blank.

Physical Condition of Drivers & Pedestrians

Physical Condition	Pedestrians & Drivers			
	Pedestrians		Drivers	
	Number	Percent	Number	Percent
Apparently Normal	11	13.58%	29	39.19%
Drinking-Not Impaired	22	27.16%	13	17.57%
Drinking-Impaired	48	59.26%	23	31.08%
Unknown	0	0.00%	9	12.16%
Total	81	100.00%	74	100.00%

Age of Drinking Drivers & Pedestrians

Age Group	Drinking Pedestrians & Drivers			
	Pedestrians		Drivers	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	1	1.43%	1	2.78%
15	1	1.43%	0	0.00%
16	2	2.86%	0	0.00%
17	4	5.71%	1	2.78%
18	6	8.57%	2	5.56%
19	2	2.86%	1	2.78%
20	2	2.86%	0	0.00%
Total*	18	25.71%	5	13.89%
All Ages				
14 & Under	1	1.43%	1	2.78%
15 to 24	24	34.29%	11	30.56%
25 to 34	16	22.86%	9	25.00%
35 to 44	12	17.14%	11	30.56%
45 to 54	12	17.14%	3	8.33%
55 to 64	4	5.71%	1	2.78%
65 to 74	0	0.00%	0	0.00%
75 & Over	0	0.00%	0	0.00%
Unknown	1	1.43%	0	0.00%
Total	70	100.00%	36	100.00%

Under age 21 percentages are based on total for all ages.

Drinking Pedestrian's Action

Drinking Pedestrian's Action	Pedestrians			
	Fatalities		Injuries	
	Number	Percent	Number	Percent
Crossing Against Signal	0	0.00%	1	1.47%
Crossing, Non-Crosswalk	1	50.00%	15	22.06%
Walking on Roadway	0	0.00%	3	4.41%
Soliciting Rides	0	0.00%	1	1.47%
Walking with Traffic	0	0.00%	1	1.47%
Walking Against Traffic	0	0.00%	2	2.94%
Crossing with Signal	0	0.00%	2	2.94%
Crossing in Crosswalk	0	0.00%	6	8.82%
Ran onto Roadway	1	50.00%	7	10.29%
Playing on Roadway	0	0.00%	1	1.47%
Lying/Sitting on Road	0	0.00%	1	1.47%
Getting On/Off Vehicle	0	0.00%	7	10.29%
Walking Off Roadway	0	0.00%	7	10.29%
Unknown	0	0.00%	14	20.59%
Total	2	100.00%	68	100.00%

Gender of Drinking Drivers & Pedestrians

Gender	Drinking Pedestrians & Drivers			
	Pedestrians		Drivers	
	Number	Percent	Number	Percent
Female	21	30.00%	10	27.78%
Male	49	70.00%	26	72.22%
Unknown	0	0.00%	0	0.00%
Total	70	100.00%	36	100.00%

Alcohol-Related Crashes

Alcohol-related crashes are more apt to occur—and *more likely to be reported*—in fatal crashes than in nonfatal crashes. In Iowa, drivers who are involved in fatal crashes are not required by law to submit to an alcohol test; therefore, Iowa alcohol-related crash statistics should not be compared to states where an alcohol test is mandatory. Testing for alcohol is based on *probable cause* as determined by the investigating officer. More than one driver may be tested for alcohol use in any particular crash. Care should be used in comparing the yearly percentages of alcohol-related fatal crashes due to fluctuations in the number of reports received.

An alcohol-related crash is where one or more drivers/pedestrians have a blood alcohol content (BAC) of .01% or higher. Therefore, a driver or pedestrian with a BAC between .000% and .009% is counted as *not drinking*, a driver or pedestrian with a BAC between .01% and .09% is counted as *drinking, not impaired*, and a driver or pedestrian with a BAC .1% and higher is counted as *drinking, impaired*.

Alcohol-Related Fatalities, Injuries & Crashes

Type	Fatalities	Injuries	Crashes			
			Fatal	Injury	Property	Total
Number						
Alcohol	132	2,445	115	1,543	1,103	2,761
Non-Alcohol	358	34,475	313	22,389	39,022	61,724
Total	490	36,920	428	23,932	40,125	64,485
Percent						
Alcohol	26.94%	6.62%	26.87%	6.45%	2.75%	4.28%
Non-Alcohol	73.06%	93.38%	73.13%	93.55%	97.25%	95.72%

Fatalities/Injuries by Age Group

Age Group	Fatalities		Injuries	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	3	2.27%	117	4.79%
15	3	2.27%	50	2.04%
16	5	3.79%	71	2.90%
17	1	0.76%	101	4.13%
18	5	3.79%	129	5.28%
19	8	6.06%	134	5.48%
20	4	3.03%	128	5.24%
Total*	29	21.97%	730	29.86%
All Ages				
14 & Under	3	2.27%	117	4.79%
15 to 24	41	31.06%	1,002	40.98%
25 to 34	34	25.76%	501	20.49%
35 to 44	26	19.70%	395	16.16%
45 to 54	18	13.64%	198	8.10%
55 to 64	3	2.27%	72	2.94%
65 to 74	3	2.27%	47	1.92%
75 & Over	3	2.27%	34	1.39%
Unknown	1	0.76%	79	3.23%
Total	132	100.00%	2,445	100.00%

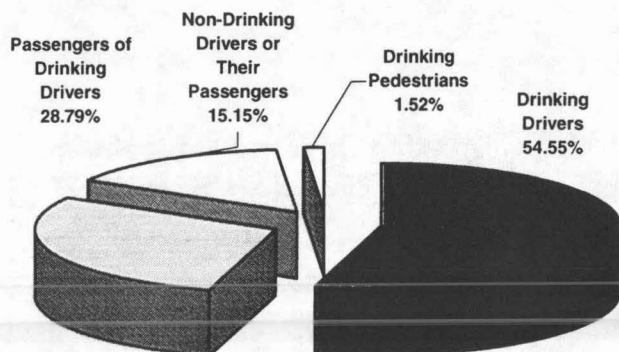
Under age 21 percentages are based on total for all ages.

Fatalities & Severity of Injuries

Severity	Number	Percent
Fatal	132	5.12%
Major (Incapacitating)	466	18.08%
Minor (Bruises & Abrasions)	1,212	47.03%
Possible (Complaint of Pain)	767	29.76%
Unknown	0	0.00%
Total Killed & Injured	2,577	100.00%

Who Was Killed

Who Was Killed	Fatalities	
	Number	Percent
Drinking Drivers	72	54.55%
Passengers of Drinking Drivers	38	28.79%
Non-Drinking Drivers or Their Passengers	20	15.15%
Drinking Pedestrians	2	1.52%
Total	132	100.00%



Fatalities/Injuries by Gender

Gender	Fatalities		Injuries	
	Number	Percent	Number	Percent
Female	38	28.79%	825	33.74%
Male	94	71.21%	1,620	66.26%
Unknown	0	0.00%	0	0.00%
Total	132	100.00%	2,445	100.00%

Alcohol-Related Crashes

Who Was Drinking

Who Was Drinking	Crashes			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Driver	114	99.13%	1,492	96.69%
Pedestrian	1	0.87%	40	2.59%
Driver & Pedestrian	0	0.00%	11	0.71%
Total	115	100.00%	1,543	100.00%

BAC of Drinking Drivers

BAC (Blood Alcohol Content)	Drinking Drivers			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
.019 & Lower	9	7.76%	58	3.82%
.020 to .039	9	7.76%	31	2.04%
.040 to .079	10	8.62%	81	5.34%
.080 to .099	6	5.17%	62	4.09%
.100 & Higher	78	67.24%	536	35.33%
Unknown	4	3.45%	749	49.37%
Total	116	100.00%	1,517	100.00%

Unknown is listed as alcohol-related on crash report, but BAC is listed as unknown or is blank.

Age of Drinking Drivers

Age Group	Drinking Drivers			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	2	0.13%
15	0	0.00%	7	0.46%
16	3	2.59%	25	1.65%
17	6	5.17%	36	2.37%
18	4	3.45%	74	4.88%
19	5	4.31%	78	5.14%
20	4	3.45%	68	4.48%
Total*	22	18.97%	290	19.12%
All Ages				
14 & Under	0	0.00%	2	0.13%
15 to 24	38	32.76%	556	36.65%
25 to 34	30	25.86%	363	23.93%
35 to 44	27	23.28%	346	22.81%
45 to 54	15	12.93%	163	10.74%
55 to 64	3	2.59%	45	2.97%
65 to 74	1	0.86%	27	1.78%
75 & Over	1	0.86%	6	0.40%
Unknown	1	0.86%	9	0.59%
Total	116	100.00%	1,517	100.00%

Under age 21 percentages are based on total for all ages.

Gender of Drinking Drivers

Gender	Drinking Drivers			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Female	17	14.66%	298	19.64%
Male	98	84.48%	1,214	80.03%
Unknown	1	0.86%	5	0.33%
Total	116	100.00%	1,517	100.00%

Physical Condition of All Drivers

Physical Condition	All Drivers			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Apparently Normal	40	24.24%	609	28.18%
Physical Defect	0	0.00%	0	0.00%
Fatigued	0	0.00%	1	0.05%
Apparently Asleep	0	0.00%	1	0.05%
Infirmities of Age	0	0.00%	3	0.14%
Drinking - Not Impaired	35	21.21%	428	19.81%
Drinking - Impaired	81	49.09%	1,089	50.39%
Drugs	0	0.00%	1	0.05%
Other	0	0.00%	1	0.05%
Unknown	9	5.45%	28	1.30%
Total	165	100.00%	2,161	100.00%

Drinking Driver's Related Contributing Circumstance

Drinking Driver's Related Contributing Circumstances	Circumstances			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
None Apparent	69	22.04%	911	25.28%
Ran Traffic Signal	5	1.60%	64	1.78%
Ran Stop Sign	12	3.83%	103	2.86%
Passed Stopped School Bus	0	0.00%	1	0.03%
Improper Passing	1	0.32%	27	0.75%
Left of Center, Not Passing	14	4.47%	68	1.89%
FTYROW at Intersection	0	0.00%	17	0.47%
FTYROW From Stop Sign	4	1.28%	54	1.50%
FTYROW From Yield Sign	0	0.00%	7	0.19%
FTYROW Making Left Turn	1	0.32%	54	1.50%
FTYROW From Driveway	0	0.00%	10	0.28%
FTYROW From Parked Position	0	0.00%	1	0.03%
FTYROW to Pedestrian	1	0.32%	5	0.14%
FTYROW Other	2	0.64%	18	0.50%
Wrong Way/One-Way	2	0.64%	5	0.14%
Too Fast for Conditions	13	4.15%	185	5.13%
Exceeding Speed Limit	27	8.63%	138	3.83%
Drag Racing	0	0.00%	4	0.11%
Improper Turn	0	0.00%	13	0.36%
Improper Lane Change	0	0.00%	20	0.56%
Following Too Close	0	0.00%	49	1.36%
No/Improper Signal	0	0.00%	2	0.06%
Disregarded Railroad Signal	0	0.00%	6	0.17%
Disregarded Warning Signal	2	0.64%	2	0.06%
Rckless Driving	9	2.88%	103	2.86%
Improper Backing	0	0.00%	15	0.42%
Illegal/Improper Parking	0	0.00%	3	0.08%
Failure to Control Vehicle	98	31.31%	1,101	30.56%
Headlights Not On	1	0.32%	9	0.25%
Inattentive/Distracted	10	3.19%	125	3.47%
Confused	0	0.00%	22	0.61%
Vision Obscured	3	0.96%	15	0.42%
Oversized/Loaded Vehicle	0	0.00%	15	0.42%
Inexperienced Driver	7	2.24%	32	0.89%
Other	13	4.15%	234	6.49%
Unknown	19	6.07%	165	4.58%
Total	313	100.00%	3,603	100.00%

Up to two circumstances may be listed for each drinking driver involved in a crash.

Alcohol-Related Crashes

Drinking Driver's Vehicle Action

Drinking Driver's Vehicle Action	Drinking Driver			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Going Straight	101	87.07%	1,199	79.04%
Turning Left	1	0.86%	96	6.33%
Turning Right	1	0.86%	56	3.69%
Making U-Turn	0	0.00%	5	0.33%
Passing	0	0.00%	29	1.91%
Changing Lanes	0	0.00%	17	1.12%
Merging	1	0.86%	10	0.66%
Slowing/Stopping	1	0.86%	14	0.92%
Backing	0	0.00%	16	1.05%
Stopped for Sign/Signal	2	1.72%	8	0.53%
Stopped in Traffic	0	0.00%	3	0.20%
Properly Parked	0	0.00%	2	0.13%
Other	8	6.90%	58	3.82%
Unknown	1	0.86%	4	0.26%
Total	116	100.00%	1,517	100.00%

Type of Crash

Type of Crash	Crashes			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Overtuned	15	13.04%	153	9.92%
Jackknifed	0	0.00%	1	0.06%
Fire/Explosion	1	0.87%	0	0.00%
Immersion	0	0.00%	6	0.39%
Pedestrian	2	1.74%	71	4.60%
Other Vehicle	38	33.04%	543	35.19%
Motorcycle	0	0.00%	4	0.26%
Parked Vehicle	5	4.35%	90	5.83%
Train	1	0.87%	7	0.45%
Pedacycle	2	1.74%	10	0.65%
Animal	1	0.87%	9	0.58%
Fixed Object	44	38.26%	515	33.38%
Other Object	1	0.87%	27	1.75%
Other/Unknown	5	4.35%	107	6.93%
Total	115	100.00%	1,543	100.00%

Drinking Driver's Traffic controls

Drinking Driver's Traffic Control	Drinking Drivers			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
No Controls	81	69.83%	1,068	70.40%
Signals	3	2.59%	181	11.93%
Stop Signs	14	12.07%	139	9.16%
Yield Signs	1	0.86%	10	0.66%
Warning Sign	7	6.03%	57	3.76%
School Signals	0	0.00%	1	0.07%
No Passing Zones	5	4.31%	18	1.19%
Railroad Warning Signs	1	0.86%	11	0.73%
Railroad Signals	0	0.00%	1	0.07%
Railroad Crossing Gates	0	0.00%	1	0.07%
Peace Officer	0	0.00%	3	0.20%
Non-Functioning Signals	0	0.00%	1	0.07%
Other	3	2.59%	11	0.73%
Unknown	1	0.86%	15	0.99%
Total	116	100.00%	1,517	100.00%

Light Conditions

Light Conditions	Crashes			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Daylight	25	21.74%	411	26.64%
Dusk	2	1.74%	58	3.76%
Dawn	0	0.00%	5	0.32%
Darkness, Lighted	15	13.04%	519	33.64%
Darkness, Not Lighted	73	63.48%	550	35.64%
Total	115	100.00%	1,543	100.00%

Road System in Crashes

Road system	Crashes			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Interstate or Freeway	7	6.09%	100	6.48%
U.S. or State Highway	49	42.61%	421	27.28%
County Road	41	35.65%	450	29.16%
City Street	18	15.65%	562	36.42%
Other	0	0.00%	10	0.65%
Total	115	100.00%	1,543	100.00%

Drinking Driver's Road Surface Condition

Drinking Driver's Road Surface Conditions	Surface Conditions			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Dry	218	80.15%	2,227	69.08%
Wet	19	6.99%	379	11.76%
Ice	9	3.31%	127	3.94%
Snow	6	2.21%	135	4.19%
Loose Gravel	10	3.68%	183	5.68%
Mud	0	0.00%	2	0.06%
Debris	0	0.00%	11	0.34%
Other	0	0.00%	23	0.71%
Unknown	10	3.68%	137	4.25%
Total	272	100.00%	3,224	100.00%

Up to two surface conditions may be listed for each drinking driver.

Roadway Geometry

Roadway Geometry	Crashes			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Straight, Level	37	32.17%	619	40.12%
Straight, Hill	24	20.87%	162	10.50%
Straight, Hillcrest	2	1.74%	14	0.91%
Curve, Level	21	18.26%	134	8.68%
Curve, Hill	10	8.70%	94	6.09%
Curve Hillcrest	0	0.00%	2	0.13%
Intersection, Level	17	14.78%	453	29.36%
Intersection, Hill	3	2.61%	58	3.76%
Intersection, Hillcrest	1	0.87%	1	0.06%
Other	0	0.00%	6	0.39%
Total	115	100.00%	1,543	100.00%

Alcohol-Related Fatalities & Injuries by County

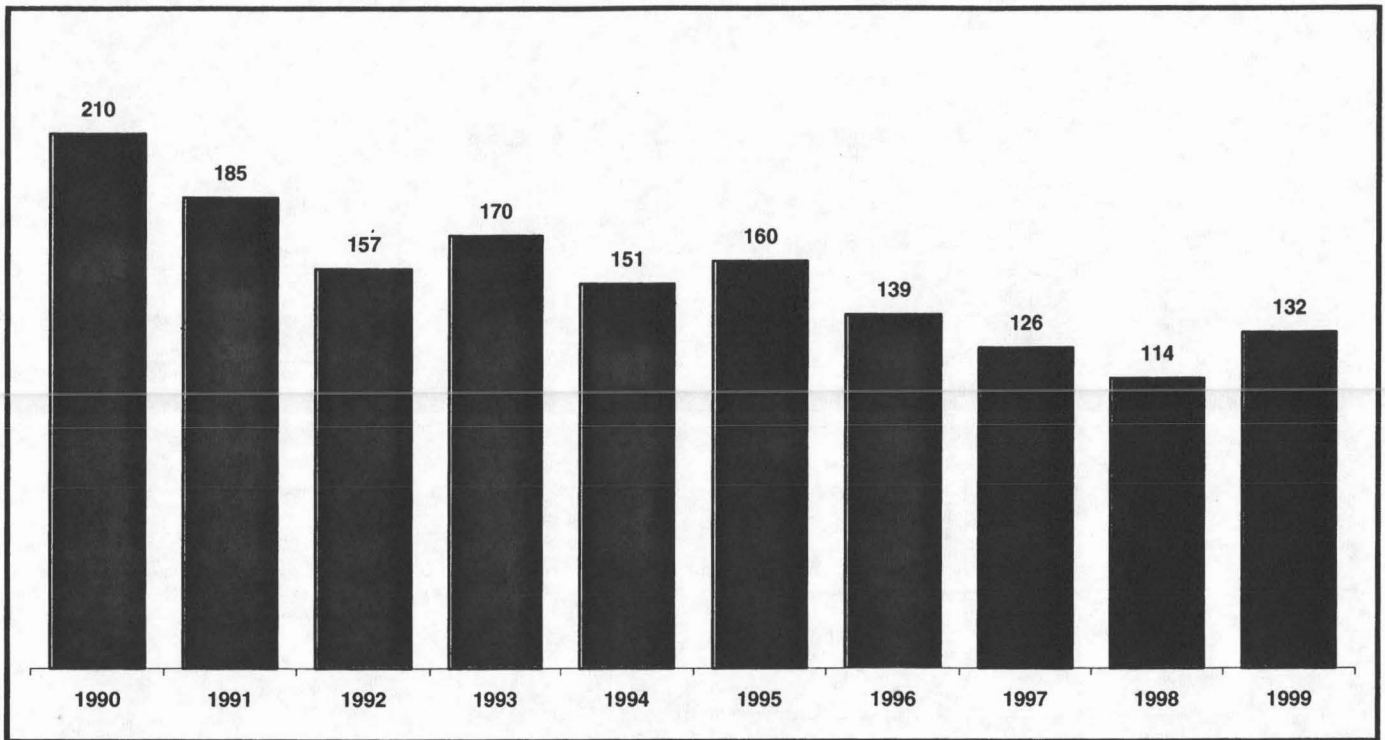
132 Fatalities -- 2,445 Injuries

Lyon 0 - 3	Osceola 1 - 7	Dickinson 0 - 19	Emmet 0 - 5	Kossuth 2 - 9	Winnebago 0 - 9	Worth 0 - 10	Mitchell 2 - 9	Howard 1 - 5	Winneshiek 2 - 37	Allamakee 1 - 27								
Sioux 0 - 24	O'Brien 0 - 8	Clay 0 - 15	Palo Alto 0 - 7		Hancock 0 - 8	Cerro Gordo 2 - 51	Floyd 0 - 13	Chickasaw 1 - 7			Fayette 2 - 12	Clayton 9 - 24						
Plymouth 0 - 24	Cherokee 1 - 12	Buena Vista 0 - 13	Pocahontas 2 - 5	Humboldt 0 - 6	Wright 3 - 20	Franklin 0 - 7	Butler 1 - 4	Bremer 1 - 18	Black Hawk 5 - 115	Buchanan 2 - 27	Delaware 2 - 19	Dubuque 2 - 92						
Woodbury 1 - 96	Ida 1 - 1	Sac 1 - 4	Calhoun 0 - 9	Webster 2 - 22	Hamilton 0 - 15	Hardin 1 - 13	Grundy 2 - 11	Tama 2 - 10		Benton 1 - 17	Linn 0 - 129	Jones 4 - 12	Jackson 3 - 21					
Monona 0 - 7	Crawford 1 - 8	Carroll 1 - 20	Greene 1 - 5	Boone 2 - 12	Story 4 - 45	Marshall 1 - 40	Jasper 0 - 13	Poweshiek 2 - 23	Iowa 2 - 15	Johnson 8 - 69	Cedar 2 - 13	Clinton 1 - 45						
Harrison 0 - 13	Shelby 0 - 0	Audubon 1 - 6	Guthrie 0 - 4	Dallas 2 - 20	Polk 7 - 384	Muscatine 6 - 37					Scott 5 - 190							
Pottawattamie 4 - 86	Cass 0 - 16	Adair 0 - 6	Madison 1 - 10	Warren 0 - 22	Marion 1 - 17	Mahaska 0 - 19	Keokuk 3 - 11	Washington 0 - 7	Louisa 0 - 11	Henry 3 - 17	Des Moines 1 - 26							
Mills 0 - 14	Montgomery 1 - 15	Adams 0 - 2	Union 1 - 11	Clarke 0 - 3	Lucas 1 - 5	Monroe 0 - 7	Wapello 3 - 31	Jefferson 0 - 7	Fremont 0 - 10			Page 1 - 5	Taylor 0 - 3	Ringgold 0 - 6	Decatur 0 - 7	Wayne 0 - 1	Appanoose 1 - 33	Davis 0 - 4

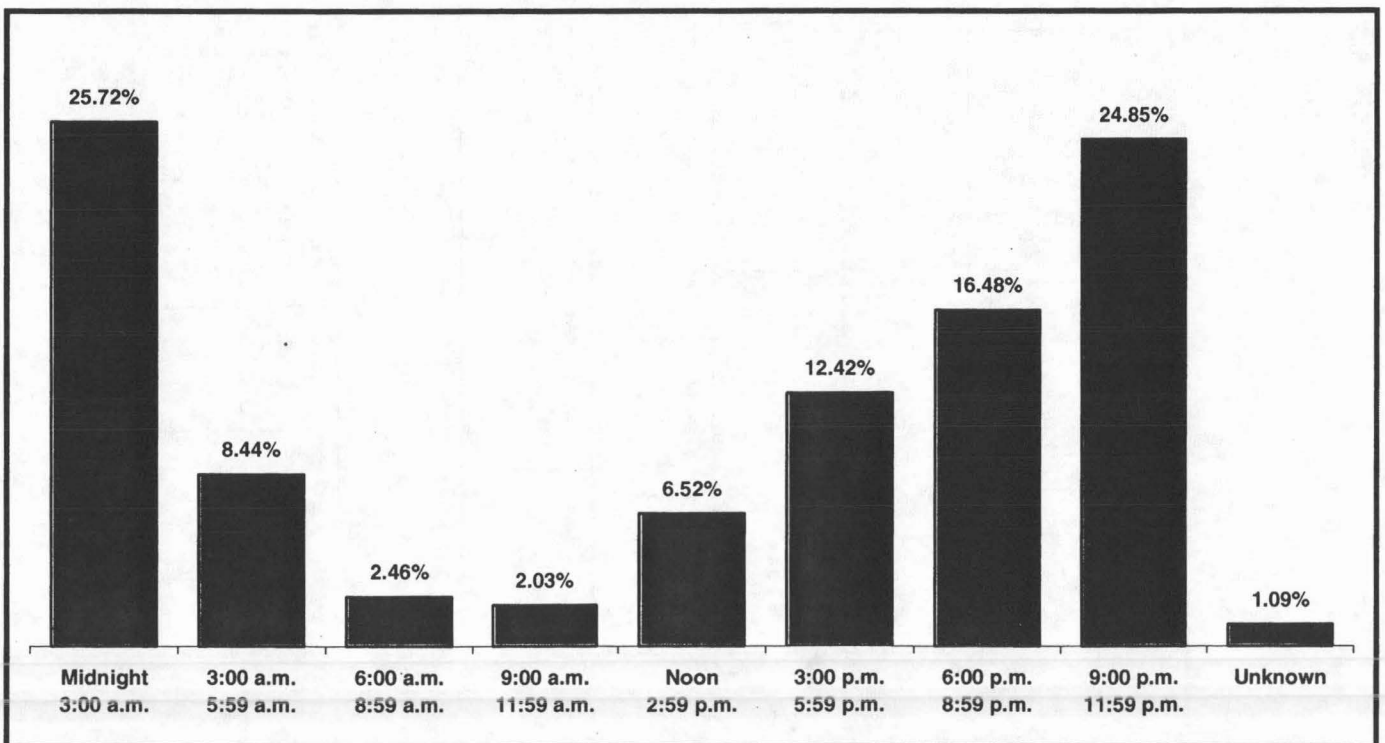
Fatalities - Injuries

Alcohol-Related Crashes

Alcohol-Related Fatalities over a 10-Year Period

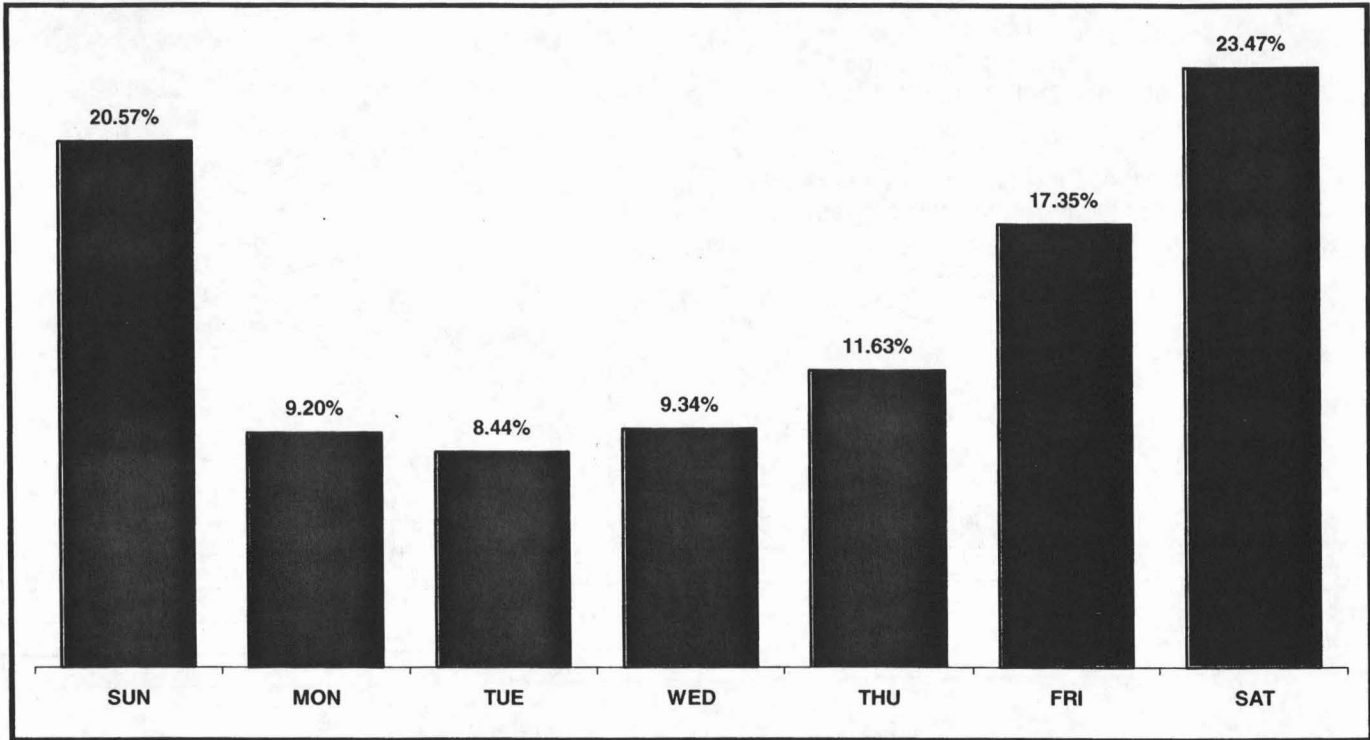


Alcohol-Related Crashes by Time of Day

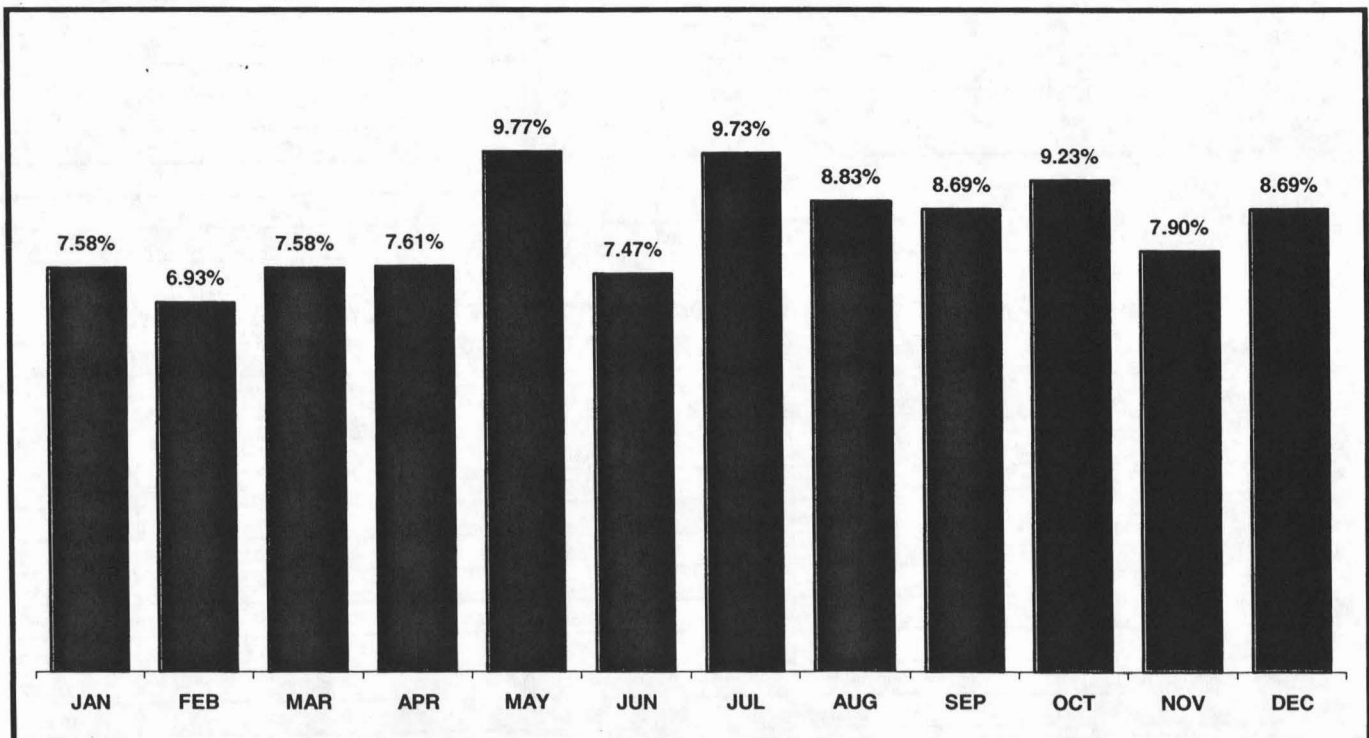


Alcohol-Related Crashes

Alcohol-Related Crashes by Day of Week



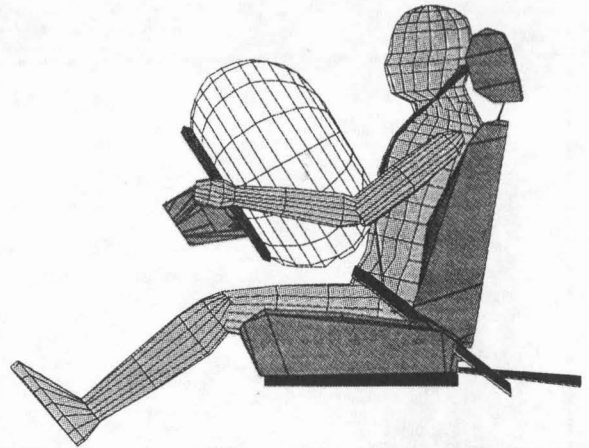
Alcohol-Related Crashes by Month



Protective Device Usage

Numbers in this section reflect the number of fatalities and injuries in traffic crashes by protective device use.

Usage does **NOT** include helmets, pedestrians, and occupants of the following vehicles: farm equipment, motorcycles, pedalcycles, recreational vehicles, trains, mopeds, and unknown vehicles.



Protective Device Usage

Usage	Fatalities & Injuries							
	Fatal		Major		Minor/Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Not Used	180	43.06%	810	26.29%	5,508	17.38%	6,498	18.47%
Used	151	36.12%	1,531	49.69%	18,148	57.27%	19,830	56.36%
Unknown	87	20.81%	740	24.02%	8,031	25.34%	8,858	25.17%
Total	418	100.00%	3,081	100.00%	31,687	100.00%	35,186	100.00%

Type of Protective Device Used

Protective Device Used	Fatalities & Injuries							
	Fatal		Major		Minor/Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
None	171	40.91%	708	22.98%	4,678	14.76%	5,557	15.79%
Lap Belt	11	2.63%	136	4.41%	1,734	5.47%	1,881	5.35%
Lap & Shoulder Belt	136	32.54%	1,347	43.72%	15,940	50.30%	17,423	49.52%
Airbag Deployed	9	2.15%	100	3.25%	749	2.36%	858	2.44%
Child Restraint	2	0.48%	20	0.65%	339	1.07%	361	1.03%
Helmet	0	0.00%	2	0.06%	81	0.26%	83	0.24%
Passive Belt	1	0.24%	7	0.23%	43	0.14%	51	0.14%
Other	1	0.24%	21	0.68%	92	0.29%	114	0.32%
Unknown	87	20.81%	740	24.02%	8,031	25.34%	8,858	25.17%
Total	418	100.00%	3,081	100.00%	31,687	100.00%	35,186	100.00%

Type of Protective Device Used in Alcohol-Related Crashes

Protective Device Used in Alcohol-Related Crashes	Fatalities & Injuries							
	Fatal		Major		Minor/Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
None	71	58.68%	161	40.66%	375	88.24%	607	64.44%
Lap Belt	2	1.65%	14	3.54%	2	0.47%	18	1.91%
Lap & Shoulder Belt	26	21.49%	99	25.00%	26	6.12%	151	16.03%
Airbag Deployed	3	2.48%	10	2.53%	3	0.71%	16	1.70%
Child Restraint	0	0.00%	1	0.25%	0	0.00%	1	0.11%
Helmet	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Passive Belt	0	0.00%	1	0.25%	0	0.00%	1	0.11%
Other	0	0.00%	2	0.51%	0	0.00%	2	0.21%
Unknown	19	15.70%	108	27.27%	19	4.47%	146	15.50%
Total	121	100.00%	396	100.00%	425	100.00%	942	100.00%

Protective Device Usage

Protective Device Usage by Position in Vehicle

Position in Vehicle	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Driver	Not Used	119	41.32%	505	23.94%	3,376	15.81%	4,000	16.84%
	Used	110	38.19%	1,102	52.25%	12,645	59.22%	13,857	58.35%
	Unknown	59	20.49%	502	23.80%	5,330	24.96%	5,891	24.81%
	Total	288	100.00%	2,109	100.00%	21,351	100.00%	23,748	100.00%
Front Seat Passenger	Not Used	38	41.76%	187	26.64%	1,280	17.55%	1,505	18.61%
	Used	35	38.46%	349	49.72%	4,194	57.49%	4,578	56.60%
	Unknown	18	19.78%	166	23.65%	1,821	24.96%	2,005	24.79%
	Total	91	100.00%	702	100.00%	7,295	100.00%	8,088	100.00%
Back Seat Passenger	Not Used	16	57.14%	88	42.51%	550	24.51%	654	26.38%
	Used	4	14.29%	71	34.30%	1,021	45.50%	1,096	44.21%
	Unknown	8	28.57%	48	23.19%	673	29.99%	729	29.41%
	Total	28	100.00%	207	100.00%	2,244	100.00%	2,479	100.00%
Third Seat or Bus Passenger	Not Used	7	63.64%	30	48.39%	196	30.63%	233	32.68%
	Used	2	18.18%	9	14.52%	276	43.13%	287	40.25%
	Unknown	2	18.18%	23	37.10%	168	26.25%	193	27.07%
	Total	11	100.00%	62	100.00%	640	100.00%	713	100.00%
Other or Unknown	Not Used	0	0.00%	0	0.00%	106	67.52%	106	67.09%
	Used	0	0.00%	0	0.00%	12	7.64%	12	7.59%
	Unknown	0	0.00%	1	100.00%	39	24.84%	40	25.32%
	Total	0	0.00%	1	100.00%	157	100.00%	158	100.00%
Total	Not Used	180	43.06%	810	26.29%	5,508	17.38%	6,498	18.47%
	Used	151	36.12%	1,531	49.69%	18,148	57.27%	19,830	56.36%
	Unknown	87	20.81%	740	24.02%	8,031	25.34%	8,858	25.17%
	Total	418	100.00%	3,081	100.00%	31,687	100.00%	35,186	100.00%

Protective Device Usage by Gender

Gender	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Female	Not Used	54	31.95%	350	23.07%	2,908	16.21%	3,312	16.88%
	Used	89	52.66%	836	55.11%	10,609	59.15%	11,534	58.78%
	Unknown	26	15.38%	331	21.82%	4,418	24.63%	4,775	24.34%
	Total	169	100.00%	1,517	100.00%	17,935	100.00%	19,621	100.00%
Male	Not Used	126	67.02%	460	29.41%	2,599	18.90%	3,185	20.46%
	Used	62	32.98%	695	44.44%	7,539	54.83%	8,296	53.30%
	Unknown	61	32.45%	409	26.15%	3,613	26.27%	4,083	26.23%
	Total	188	100.00%	1,564	100.00%	13,751	100.00%	15,564	100.00%
Unknown	Not Used	0	0.00%	0	0.00%	1	100.00%	1	100.00%
	Used	0	0.00%	0	0.00%	0	0.00%	0	0.00%
	Unknown	0	0.00%	0	0.00%	0	0.00%	0	0.00%
	Total	0	0.00%	0	0.00%	1	100.00%	1	100.00%
Total	Not Used	180	43.06%	810	26.29%	5,508	17.38%	6,498	18.47%
	Used	151	36.12%	1,531	49.69%	18,148	57.27%	19,830	56.36%
	Unknown	87	20.81%	740	24.02%	8,031	25.34%	8,858	25.17%
	Total	418	100.00%	3,081	100.00%	31,687	100.00%	35,186	100.00%

Protective Device Usage

Protective Device Usage by Age

Age	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
14 & Under	Not Used	7	43.75%	48	24.37%	615	21.59%	670	21.88%
	Used	4	25.00%	103	52.28%	1,502	52.72%	1,609	52.55%
	Unknown	5	31.25%	46	23.35%	732	25.69%	783	25.57%
	Total	16	100.00%	197	100.00%	2,849	100.00%	3,062	100.00%
15 to 24	Not Used	46	42.20%	299	30.29%	1,987	19.38%	2,332	20.55%
	Used	37	33.94%	438	44.38%	5,704	55.64%	6,179	54.45%
	Unknown	26	23.85%	250	25.33%	2,560	24.97%	2,836	24.99%
	Total	109	100.00%	987	100.00%	10,251	100.00%	11,347	100.00%
25 to 34	Not Used	40	62.50%	142	30.47%	850	16.97%	1,032	18.63%
	Used	14	21.88%	216	46.35%	2,831	56.51%	3,061	55.25%
	Unknown	10	15.63%	108	23.18%	1,329	26.53%	1,447	26.12%
	Total	64	100.00%	466	100.00%	5,010	100.00%	5,540	100.00%
35 to 44	Not Used	27	47.37%	135	27.38%	653	14.58%	815	16.21%
	Used	17	29.82%	239	48.48%	2,651	59.20%	2,907	57.82%
	Unknown	13	22.81%	119	24.14%	1,174	26.22%	1,306	25.97%
	Total	57	100.00%	493	100.00%	4,478	100.00%	5,028	100.00%
45 to 54	Not Used	26	52.00%	56	18.42%	507	15.44%	589	16.19%
	Used	17	34.00%	179	58.88%	1,986	60.49%	2,182	59.99%
	Unknown	7	14.00%	69	22.70%	790	24.06%	866	23.81%
	Total	50	100.00%	304	100.00%	3,283	100.00%	3,637	100.00%
55 to 64	Not Used	14	35.00%	45	20.18%	221	13.26%	280	14.51%
	Used	18	45.00%	128	57.40%	1,029	61.73%	1,175	60.88%
	Unknown	8	20.00%	50	22.42%	417	25.01%	475	24.61%
	Total	40	100.00%	223	100.00%	1,667	100.00%	1,930	100.00%
65 to 74	Not Used	7	22.58%	33	21.15%	191	16.12%	231	16.84%
	Used	16	51.61%	87	55.77%	741	62.53%	844	61.52%
	Unknown	8	25.81%	36	23.08%	253	21.35%	297	21.65%
	Total	31	100.00%	156	100.00%	1,185	100.00%	1,372	100.00%
75 & Over	Not Used	13	28.26%	30	17.44%	183	14.22%	226	15.02%
	Used	25	54.35%	105	61.05%	828	64.34%	958	63.65%
	Unknown	8	17.39%	37	21.51%	276	21.45%	321	21.33%
	Total	46	100.00%	172	100.00%	1,287	100.00%	1,505	100.00%
Unknown	Not Used	0	0.00%	22	26.51%	301	17.95%	323	18.30%
	Used	3	60.00%	36	43.37%	876	52.24%	915	51.84%
	Unknown	2	40.00%	25	30.12%	500	29.82%	527	29.86%
	Total	5	100.00%	83	100.00%	1,677	100.00%	1,765	100.00%
Total	Not Used	180	43.06%	810	26.29%	5,508	17.38%	6,498	18.47%
	Used	151	36.12%	1,531	49.69%	18,148	57.27%	19,830	56.36%
	Unknown	87	20.81%	740	24.02%	8,031	25.34%	8,858	25.17%
	Total	418	100.00%	3,081	100.00%	31,687	100.00%	35,186	100.00%

Protective Device Usage

Protective Device Usage by Vehicle Type

Vehicle Type	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Passenger Cars	Not Used	99	35.61%	493	23.44%	3,785	16.60%	4,377	17.38%
	Used	121	43.53%	1,103	52.45%	13,231	58.03%	14,455	57.40%
	Unknown	58	20.86%	507	24.11%	5,785	25.37%	6,350	25.22%
	Total	278	100.00%	2,103	100.00%	22,801	100.00%	25,182	100.00%
Vans & Sport Utility Vehicles	Not Used	25	49.02%	119	29.82%	729	17.34%	873	18.75%
	Used	19	37.25%	198	49.62%	2,424	57.65%	2,641	56.73%
	Unknown	7	13.73%	82	20.55%	1,052	25.02%	1,141	24.51%
	Total	51	100.00%	399	100.00%	4,205	100.00%	4,655	100.00%
Pickup Trucks	Not Used	51	68.00%	176	34.92%	745	18.72%	972	21.33%
	Used	10	13.33%	199	39.48%	2,201	55.32%	2,410	52.87%
	Unknown	14	18.67%	129	25.60%	1,033	25.96%	1,176	25.80%
	Total	75	100.00%	504	100.00%	3,979	100.00%	4,558	100.00%
Straight Trucks	Not Used	0	0.00%	6	28.57%	39	26.90%	45	26.79%
	Used	0	0.00%	8	38.10%	69	47.59%	77	45.83%
	Unknown	2	100.00%	7	33.33%	37	25.52%	46	27.38%
	Total	2	100.00%	21	100.00%	145	100.00%	168	100.00%
Truck Tractors & Semitrailer Trucks	Not Used	4	40.00%	13	29.55%	69	22.70%	86	24.02%
	Used	1	10.00%	21	47.73%	171	56.25%	193	53.91%
	Unknown	5	50.00%	10	22.73%	64	21.05%	79	22.07%
	Total	10	100.00%	44	100.00%	304	100.00%	358	100.00%
Maintenance & Construction Vehicles	Not Used	1	50.00%	1	25.00%	11	27.50%	13	28.26%
	Used	0	0.00%	1	25.00%	20	50.00%	21	45.65%
	Unknown	1	50.00%	2	50.00%	9	22.50%	12	26.09%
	Total	2	100.00%	4	100.00%	40	100.00%	46	100.00%
Buses & Motor Homes	Not Used	0	0.00%	2	33.33%	130	61.03%	132	60.27%
	Used	0	0.00%	1	16.67%	32	15.02%	33	15.07%
	Unknown	0	0.00%	3	50.00%	51	23.94%	54	24.66%
	Total	0	0.00%	6	100.00%	213	100.00%	219	100.00%
Total	Not Used	180	43.06%	810	26.29%	5,508	17.38%	6,498	18.47%
	Used	151	36.12%	1,531	49.69%	18,148	57.27%	19,830	56.36%
	Unknown	87	20.81%	740	24.02%	8,031	25.34%	8,858	25.17%
	Total	418	100.00%	3,081	100.00%	31,687	100.00%	35,186	100.00%

Protective Device Usage by Ejection from Vehicle

Ejection from Vehicle	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Not Ejected	Not Used	84	33.87%	443	23.46%	2,363	14.51%	2,890	15.69%
	Used	110	44.35%	991	52.49%	10,102	62.02%	11,203	60.81%
	Unknown	54	21.77%	454	24.05%	3,822	23.47%	4,330	23.50%
	Total	248	100.00%	1,888	100.00%	16,287	100.00%	18,423	100.00%
Partially Ejected	Not Used	17	60.71%	15	53.57%	26	44.83%	58	50.88%
	Used	5	17.86%	11	39.29%	22	37.93%	38	33.33%
	Unknown	6	21.43%	2	7.14%	10	17.24%	18	15.79%
	Total	28	100.00%	28	100.00%	58	100.00%	114	100.00%
Totally Ejected	Not Used	70	78.65%	132	83.54%	98	73.13%	300	78.74%
	Used	5	5.62%	8	5.06%	17	12.69%	30	7.87%
	Unknown	14	15.73%	18	11.39%	19	14.18%	51	13.39%
	Total	89	100.00%	158	100.00%	134	100.00%	381	100.00%
Extracted from Vehicle	Not Used	4	25.00%	17	36.96%	9	21.43%	30	28.85%
	Used	8	50.00%	22	47.83%	23	54.76%	53	50.96%
	Unknown	4	25.00%	7	15.22%	10	23.81%	21	20.19%
	Total	16	100.00%	46	100.00%	42	100.00%	104	100.00%
Unknown	Not Used	5	13.51%	203	21.12%	3,012	19.86%	3,220	19.92%
	Used	23	62.16%	499	51.93%	7,984	52.64%	8,506	52.62%
	Unknown	9	24.32%	259	26.95%	4,170	27.50%	4,438	27.46%
	Total	37	100.00%	961	100.00%	15,166	100.00%	16,164	100.00%
Total	Not Used	180	43.06%	810	26.29%	5,508	17.38%	6,498	18.47%
	Used	151	36.12%	1,531	49.69%	18,148	57.27%	19,830	56.36%
	Unknown	87	20.81%	740	24.02%	8,031	25.34%	8,858	25.17%
	Total	418	100.00%	3,081	100.00%	31,687	100.00%	35,186	100.00%

Protective Device Usage

Protective Device Usage by Victim's Area of Injury

Injured Area	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Upper Torso	Not Used	18	41.86%	108	22.74%	1,568	15.56%	1,694	15.98%
	Used	19	44.19%	233	49.05%	5,987	59.39%	6,239	58.87%
	Unknown	6	13.95%	134	28.21%	2,525	25.05%	2,665	25.15%
	Total	43	100.00%	475	100.00%	10,080	100.00%	10,598	100.00%
Lower Torso	Not Used	0	0.00%	17	28.33%	76	14.23%	93	15.63%
	Used	1	100.00%	29	48.33%	341	63.86%	371	62.35%
	Unknown	0	0.00%	14	23.33%	117	21.91%	131	22.02%
	Total	1	100.00%	60	100.00%	534	100.00%	595	100.00%
Internal	Not Used	4	30.77%	21	22.11%	64	14.61%	89	16.30%
	Used	6	46.15%	50	52.63%	265	60.50%	321	58.79%
	Unknown	3	23.08%	24	25.26%	109	24.89%	136	24.91%
	Total	13	100.00%	95	100.00%	438	100.00%	546	100.00%
Head	Not Used	30	63.83%	129	30.07%	874	21.56%	1,033	22.81%
	Used	11	23.40%	193	44.99%	2,120	52.31%	2,324	51.31%
	Unknown	6	12.77%	107	24.94%	1,059	26.13%	1,172	25.88%
	Total	47	100.00%	429	100.00%	4,053	100.00%	4,529	100.00%
Arms	Not Used	0	0.00%	37	25.87%	241	17.19%	278	17.99%
	Used	0	0.00%	74	51.75%	846	60.34%	920	59.55%
	Unknown	0	0.00%	32	22.38%	315	22.47%	347	22.46%
	Total	0	0.00%	143	100.00%	1,402	100.00%	1,545	100.00%
Legs	Not Used	0	0.00%	26	21.31%	216	17.68%	242	18.01%
	Used	0	0.00%	64	52.46%	693	56.71%	757	56.32%
	Unknown	0	0.00%	32	26.23%	313	25.61%	345	25.67%
	Total	0	0.00%	122	100.00%	1,222	100.00%	1,344	100.00%
Multiple	Not Used	98	41.53%	454	27.09%	2,094	18.00%	2,646	19.54%
	Used	78	33.05%	846	50.48%	6,660	57.26%	7,584	56.00%
	Unknown	60	25.42%	376	22.43%	2,878	24.74%	3,314	24.47%
	Total	236	100.00%	1,676	100.00%	11,632	100.00%	13,544	100.00%
Other	Not Used	30	38.46%	18	22.22%	375	16.12%	423	17.02%
	Used	36	46.15%	42	51.85%	1,236	53.14%	1,314	52.88%
	Unknown	12	15.38%	21	25.93%	715	30.74%	748	30.10%
	Total	78	100.00%	81	100.00%	2,326	100.00%	2,485	100.00%
Total	Not Used	180	43.06%	810	26.29%	5,508	17.38%	6,498	18.47%
	Used	151	36.12%	1,531	49.69%	18,148	57.27%	19,830	56.36%
	Unknown	87	20.81%	740	24.02%	8,031	25.34%	8,858	25.17%
	Total	418	100.00%	3,081	100.00%	31,687	100.00%	35,186	100.00%

Protective Device Usage by Rural/Urban Classification

Rural/Urban Classification	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Rural	Not Used	150	44.25%	525	29.76%	2,276	20.10%	2,951	21.98%
	Used	125	36.87%	850	48.19%	6,535	57.72%	7,510	55.94%
	Unknown	64	18.88%	389	22.05%	2,510	22.17%	2,963	22.07%
	Total	339	100.00%	1,764	100.00%	11,321	100.00%	13,424	100.00%
Urban	Not Used	30	37.97%	285	21.64%	3,232	15.87%	3,547	16.30%
	Used	26	32.91%	681	51.71%	11,613	57.02%	12,320	56.61%
	Unknown	23	29.11%	351	26.65%	5,521	27.11%	5,895	27.09%
	Total	79	100.00%	1,317	100.00%	20,366	100.00%	21,762	100.00%
Total	Not Used	180	43.06%	810	26.29%	5,508	17.38%	6,498	18.47%
	Used	151	36.12%	1,531	49.69%	18,148	57.27%	19,830	56.36%
	Unknown	87	20.81%	740	24.02%	8,031	25.34%	8,858	25.17%
	Total	418	100.00%	3,081	100.00%	31,687	100.00%	35,186	100.00%

Protective Device Usage

Protective Device Usage by Type of Collision

Type of Collision	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Head On	Not Used	29	32.58%	65	25.29%	174	18.93%	268	21.19%
	Used	47	52.81%	146	56.81%	528	57.45%	721	57.00%
	Unknown	13	14.61%	46	17.90%	217	23.61%	276	21.82%
	Total	89	100.00%	257	100.00%	919	100.00%	1,265	100.00%
Crossed Center Line	Not Used	3	21.43%	59	28.50%	365	17.27%	427	18.29%
	Used	7	50.00%	106	51.21%	1,242	58.75%	1,355	58.03%
	Unknown	4	28.57%	42	20.29%	507	23.98%	553	23.68%
	Total	14	100.00%	207	100.00%	2,114	100.00%	2,335	100.00%
Rear Ended	Not Used	9	40.91%	69	17.60%	1,243	14.93%	1,321	15.11%
	Used	5	22.73%	228	58.16%	4,963	59.60%	5,196	59.44%
	Unknown	8	36.36%	95	24.23%	2,121	25.47%	2,224	25.44%
	Total	22	100.00%	392	100.00%	8,327	100.00%	8,741	100.00%
Sideswiped	Not Used	4	33.33%	12	34.29%	61	15.76%	77	17.74%
	Used	3	25.00%	14	40.00%	217	56.07%	234	53.92%
	Unknown	5	41.67%	9	25.71%	109	28.17%	123	28.34%
	Total	12	100.00%	35	100.00%	387	100.00%	434	100.00%
Right Angle	Not Used	31	37.80%	129	21.57%	949	16.30%	1,109	17.06%
	Used	35	42.68%	333	55.69%	3,424	58.82%	3,792	58.33%
	Unknown	16	19.51%	136	22.74%	1,448	24.88%	1,600	24.61%
	Total	82	100.00%	598	100.00%	5,821	100.00%	6,501	100.00%
Turned Into Path of Other Vehicle	Not Used	0	0.00%	23	22.12%	199	14.85%	222	15.33%
	Used	3	75.00%	56	53.85%	785	58.58%	844	58.29%
	Unknown	1	25.00%	25	24.04%	356	26.57%	382	26.38%
	Total	4	100.00%	104	100.00%	1,340	100.00%	1,448	100.00%
Single Vehicle Crash	Not Used	89	64.49%	325	35.52%	1,225	20.88%	1,639	23.68%
	Used	25	18.12%	370	40.44%	3,247	55.34%	3,642	52.63%
	Unknown	24	17.39%	220	24.04%	1,395	23.78%	1,639	23.68%
	Total	138	100.00%	915	100.00%	5,867	100.00%	6,920	100.00%
Parked Vehicle	Not Used	4	80.00%	20	46.51%	105	27.20%	129	29.72%
	Used	0	0.00%	10	23.26%	163	42.23%	173	39.86%
	Unknown	1	20.00%	13	30.23%	118	30.57%	132	30.41%
	Total	5	100.00%	43	100.00%	386	100.00%	434	100.00%
Other	Not Used	11	21.15%	108	20.38%	1,187	18.19%	1,306	18.37%
	Used	26	50.00%	268	50.57%	3,579	54.84%	3,873	54.49%
	Unknown	15	28.85%	154	29.06%	1,760	26.97%	1,929	27.14%
	Total	52	100.00%	530	100.00%	6,526	100.00%	7,108	100.00%
Total	Not Used	180	43.06%	810	26.29%	5,508	17.38%	6,498	18.47%
	Used	151	36.12%	1,531	49.69%	18,148	57.27%	19,830	56.36%
	Unknown	87	20.81%	740	24.02%	8,031	25.34%	8,858	25.17%
	Total	418	100.00%	3,081	100.00%	31,687	100.00%	35,186	100.00%

Protective Device Usage

Protective Device Usage by Road System

Road System	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Interstate or Freeway	Not Used	20	38.46%	60	25.32%	420	17.46%	500	18.55%
	Used	19	36.54%	124	52.32%	1,460	60.68%	1,603	59.48%
	Unknown	13	25.00%	53	22.36%	526	21.86%	592	21.97%
	Total	52	100.00%	237	100.00%	2,406	100.00%	2,695	100.00%
State or U.S. Highway	Not Used	71	35.32%	270	22.75%	1,910	16.44%	2,251	17.31%
	Used	93	46.27%	656	55.27%	6,840	58.88%	7,589	58.36%
	Unknown	37	18.41%	261	21.99%	2,866	24.67%	3,164	24.33%
	Total	201	100.00%	1,187	100.00%	11,616	100.00%	13,004	100.00%
Country Road	Not Used	69	53.91%	292	32.66%	1,050	21.49%	1,411	23.88%
	Used	33	25.78%	385	43.06%	2,725	55.77%	3,143	53.20%
	Unknown	26	20.31%	217	24.27%	1,111	22.74%	1,354	22.92%
	Total	128	100.00%	894	100.00%	4,886	100.00%	5,908	100.00%
City Street	Not Used	20	55.56%	186	24.57%	2,113	16.61%	2,319	17.16%
	Used	6	16.67%	364	48.08%	7,107	55.88%	7,477	55.34%
	Unknown	10	27.78%	207	27.34%	3,498	27.50%	3,715	27.50%
	Total	36	100.00%	757	100.00%	12,718	100.00%	13,511	100.00%
Other	Not Used	0	0.00%	2	40.00%	11	21.15%	13	22.41%
	Used	0	0.00%	1	20.00%	15	28.85%	16	27.59%
	Unknown	1	100.00%	2	40.00%	26	50.00%	29	50.00%
	Total	1	100.00%	5	100.00%	52	100.00%	58	100.00%
Unknown	Not Used	0	0.00%	0	0.00%	4	44.44%	4	40.00%
	Used	0	0.00%	1	100.00%	1	11.11%	2	20.00%
	Unknown	0	0.00%	0	0.00%	4	44.44%	4	40.00%
	Total	0	0.00%	1	100.00%	9	100.00%	10	100.00%
Total	Not Used	180	43.06%	810	26.29%	5,508	17.38%	6,498	18.47%
	Used	151	36.12%	1,531	49.69%	18,148	57.27%	19,830	56.36%
	Unknown	87	20.81%	740	24.02%	8,031	25.34%	8,858	25.17%
	Total	418	100.00%	3,081	100.00%	31,687	100.00%	35,186	100.00%

Protective Device Usage by Vehicle's Initial Point of Impact

Initial Point of Impact	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Front	Not Used	73	41.71%	407	29.60%	2,148	18.75%	2,628	20.20%
	Used	58	33.14%	666	48.44%	6,455	56.33%	7,179	55.18%
	Unknown	44	25.14%	302	21.96%	2,856	24.92%	3,202	24.61%
	Total	175	100.00%	1,375	100.00%	11,459	100.00%	13,009	100.00%
Left	Not Used	36	40.91%	115	23.19%	733	15.83%	884	16.96%
	Used	37	42.05%	255	51.41%	2,733	59.04%	3,025	58.03%
	Unknown	15	17.05%	126	25.40%	1,163	25.12%	1,304	25.01%
	Total	88	100.00%	496	100.00%	4,629	100.00%	5,213	100.00%
Right	Not Used	37	38.95%	115	23.91%	673	17.15%	825	18.33%
	Used	43	45.26%	236	49.06%	2,259	57.55%	2,538	56.39%
	Unknown	15	15.79%	130	27.03%	993	25.30%	1,138	25.28%
	Total	95	100.00%	481	100.00%	3,925	100.00%	4,501	100.00%
Rear	Not Used	6	33.33%	25	11.36%	894	14.08%	925	14.04%
	Used	8	44.44%	138	62.73%	3,793	59.72%	3,939	59.78%
	Unknown	4	22.22%	57	25.91%	1,664	26.20%	1,725	26.18%
	Total	18	100.00%	220	100.00%	6,351	100.00%	6,589	100.00%
Other	Not Used	3	75.00%	12	35.29%	53	18.28%	68	20.73%
	Used	1	25.00%	16	47.06%	170	58.62%	187	57.01%
	Unknown	0	0.00%	6	17.65%	67	23.10%	73	22.26%
	Total	4	100.00%	34	100.00%	290	100.00%	328	100.00%
Unknown	Not Used	25	65.79%	136	28.63%	1,007	20.01%	1,168	21.06%
	Used	4	10.53%	220	46.32%	2,738	54.40%	2,962	53.41%
	Unknown	9	23.68%	119	25.05%	1,288	25.59%	1,416	25.53%
	Total	38	100.00%	475	100.00%	5,033	100.00%	5,546	100.00%
Total	Not Used	180	43.06%	810	26.29%	5,508	17.38%	6,498	18.47%
	Used	151	36.12%	1,531	49.69%	18,148	57.27%	19,830	56.36%
	Unknown	87	20.81%	740	24.02%	8,031	25.34%	8,858	25.17%
	Total	418	100.00%	3,081	100.00%	31,687	100.00%	35,186	100.00%

Protective Device Usage

Protective Device Usage by Posted Speed Limit

Posted Speed Limit	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under 25 mph	Not Used	0	0.00%	9	33.33%	100	18.59%	109	19.26%
	Used	0	0.00%	8	29.63%	296	55.02%	304	53.71%
	Unknown	1	100.00%	10	37.04%	142	26.39%	153	27.03%
	Total	1	100.00%	27	100.00%	538	100.00%	566	100.00%
25 to 35 mph	Not Used	22	52.38%	202	22.93%	2,320	16.16%	2,544	16.65%
	Used	11	26.19%	456	51.76%	8,128	56.61%	8,595	56.24%
	Unknown	9	21.43%	223	25.31%	3,911	27.24%	4,143	27.11%
	Total	42	100.00%	881	100.00%	14,359	100.00%	15,282	100.00%
45 to 50 mph	Not Used	12	35.29%	116	28.09%	665	16.85%	793	18.05%
	Used	12	35.29%	190	46.00%	2,356	59.71%	2,558	58.23%
	Unknown	10	29.41%	107	25.91%	925	23.44%	1,042	23.72%
	Total	34	100.00%	413	100.00%	3,946	100.00%	4,393	100.00%
55 mph	Not Used	117	42.39%	373	29.58%	1,369	19.49%	1,859	21.72%
	Used	108	39.13%	607	48.14%	4,111	58.54%	4,826	56.38%
	Unknown	51	18.48%	281	22.28%	1,543	21.97%	1,875	21.90%
	Total	276	100.00%	1,261	100.00%	7,023	100.00%	8,560	100.00%
65 mph	Not Used	27	45.76%	52	24.41%	236	15.84%	315	17.88%
	Used	18	30.51%	125	58.69%	965	64.77%	1,108	62.88%
	Unknown	14	23.73%	36	16.90%	289	19.40%	339	19.24%
	Total	59	100.00%	213	100.00%	1,490	100.00%	1,762	100.00%
Unknown	Not Used	2	33.33%	58	20.28%	818	18.89%	878	18.99%
	Used	2	33.33%	145	50.70%	2,292	52.92%	2,439	52.76%
	Unknown	2	33.33%	83	29.02%	1,221	28.19%	1,306	28.25%
	Total	6	100.00%	286	100.00%	4,331	100.00%	4,623	100.00%
Total	Not Used	180	43.06%	810	26.29%	5,508	17.38%	6,498	18.47%
	Used	151	36.12%	1,531	49.69%	18,148	57.27%	19,830	56.36%
	Unknown	87	20.81%	740	24.02%	8,031	25.34%	8,858	25.17%
	Total	418	100.00%	3,081	100.00%	31,687	100.00%	35,186	100.00%

Protective Device Usage by Crash Type

Crash Type	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Overtumed	Not Used	22	73.33%	87	34.12%	267	19.45%	376	22.68%
	Used	3	10.00%	113	44.31%	789	57.47%	905	54.58%
	Unknown	5	16.67%	55	21.57%	317	23.09%	377	22.74%
	Total	30	100.00%	255	100.00%	1,373	100.00%	1,658	100.00%
Other Vehicle	Not Used	85	31.60%	446	21.99%	4,041	16.36%	4,572	16.93%
	Used	125	46.47%	1,100	54.24%	14,330	58.00%	15,555	57.61%
	Unknown	59	21.93%	482	23.77%	6,334	25.64%	6,875	25.46%
	Total	269	100.00%	2,028	100.00%	24,705	100.00%	27,002	100.00%
Parked Vehicle	Not Used	4	80.00%	20	41.67%	113	26.53%	137	28.60%
	Used	0	0.00%	14	29.17%	183	42.96%	197	41.13%
	Unknown	1	20.00%	14	29.17%	130	30.52%	145	30.27%
	Total	5	100.00%	48	100.00%	426	100.00%	479	100.00%
Animal	Not Used	0	0.00%	6	20.69%	119	17.00%	125	17.12%
	Used	0	0.00%	18	62.07%	452	64.57%	470	64.38%
	Unknown	1	100.00%	5	17.24%	129	18.43%	135	18.49%
	Total	1	100.00%	29	100.00%	700	100.00%	730	100.00%
Fixed Object	Not Used	61	64.89%	189	35.33%	742	22.71%	992	25.46%
	Used	19	20.21%	219	40.93%	1,735	53.11%	1,973	50.64%
	Unknown	14	14.89%	127	23.74%	790	24.18%	931	23.90%
	Total	94	100.00%	535	100.00%	3,267	100.00%	3,896	100.00%
Other Object	Not Used	0	0.00%	5	18.52%	28	14.29%	33	14.54%
	Used	2	50.00%	10	37.04%	115	58.67%	127	55.95%
	Unknown	2	50.00%	12	44.44%	53	27.04%	67	29.52%
	Total	4	100.00%	27	100.00%	196	100.00%	227	100.00%
Other Unknown	Not Used	8	53.33%	57	35.85%	198	19.41%	263	22.03%
	Used	2	13.33%	57	35.85%	544	53.33%	603	50.50%
	Unknown	5	33.33%	45	28.30%	278	27.25%	328	27.47%
	Total	15	100.00%	159	100.00%	1,020	100.00%	1,194	100.00%
Total	Not Used	180	43.06%	810	26.29%	5,508	17.38%	6,498	18.47%
	Used	151	36.12%	1,531	49.69%	18,148	57.27%	19,830	56.36%
	Unknown	87	20.81%	740	24.02%	8,031	25.34%	8,858	25.17%
	Total	418	100.00%	3,081	100.00%	31,687	100.00%	35,186	100.00%

Protective Device Usage—Children

Protective Device Usage by Children Under Age 6 & by Position in Vehicle

Position of Child	Usage	Fatalities & Injuries							
		Fatal		Major		Minor/Unknown		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Front Seat	None	0	0.00%	7	25.00%	45	14.15%	52	15.03%
	Belt	0	0.00%	13	46.43%	152	47.80%	165	47.69%
	Child	0	0.00%	5	17.86%	26	8.18%	31	8.96%
	Other	0	0.00%	2	7.14%	8	2.52%	10	2.89%
	Unknown	0	0.00%	1	3.57%	87	27.36%	88	25.43%
	Total	0	0.00%	28	100.00%	318	100.00%	346	100.00%
Back Seat	None	2	100.00%	1	3.85%	53	12.21%	56	12.12%
	Belt	0	0.00%	11	42.31%	162	37.33%	173	37.45%
	Child	0	0.00%	6	23.08%	104	23.96%	110	23.81%
	Other	0	0.00%	0	0.00%	6	1.38%	6	1.30%
	Unknown	0	0.00%	8	30.77%	109	25.12%	117	25.32%
	Total	2	100.00%	26	100.00%	434	100.00%	462	100.00%
Third Row Seat	None	1	100.00%	2	50.00%	15	13.04%	18	15.00%
	Belt	0	0.00%	1	25.00%	46	40.00%	47	39.17%
	Child	0	0.00%	0	0.00%	33	28.70%	33	27.50%
	Other	0	0.00%	0	0.00%	1	0.87%	1	0.83%
	Unknown	0	0.00%	1	25.00%	20	17.39%	21	17.50%
	Total	1	100.00%	4	100.00%	115	100.00%	120	100.00%
Other or Unknown	None	0	0.00%	0	0.00%	2	40.00%	2	40.00%
	Belt	0	0.00%	0	0.00%	1	20.00%	1	20.00%
	Child	0	0.00%	0	0.00%	2	40.00%	2	40.00%
	Other	0	0.00%	0	0.00%	0	0.00%	0	0.00%
	Unknown	0	0.00%	0	0.00%	0	0.00%	0	0.00%
	Total	0	0.00%	0	0.00%	5	100.00%	5	100.00%
Total	None	3	100.00%	10	17.24%	115	13.19%	128	13.72%
	Belt	0	0.00%	25	43.10%	361	41.40%	386	41.37%
	Child	0	0.00%	11	18.97%	165	18.92%	176	18.86%
	Other	0	0.00%	2	3.45%	15	1.72%	17	1.82%
	Unknown	0	0.00%	10	17.24%	216	24.77%	226	24.22%
	Total	3	100.00%	58	100.00%	872	100.00%	933	100.00%

10-Year Statistics for Children Under Age 6 & Percentage Using Child Restraints

Year	Fatalities	Injuries	Child Restraint Usage Rate
1999	3	930	18.86%
1998	5	788	N/A
1997	8	1,029	N/A
1996	17	909	N/A
1995	8	1,283	19.57%
1994	7	1,245	17.81%
1993	9	889	26.82%
1992	5	907	28.36%
1991	13	950	30.77%
1990	8	1,023	43.20%

Usage rate is the percentage of children injured or killed who were using a child restraint.

When Crashes Happened

Fatalities by Date

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1	1	2	2	3	0	0	0	2	1	0	0	0	11
2	1	2	0	6	0	1	2	1	1	1	3	4	22
3	0	0	1	4	4	1	1	2	1	1	0	3	18
4	0	0	0	2	0	1	0	1	2	1	0	0	7
5	0	2	1	1	2	2	0	1	0	0	1	2	12
6	2	2	3	1	0	4	1	2	0	0	2	0	17
7	0	2	2	1	1	2	3	1	0	5	1	1	19
8	0	3	2	0	1	0	0	0	3	1	0	1	11
9	1	1	0	1	1	1	4	0	1	1	1	1	13
10	0	0	0	0	0	0	4	1	1	3	0	0	9
11	1	0	2	0	1	1	3	2	0	0	0	1	11
12	1	2	0	1	0	1	0	1	0	2	2	1	11
13	0	2	0	1	1	2	2	1	3	1	4	3	20
14	0	0	3	0	4	1	4	4	2	0	0	2	20
15	1	0	5	2	4	2	0	3	0	3	1	6	27
16	0	1	3	1	1	0	1	3	0	1	1	2	14
17	1	0	0	0	1	3	3	2	3	2	1	2	18
18	2	0	2	0	0	0	1	2	3	0	1	1	12
19	2	1	1	2	2	5	4	1	1	2	1	5	27
20	0	2	2	0	3	2	3	1	0	1	3	4	21
21	1	0	2	1	2	3	1	0	1	0	4	2	17
22	0	0	1	1	1	0	1	1	0	3	0	5	13
23	1	0	4	0	2	2	6	2	3	2	0	3	25
24	0	1	1	0	0	3	0	2	2	1	4	1	15
25	0	0	0	4	2	4	1	2	1	0	0	0	14
26	1	0	0	0	2	0	2	1	0	5	2	0	13
27	0	2	1	0	3	4	4	2	1	0	3	2	22
28	0	0	4	0	1	0	3	3	1	3	2	0	17
29	0	0	2	1	2	0	5	0	2	2	0	0	14
30	1		2	1	1	1	0	0	0	2	1	1	10
31	1	N/A	0	N/A	2	N/A	0	3	N/A	1	N/A	3	10
Total	18	25	46	34	44	46	59	47	33	44	38	56	490

When Crashes Happened

Crashes by Time of Day

Time of Day	Fatal Crashes		Injury Crashes		Property Damage		All Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Midnight to 2:59 a.m.	55	12.85%	1,051	4.39%	1,893	4.72%	2,999	4.65%
3:00 a.m. to 5:59 a.m.	27	6.31%	582	2.43%	1,375	3.43%	1,984	3.08%
6:00 a.m. to 8:59 a.m.	39	9.11%	2,853	11.92%	4,677	11.66%	7,569	11.74%
9:00 a.m. to 11:59 a.m.	45	10.51%	3,049	12.74%	5,052	12.59%	8,146	12.63%
Noon to 2:59 p.m.	73	17.06%	4,647	19.42%	6,836	17.04%	11,556	17.92%
3:00 p.m. to 5:59 p.m.	86	20.09%	6,586	27.52%	9,522	23.73%	16,194	25.11%
6:00 p.m. to 8:59 p.m.	48	11.21%	3,056	12.77%	6,016	14.99%	9,120	14.14%
9:00 p.m. to 11:59 p.m.	53	12.38%	1,983	8.29%	4,065	10.13%	6,101	9.46%
Unknown	2	0.47%	125	0.52%	689	1.72%	816	1.27%
Total	428	100.00%	23,932	100.00%	40,125	100.00%	64,485	100.00%

Crashes by Day of Week

Day of Week	Fatal Crashes		Injury Crashes		Property Damage		All Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Sunday	66	15.42%	2,636	11.01%	4,164	10.38%	6,866	10.65%
Monday	55	12.85%	3,521	14.71%	6,007	14.97%	9,583	14.86%
Tuesday	59	13.79%	3,393	14.18%	5,634	14.04%	9,086	14.09%
Wednesday	54	12.62%	3,432	14.34%	5,822	14.51%	9,308	14.43%
Thursday	50	11.68%	3,655	15.27%	5,867	14.62%	9,572	14.84%
Friday	73	17.06%	4,074	17.02%	7,285	18.16%	11,432	17.73%
Saturday	71	16.59%	3,221	13.46%	5,346	13.32%	8,638	13.40%
Total	428	100.00%	23,932	100.00%	40,125	100.00%	64,485	100.00%

Crashes by Month

Month	Fatal Crashes		Injury Crashes		Property Damage		All Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
January	17	3.97%	2,079	8.69%	4,268	10.64%	6,364	9.87%
February	21	4.91%	1,687	7.05%	2,884	7.19%	4,592	7.12%
March	37	8.64%	1,673	6.99%	2,853	7.11%	4,563	7.08%
April	27	6.31%	1,723	7.20%	2,719	6.78%	4,469	6.93%
May	38	8.88%	2,140	8.94%	3,350	8.35%	5,528	8.57%
June	39	9.11%	2,042	8.53%	3,041	7.58%	5,122	7.94%
July	53	12.38%	2,063	8.62%	2,954	7.36%	5,070	7.86%
August	45	10.51%	2,125	8.88%	2,754	6.86%	4,924	7.64%
September	31	7.24%	2,046	8.55%	2,891	7.20%	4,968	7.70%
October	36	8.41%	2,119	8.85%	3,617	9.01%	5,772	8.95%
November	37	8.64%	1,909	7.98%	4,104	10.23%	6,050	9.38%
December	47	10.98%	2,326	9.72%	4,690	11.69%	7,063	10.95%
Total	428	100.00%	23,932	100.00%	40,125	100.00%	64,485	100.00%

Crashes by Time of Day & Day of Week

Day of Week	Type of Crash	Midnight to 2:59 a.m.	3:00 a.m. to 5:59 a.m.	6:00 a.m. to 8:59 a.m.	9:00 a.m. to 11:59 a.m.	Noon to 2:59 p.m.	3:00 p.m. to 5:59 p.m.	6:00 p.m. to 8:59 p.m.	9:00 p.m. to 11:59 p.m.	Unknown	Total
SUN	Fatal	14	6	2	10	12	13	4	4	1	66
	Injury	301	130	131	294	561	626	331	242	20	2,636
	Property	443	195	184	467	758	810	742	482	83	4,164
	Total	758	331	317	771	1,331	1,449	1,077	728	104	6,866
MON	Fatal	5	3	4	5	13	15	5	5	0	55
	Injury	84	86	497	480	679	1,014	443	216	22	3,521
	Property	174	198	871	823	1,031	1,532	796	489	93	6,007
	Total	263	287	1,372	1,308	1,723	2,561	1,244	710	115	9,583
TUE	Fatal	4	2	10	7	11	11	8	6	0	59
	Injury	85	57	493	428	647	1,008	408	254	13	3,393
	Property	177	171	825	706	925	1,432	819	479	100	5,634
	Total	266	230	1,328	1,141	1,583	2,451	1,235	739	113	9,086
WED	Fatal	4	3	10	8	5	11	4	9	0	54
	Injury	79	51	579	426	641	986	427	231	12	3,432
	Property	168	199	878	692	1,008	1,448	824	510	95	5,822
	Total	251	253	1,467	1,126	1,654	2,445	1,255	750	107	9,308
THU	Fatal	3	5	5	3	12	7	10	5	0	50
	Injury	102	70	473	436	674	1,181	455	250	14	3,655
	Property	213	168	730	707	962	1,578	879	541	89	5,867
	Total	318	243	1,208	1,146	1,648	2,766	1,344	796	103	9,572
FRI	Fatal	9	4	5	8	10	15	11	11	0	73
	Injury	123	80	456	483	771	1,172	526	442	21	4,074
	Property	237	210	826	815	1,263	1,889	1,093	839	113	7,285
	Total	369	294	1,287	1,306	2,044	3,076	1,630	1,292	134	11,432
SAT	Fatal	16	4	3	4	10	14	6	13	1	71
	Injury	277	108	224	502	674	599	466	348	23	3,221
	Property	481	234	363	842	889	833	863	725	116	5,346
	Total	774	346	590	1,348	1,573	1,446	1,335	1,086	140	8,638
TOTAL	Fatal	55	27	39	45	73	86	48	53	2	428
	Injury	1,051	582	2,853	3,049	4,647	6,586	3,056	1,983	125	23,932
	Property	1,893	1,375	4,677	5,052	6,836	9,522	6,016	4,065	689	40,125
	Total	2,999	1,984	7,569	8,146	11,556	16,194	9,120	6,101	816	64,485

Total & Alcohol-Related Fatalities on Holidays

Holiday periods list the number of full days. Fatalities occurring from 6 p.m. to midnight on the previous day are also included. Regular weekend periods are from 6 p.m. Friday to midnight Sunday.

Beginning in 1978 the number of alcohol-related traffic fatalities for a given holiday is included, as well as the total number of holiday fatalities.

Beginning in 1981 the number of days included in a holiday period has been standardized as follows:

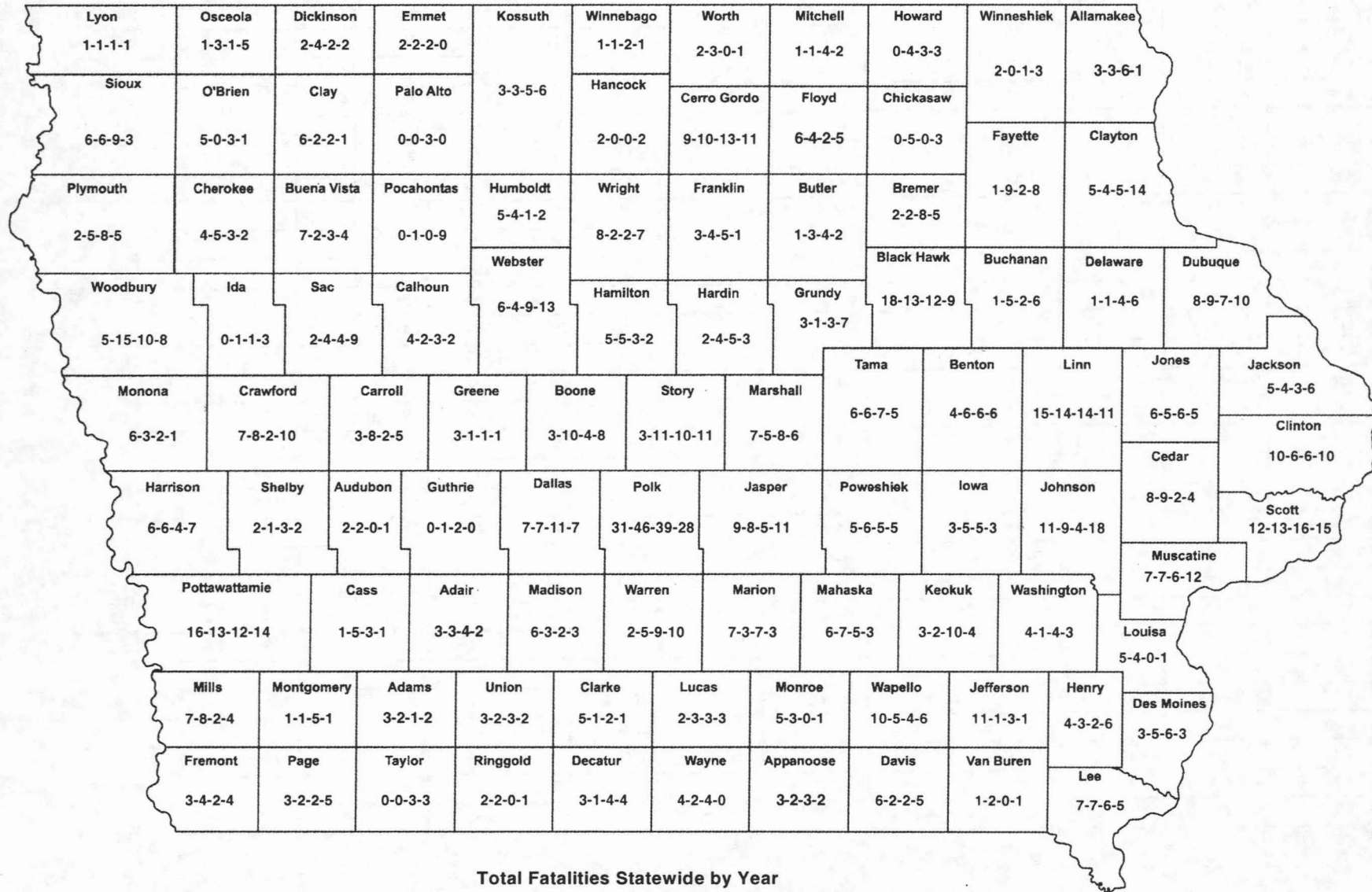
1 day if a holiday falls on a Wednesday

3 days if a holiday falls on Friday through Monday

Year	New Years			Memorial			Fourth of July			Labor Day			Thanksgiving			Christmas		
	Fatal	Alcohol	Days	Fatal	Alcohol	Days	Fatal	Alcohol	Days	Fatal	Alcohol	Days	Fatal	Alcohol	Days	Fatal	Alcohol	Days
1966	4		3	7		3	13		4	9		3				8		3
1967	1		1	11		3	19		4	18		3				5		1
1968	12		4	7		3	1		3	11		3	13		4	7		4
1969	8		3	8		3	10		3	13		3	12		4	7		3
1970	4		3	5		3	12		3	15		3	12		4	9		3
1971	5		3	9		3	3		1	6		3	14		4	12		3
1972	6		4	7		3	5		1	11		3	14		4	9		4
1973	6		10	4		3	8		4	16		3	13		4	4		1
1974	5		4	6		3	7		3	8		3	3		4	5		4
1975	9		3	6		3	16		3	10		3	9		4	5		3
1976	1		3	11		3	16		3	6		3	7		4	5		3
1977	1	0	3	13	6	3	8	5	4	5	1	3	12	5	4	3	2	4
1978	3	3	3	9	5	3	8	4	1	11	8	3	10	6	4	11	6	4
1979	13	7	4	5	2	3	9	7	3	11	6	3	13	9	4	1	1	4
1980	8	4	4	8	3	3	6	2	3	7	4	3	7	2	4	6	1	3
1981	4	3	3	3	2	3	5	3	3	9	6	3	8	3	4	10	2	3
1982	17	11	3	10	9	3	9	8	3	5	2	3	3	1	4	2	0	3
1983	3	3	3	4	0	3	3	2	1	7	7	3	4	0	4	6	2	4
1984	4	2	4	5	2	3	7	6	4	13	12	3	11	1	4	0	0	1
1985	0	0	1	7	7	3	3	2	3	8	5	3	4	3	4	8	5	4
1986	3	2	4	9	6	3	10	5	3	4	4	3	8	1	4	4	1	3
1987	4	4	3	6	4	3	11	6	3	5	3	3	5	1	4	14	6	3
1988	2	1	3	12	5	3	14	5	4	8	1	3	5	4	4	6	2	3
1989	3	1	3	8	4	3	2	2	1	6	3	3	5	3	4	7	5	4
1990	12	10	4	10	5	3	11	7	4	2	0	3	10	2	4	0	0	1
1991	1	0	3	4	2	3	8	0	3	5	4	3	4	1	4	1	0	3
1992	7	4	3	4	1	3	8	4	3	7	4	3	7	4	4	4	1	3
1993	8	1	3	4	0	3	13	5	3	3	2	3	4	0	4	9	4	3
1994	4	1	3	6	1	3	6	2	4	12	2	3	7	0	4	1	0	3
1995	1	0	3	4	2	3	11	2	4	5	0	3	9	4	4	3	0	4
1996	4	4	1	4	1	3	6	3	3	3	2	3	3	1	4	2	2	4
1997	5	2	4	1	1	3	3	1	3	4	1	3	3	0	4	5	1	3
1999	2	2	3	5	1	3	2	0	3	2	0	3	8	3	4	2	1	3

Fatalities by County

1996 - 1997 - 1998 - 1999



Total Fatalities Statewide by Year

1996 - 465 1997 - 468 1998 - 449 1999 - 490

Where Crashes Happened

Crashes by County

County	Fatalities	Injuries	Crashes				Population		Licensed Drivers		Vehicle Registrations		Vehicle Miles Traveled (Millions)	
			Fatal	Injury	Prop	Total	Number	Crash Rate per 1,000	Number	Crash Rate per 1,000	Number	Crash Rate per 1,000	Number	Crash Rate per Million
Adair	2	120	1	75	157	233	8,409	27.71	6,341	36.74	9,948	23.42	247,405	0.94
Adams	2	42	2	25	75	102	4,866	20.96	3,620	28.18	5,773	17.67	52,677	0.19
Allamakee	1	137	1	81	190	272	13,855	19.63	10,602	25.66	16,313	16.67	119,671	0.23
Appanoose	2	186	2	117	199	318	13,743	23.14	10,180	31.24	15,856	20.06	115,665	0.27
Audubon	1	52	1	33	52	86	7,334	11.73	5,282	16.28	8,139	10.57	60,017	0.14
Benton	6	224	6	148	201	355	22,429	15.83	18,066	19.65	28,146	12.61	281,341	0.13
Black Hawk	9	1,623	9	1,079	1,414	2,502	123,798	20.21	88,525	28.26	122,391	20.44	1,109,527	0.23
Boone	8	327	7	190	330	527	25,186	20.92	18,326	28.76	28,714	18.35	258,827	0.20
Bremer	5	221	5	135	286	426	22,813	18.67	17,319	24.60	24,883	17.12	228,721	0.19
Buchanan	6	222	5	130	240	375	20,844	17.99	14,771	25.39	22,044	17.01	244,350	0.15
Buena Vista	4	219	3	138	230	371	19,965	18.58	14,509	25.57	21,190	17.51	168,316	0.22
Butler	2	114	2	75	153	230	15,731	14.62	12,063	19.07	18,562	12.39	160,349	0.14
Calhoun	2	117	1	74	88	163	11,508	14.16	8,352	19.52	12,853	12.68	114,134	0.14
Carroll	5	215	3	141	302	446	21,423	20.82	16,492	27.04	23,685	18.83	185,483	0.24
Cass	1	194	1	131	236	368	15,128	24.33	11,475	32.07	17,596	20.91	281,886	0.13
Cedar	4	225	4	146	308	458	17,444	26.26	12,812	35.75	21,067	21.74	430,163	0.11
Cerro Gordo	11	635	11	411	805	1,227	46,733	26.26	34,066	36.02	48,587	25.25	531,284	0.23
Cherokee	2	191	2	123	229	354	14,098	25.11	10,289	34.41	15,802	22.40	120,736	0.29
Chickasaw	3	112	2	61	157	220	13,295	16.55	10,186	21.60	15,595	14.11	136,612	0.16
Clarke	1	136	1	82	181	264	8,287	31.86	6,519	40.50	10,151	26.01	165,558	0.16
Clay	1	272	1	183	285	469	17,585	26.67	13,372	35.07	20,184	23.24	188,062	0.25
Clayton	14	156	7	106	342	455	19,054	23.88	14,207	32.03	21,742	20.93	199,022	0.23
Clinton	10	662	8	448	1,011	1,467	51,040	28.74	35,889	40.88	52,497	27.94	417,261	0.35
Crawford	10	152	8	102	276	386	16,775	23.01	12,235	31.55	19,280	20.02	176,647	0.22
Dallas	7	357	7	230	395	632	29,755	21.24	23,773	26.58	38,885	16.25	536,975	0.12
Davis	5	72	5	45	104	154	8,312	18.53	5,697	27.03	9,307	16.55	84,792	0.18
Decatur	4	62	3	33	128	164	8,338	19.67	5,580	29.39	9,078	18.07	168,175	0.10
Delaware	6	171	5	118	288	411	18,035	22.79	13,889	29.59	20,363	20.18	197,915	0.21
Des Moines	3	415	3	284	706	993	42,614	23.30	30,929	32.11	45,073	22.03	330,301	0.30
Dickinson	2	243	2	153	289	444	14,909	29.78	12,842	34.57	18,946	23.44	177,737	0.25
Dubuque	10	1,129	10	718	881	1,609	86,403	18.62	62,949	25.56	84,684	19.00	669,293	0.24
Emmet	0	157	0	107	200	307	11,569	26.54	8,496	36.13	12,901	23.80	89,185	0.34
Fayette	8	194	7	120	280	407	21,843	18.63	16,205	25.12	24,225	16.80	199,213	0.20

Crashes by County—Continued

County	Fatalities	Injuries	Crashes				Population		Licensed Drivers		Vehicle Registrations		Vehicle Miles Traveled (Millions)	
			Fatal	Injury	Prop	Total	Number	Crash Rate per 1,000	Number	Crash Rate per 1,000	Number	Crash Rate per 1,000	Number	Crash Rate per Million
Floyd	5	177	4	116	291	411	17,058	24.09	12,546	32.76	19,190	21.42	156,111	0.26
Franklin	1	155	1	93	230	324	11,364	28.51	8,280	39.13	13,293	24.37	235,265	0.14
Fremont	4	90	2	64	120	186	8,226	22.61	6,123	30.38	10,330	18.01	178,503	0.10
Greene	1	102	1	69	148	218	10,045	21.70	7,830	27.84	12,515	17.42	108,897	0.20
Grundy	7	140	7	86	123	216	12,029	17.96	9,207	23.46	14,482	14.92	157,258	0.14
Guthrie	0	51	0	41	85	126	10,935	11.52	8,278	15.22	13,715	9.19	94,194	0.13
Hamilton	2	234	2	152	314	468	16,071	29.12	11,903	39.32	18,825	24.86	346,787	0.13
Hancock	2	142	1	88	122	211	12,638	16.70	9,146	23.07	14,713	14.34	125,941	0.17
Hardin	3	157	3	111	236	350	19,094	18.33	14,208	24.63	21,868	16.01	175,622	0.20
Harrison	7	211	7	129	220	356	14,730	24.17	11,438	31.12	19,385	18.36	271,439	0.13
Henry	6	210	6	138	292	436	19,226	22.68	14,030	31.08	21,095	20.67	196,167	0.22
Howard	3	114	3	68	112	183	9,809	18.66	7,448	24.57	12,004	15.24	94,327	0.19
Humboldt	2	160	2	99	135	236	10,756	21.94	8,052	29.31	12,808	18.43	112,752	0.21
Ida	3	60	3	38	96	137	8,365	16.38	6,229	21.99	9,729	14.08	79,237	0.17
Iowa	3	208	3	133	295	431	14,630	29.46	11,420	37.74	18,917	22.78	395,248	0.11
Jackson	6	192	5	129	154	288	19,950	14.44	15,012	19.18	23,006	12.52	178,913	0.16
Jasper	11	377	10	256	436	702	34,795	20.18	26,456	26.53	39,622	17.72	623,498	0.11
Jefferson	1	179	1	129	224	354	16,310	21.70	12,360	28.64	17,727	19.97	130,249	0.27
Johnson	18	1,295	12	886	1,731	2,629	96,119	27.35	71,505	36.77	89,920	29.24	1,118,263	0.24
Jones	5	145	4	83	257	344	19,444	17.69	13,991	24.59	21,572	15.95	194,475	0.18
Keokuk	4	67	3	44	57	104	11,624	8.95	8,506	12.23	13,662	7.61	131,350	0.08
Kossuth	6	189	6	109	120	235	18,591	12.64	13,917	16.89	21,091	11.14	173,655	0.14
Lee	5	420	5	278	512	795	38,687	20.55	27,225	29.20	41,621	19.10	324,586	0.24
Linn	11	2,255	11	1,546	2,741	4,298	168,767	25.47	137,468	31.27	190,671	22.54	1,552,829	0.28
Louisa	1	96	1	62	166	229	11,592	19.76	8,152	28.09	14,057	16.29	113,566	0.20
Lucas	3	61	3	42	96	141	9,070	15.55	6,836	20.63	10,387	13.57	96,206	0.15
Lyon	1	87	1	58	127	186	11,952	15.56	8,830	21.06	14,343	12.97	111,682	0.17
Madison	3	119	2	80	125	207	12,483	16.58	9,958	20.79	15,812	13.09	110,306	0.19
Mahaska	3	347	3	216	313	532	21,532	24.71	16,116	33.01	24,573	21.65	215,758	0.25
Marion	3	299	3	205	391	599	30,001	19.97	22,763	26.31	34,260	17.48	264,013	0.23
Marshall	6	463	6	315	590	911	38,276	23.80	28,116	32.40	41,808	21.79	339,448	0.27
Mills	4	121	3	83	230	316	13,202	23.94	10,306	30.66	17,132	18.45	211,960	0.15
Mitchell	2	78	2	62	89	153	10,928	14.00	8,163	18.74	12,930	11.83	96,779	0.16

Crashes by County—Continued

County	Fatalities	Injuries	Crashes				Population		Licensed Drivers		Vehicle Registrations		Vehicle Miles Traveled (Millions)	
			Fatal	Injury	Prop	Total	Number	Crash Rate per 1,000	Number	Crash Rate per 1,000	Number	Crash Rate per 1,000	Number	Crash Rate per Million
Monona	1	119	1	76	162	239	10,034	23.82	7,451	32.08	12,408	19.26	200,218	0.12
Monroe	1	106	1	65	91	157	8,114	19.35	5,894	26.64	9,659	16.25	86,993	0.18
Montgomery	1	122	1	85	201	287	12,076	23.77	9,016	31.83	13,609	21.09	100,550	0.29
Muscatine	12	447	9	301	384	694	39,907	17.39	29,629	23.42	44,578	15.57	352,211	0.20
O'Brien	1	143	1	94	143	238	15,444	15.41	11,678	20.38	17,552	13.56	131,689	0.18
Osceola	5	59	5	37	73	115	7,267	15.82	5,437	21.15	8,762	13.12	77,170	0.15
Page	5	129	4	88	255	347	16,870	20.57	12,318	28.17	18,321	18.94	136,629	0.25
Palo Alto	0	68	0	49	135	184	10,669	17.25	7,708	23.87	11,347	16.22	100,136	0.18
Plymouth	5	310	5	200	262	467	23,388	19.97	17,923	26.06	27,540	16.96	249,186	0.19
Pocahontas	9	60	5	35	57	97	9,525	10.18	6,938	13.98	10,686	9.08	98,578	0.10
Polk	28	6,615	26	4,251	6,279	10,556	327,140	32.27	267,444	39.47	368,687	28.63	3,455,510	0.31
Pottawattamie	14	1,317	12	891	1,333	2,236	82,628	27.06	63,229	35.36	96,640	23.14	1,182,201	0.19
Poweshiek	5	249	4	144	245	393	19,033	20.65	13,533	29.04	20,772	18.92	373,405	0.11
Ringgold	1	68	1	48	127	176	5,420	32.47	4,057	43.38	6,531	26.95	56,835	0.31
Sac	9	112	9	71	104	184	12,324	14.93	9,062	20.30	13,715	13.42	126,156	0.15
Scott	15	2,968	15	1,821	2,379	4,215	150,973	27.92	113,347	37.19	161,407	26.11	1,453,806	0.29
Shelby	2	116	2	64	114	180	13,230	13.61	10,127	17.77	15,325	11.75	109,312	0.16
Sioux	3	276	3	174	262	439	29,903	14.68	22,121	19.85	32,700	13.43	259,484	0.17
Story	11	883	8	573	988	1,569	74,252	21.13	52,790	29.72	66,403	23.63	715,317	0.22
Tama	5	188	4	122	246	372	17,419	21.36	12,860	28.93	20,629	18.03	197,938	0.19
Taylor	3	59	3	35	97	135	7,114	18.98	5,229	25.82	8,452	15.97	52,415	0.26
Union	2	119	2	78	161	241	12,750	18.90	9,388	25.67	14,544	16.57	112,724	0.21
Van Buren	1	62	1	45	121	167	7,676	21.76	5,621	29.71	9,313	17.93	76,195	0.22
Wapello	6	455	6	303	418	727	35,696	20.37	25,358	28.67	38,765	18.75	284,990	0.26
Warren	10	383	7	252	496	755	36,033	20.95	27,351	27.60	41,299	18.28	451,740	0.17
Washington	3	222	3	149	263	415	19,612	21.16	14,433	28.75	22,390	18.54	239,281	0.17
Wayne	0	49	0	38	65	103	7,067	14.57	4,971	20.72	8,102	12.71	70,021	0.15
Webster	13	582	10	359	729	1,098	40,342	27.22	28,310	38.78	42,662	25.74	363,189	0.30
Winnebago	1	79	1	49	93	143	12,122	11.80	9,156	15.62	14,185	10.08	85,363	0.17
Winnebleshiek	3	251	3	169	377	549	20,847	26.33	14,753	37.21	22,061	24.89	192,614	0.29
Woodbury	8	1,761	8	1,092	966	2,066	98,276	21.02	70,273	29.40	104,068	19.85	850,664	0.24
Worth	1	67	1	40	99	140	7,991	17.52	5,977	23.42	9,876	14.18	166,279	0.08
Wright	7	121	6	84	204	294	14,269	20.60	10,630	27.66	16,345	17.99	153,253	0.19
Total	490	36,920	428	23,932	40,125	64,485	2,776,831	23.22	2,091,688	30.83	3,070,856	21.00	29,724,636	0.22

Where Crashes Happened

Crashes by Cities with Populations of 5,000 or More

City	Fatalities	Injuries	Crashes				Population	
			Fatal	Injury	Property	Total	Number	Crash Rate per 1,000
Algona	1	81	1	50	61	112	6,015	18.62
Altoona	0	72	0	42	55	97	7,242	13.39
Ames	2	529	2	358	610	970	47,198	20.55
Ankeny	1	258	1	156	200	357	18,482	19.32
Atlantic	0	77	0	53	74	127	7,432	17.09
Bettendorf	0	372	0	238	339	577	28,139	20.51
Boone	0	112	0	73	164	237	12,392	19.13
Burlington	3	229	3	163	451	617	27,208	22.68
Carroll	0	99	0	62	159	221	9,579	23.07
Cedar Falls	1	423	1	294	433	728	34,298	21.23
Cedar Rapids	7	1,625	7	1,126	2,078	3,211	108,772	29.52
Centerville	0	72	0	46	94	140	5,936	23.58
Charles City	1	70	1	56	127	184	7,878	23.36
Cherokee	0	61	0	41	74	115	6,026	19.08
Clarinda	0	40	0	27	71	98	5,104	19.20
Clear Lake	1	77	1	56	106	163	8,183	19.92
Clinton	1	451	1	308	683	992	29,201	33.97
Clive	0	228	0	156	189	345	7,462	46.23
Coralville	0	261	0	158	285	443	10,347	42.81
Council Bluffs	7	972	6	668	934	1,608	54,315	29.61
Creston	0	84	0	55	118	173	7,911	21.87
Davenport	9	2,351	9	1,415	1,677	3,101	95,333	32.53
Decorah	0	60	0	43	120	163	8,063	20.22
Denison	1	71	1	50	118	169	6,604	25.59
Des Moines	14	4,318	13	2,768	4,235	7,016	193,189	36.32
Dubuque	0	769	0	495	588	1,083	57,538	18.82
Estherville	0	77	0	59	111	170	6,720	25.30
Fairfield	0	104	0	73	114	187	9,768	19.14
Fort Dodge	4	399	4	246	503	753	25,894	29.08
Fort Madison	0	136	0	87	215	302	11,618	25.99
Grinnell	0	72	0	50	95	145	8,902	16.29
Hartam	0	44	0	27	62	89	5,148	17.29
Independence	0	40	0	32	91	123	5,972	20.60
Indianola	0	126	0	91	185	276	11,340	24.34
Iowa City	5	654	4	479	946	1,429	59,735	23.92
Iowa Falls	0	54	0	39	60	99	5,435	18.22
Keokuk	0	87	0	64	109	173	12,451	13.89
Knoxville	0	65	0	45	87	132	8,232	16.03
Le Mars	3	119	3	77	90	170	8,454	20.11
Maquoketa	0	51	0	37	65	102	6,130	16.64
Marion	0	210	0	138	239	377	20,403	18.48
Marshalltown	1	286	1	204	379	584	25,178	23.19
Mason City	2	401	2	263	501	766	29,040	26.38
Mount Pleasant	0	101	0	58	116	174	7,959	21.86
Muscatine	0	234	0	170	234	404	22,881	17.66
Nevada	0	45	0	30	65	95	6,009	15.81
Newton	1	146	1	106	191	298	14,799	20.14
Oelwein	1	49	1	30	87	118	6,493	18.17
Oskaloosa	0	188	0	119	158	277	10,600	26.13
Ottumwa	2	271	2	194	280	476	24,488	19.44
Pella	0	52	0	38	107	145	9,270	15.64
Perry	0	54	0	32	67	99	6,652	14.88
Red Oak	0	66	0	42	93	135	6,264	21.55
Shenandoah	0	21	0	14	50	64	5,572	11.49
Sioux City	2	1,507	2	946	745	1,693	80,505	21.03
Spencer	0	167	0	112	177	289	11,066	26.12
Storm Lake	0	93	0	59	99	158	8,769	18.02
Urbandale	0	312	0	206	335	541	23,500	23.02
Vinton	0	31	0	21	34	55	5,103	10.78
Washington	0	64	0	45	72	117	7,074	16.54
Waterloo	6	931	6	611	727	1,344	66,467	20.22
Waverly	1	86	1	54	83	138	8,539	16.16
Webster City	0	79	0	58	157	215	7,894	27.24
West Des Moines	6	480	5	317	404	726	31,702	22.90
Windsor Heights	1	79	1	60	93	154	5,190	29.67
Remainder Of State	406	15,177	348	9,642	17,856	27,846	1,329,768	20.94
Total	490	36,920	428	23,932	40,125	64,485	2,776,831	23.22

Roadway & Environmental Conditions

Rural/Urban Classification

Rural/Urban Classification	Fatalities		Injuries		Crashes							
	Number	Percent	Number	Percent	Fatal		Injury		Property		Total	
					Number	Percent	Number	Percent	Number	Percent	Number	Percent
Rural	390	79.59%	13,790	37.35%	334	78.04%	8,700	36.35%	16,271	40.55%	25,305	39.24%
Urban	100	20.41%	23,130	62.65%	94	21.96%	15,232	63.65%	23,854	59.45%	39,180	60.76%
Total	490	100.00%	36,920	100.00%	428	100.00%	23,932	100.00%	40,125	100.00%	64,485	100.00%

Location on Roadway

Location on Roadway	Fatalities		Injuries		Crashes							
	Number	Percent	Number	Percent	Fatal		Injury		Property		Total	
					Number	Percent	Number	Percent	Number	Percent	Number	Percent
On Roadway	346	70.61%	30,729	83.23%	295	68.93%	19,476	81.38%	34,635	86.32%	54,406	84.37%
Shoulder	23	4.69%	885	2.40%	22	5.14%	651	2.72%	1,183	2.95%	1,856	2.88%
Median	7	1.43%	303	0.82%	7	1.64%	218	0.91%	319	0.80%	544	0.84%
Roadside or Ditch	104	21.22%	4,479	12.13%	95	22.20%	3,184	13.30%	3,059	7.62%	6,338	9.83%
Outside Right of Way	10	2.04%	466	1.26%	9	2.10%	356	1.49%	710	1.77%	1,075	1.67%
Unknown	0	0.00%	58	0.16%	0	0.00%	47	0.20%	219	0.55%	266	0.41%
Total	490	100.00%	36,920	100.00%	428	100.00%	23,932	100.00%	40,125	100.00%	64,485	100.00%

Locality

Locality	Fatalities		Injuries		Crashes							
	Number	Percent	Number	Percent	Fatal		Injury		Property		Total	
					Number	Percent	Number	Percent	Number	Percent	Number	Percent
Business	61	12.45%	14,505	39.29%	54	12.62%	9,360	39.11%	13,815	34.43%	23,229	36.02%
Manufacturing	4	0.82%	710	1.92%	4	0.93%	478	2.00%	798	1.99%	1,280	1.98%
Residential	34	6.94%	8,141	22.05%	32	7.48%	5,568	23.27%	10,146	25.29%	15,746	24.42%
School/Playground	1	0.20%	521	1.41%	1	0.23%	349	1.46%	611	1.52%	961	1.49%
Recreational	3	0.61%	128	0.35%	3	0.70%	75	0.31%	110	0.27%	188	0.29%
Open Country	379	77.35%	11,743	31.81%	326	76.17%	7,309	30.54%	12,796	31.89%	20,431	31.68%
Private Property	5	1.02%	705	1.91%	5	1.17%	462	1.93%	653	1.63%	1,120	1.74%
Other	0	0.00%	46	0.12%	0	0.00%	36	0.15%	96	0.24%	132	0.20%
Unknown	3	0.61%	421	1.14%	3	0.70%	295	1.23%	1,100	2.74%	1,398	2.17%
Total	490	100.00%	36,920	100.00%	428	100.00%	23,932	100.00%	40,125	100.00%	64,485	100.00%

Geometry of Roadway

Geometry of Roadway	Fatalities		Injuries		Crashes							
	Number	Percent	Number	Percent	Fatal		Injury		Property		Total	
					Number	Percent	Number	Percent	Number	Percent	Number	Percent
Straight, Level	181	36.94%	13,050	35.35%	155	36.21%	8,673	36.24%	18,681	46.56%	27,509	42.66%
Straight, Hill	81	16.53%	3,585	9.71%	75	17.52%	2,381	9.95%	4,257	10.61%	6,713	10.41%
Straight, Hillcrest	15	3.06%	433	1.17%	9	2.10%	258	1.08%	494	1.23%	761	1.18%
Curve, Level	50	10.20%	1,177	3.19%	46	10.75%	797	3.33%	1,041	2.59%	1,884	2.92%
Curve, Hill	27	5.51%	919	2.49%	23	5.37%	647	2.70%	808	2.01%	1,478	2.29%
Curve Hillcrest	0	0.00%	43	0.12%	0	0.00%	30	0.13%	57	0.14%	87	0.13%
Intersection, Level	106	21.63%	15,424	41.78%	91	21.26%	9,744	40.72%	13,114	32.68%	22,949	35.59%
Intersection, Hill	26	5.31%	2,083	5.64%	25	5.84%	1,272	5.32%	1,445	3.60%	2,742	4.25%
Intersection, Hillcrest	4	0.82%	171	0.46%	4	0.93%	99	0.41%	146	0.36%	249	0.39%
Other	0	0.00%	35	0.09%	0	0.00%	31	0.13%	82	0.20%	113	0.18%
Total	490	100.00%	36,920	100.00%	428	100.00%	23,932	100.00%	40,125	100.00%	64,485	100.00%

Roadway & Environmental Conditions

Road System

Road System	Fatalities		Injuries		Crashes							
					Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Interstate or Freeway	57	11.63%	2,714	7.35%	49	11.45%	1,717	7.17%	2,889	7.20%	4,655	7.22%
U.S. or State Highway	231	47.14%	13,341	36.13%	197	46.03%	8,281	34.60%	13,282	33.10%	21,760	33.74%
County Road	148	30.20%	6,056	16.40%	133	31.07%	3,920	16.38%	5,870	14.63%	9,923	15.39%
City Street	53	10.82%	14,709	39.84%	48	11.21%	9,932	41.50%	17,856	44.50%	27,836	43.17%
Other	1	0.20%	90	0.24%	1	0.23%	76	0.32%	226	0.56%	303	0.47%
Unknown	0	0.00%	10	0.03%	0	0.00%	6	0.03%	2	0.00%	8	0.01%
Total	490	100.00%	36,920	100.00%	428	100.00%	23,932	100.00%	40,125	100.00%	64,485	100.00%

Light Conditions

Light Conditions	Fatalities		Injuries		Crashes							
					Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Daylight	269	54.90%	26,919	72.91%	239	55.84%	17,378	72.61%	25,376	63.24%	42,993	66.67%
Dusk	10	2.04%	1,006	2.72%	9	2.10%	678	2.83%	1,498	3.73%	2,185	3.39%
Dawn	8	1.63%	356	0.96%	8	1.87%	246	1.03%	561	1.40%	815	1.26%
Darkness, Lighted	48	9.80%	4,361	11.81%	40	9.35%	2,831	11.83%	5,026	12.53%	7,897	12.25%
Darkness, Not Lighted	155	31.63%	4,264	11.55%	132	30.84%	2,789	11.65%	7,547	18.81%	10,468	16.23%
Unknown	0	0.00%	14	0.04%	0	0.00%	10	0.04%	117	0.29%	127	0.20%
Total	490	100.00%	36,920	100.00%	428	100.00%	23,932	100.00%	40,125	100.00%	64,485	100.00%

Character of Roadway

Character of Roadway	Fatalities		Injuries		Crashes							
					Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
No Special Feature	256	52.24%	14,065	38.10%	221	51.64%	9,353	39.08%	19,759	49.24%	29,333	45.49%
Bridge or Over/Underpass	26	5.31%	702	1.90%	21	4.91%	489	2.04%	663	1.65%	1,173	1.82%
Railroad Crossing	5	1.02%	111	0.30%	5	1.17%	85	0.36%	116	0.29%	206	0.32%
Business Drive	6	1.22%	1,042	2.82%	6	1.40%	667	2.79%	1,138	2.84%	1,811	2.81%
Residential Drive	22	4.49%	821	2.22%	21	4.91%	552	2.31%	1,092	2.72%	1,665	2.58%
Other Non-Intersection	6	1.22%	569	1.54%	5	1.17%	414	1.73%	945	2.36%	1,364	2.12%
Intersection	136	27.76%	17,684	47.90%	120	28.04%	11,120	46.46%	14,722	36.69%	25,962	40.26%
Interchange	31	6.33%	1,860	5.04%	27	6.31%	1,209	5.05%	1,626	4.05%	2,862	4.44%
Other	2	0.41%	65	0.18%	2	0.47%	42	0.18%	64	0.16%	108	0.17%
Unknown	0	0.00%	1	0.00%	0	0.00%	1	0.00%	0	0.00%	1	0.00%
Total	490	100.00%	36,920	100.00%	428	100.00%	23,932	100.00%	40,125	100.00%	64,485	100.00%

Weather Conditions

Weather Conditions	Crashes							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Clear	284	61.61%	15,576	57.63%	26,305	57.99%	42,165	57.88%
Cloudy	106	22.99%	5,987	22.15%	9,052	19.95%	15,145	20.79%
Fog	8	1.74%	264	0.98%	508	1.12%	780	1.07%
Mist	7	1.52%	690	2.55%	1,024	2.26%	1,721	2.36%
Rain	17	3.69%	1,429	5.29%	2,075	4.57%	3,521	4.83%
Sleet/Hail	1	0.22%	160	0.59%	202	0.45%	363	0.50%
Snow	20	4.34%	1,216	4.50%	2,681	5.91%	3,917	5.38%
Strong Wind	15	3.25%	794	2.94%	1,284	2.83%	2,093	2.87%
Other	1	0.22%	167	0.62%	287	0.63%	455	0.62%
Unknown	2	0.43%	745	2.76%	1,946	4.29%	2,693	3.70%
Total	461	100.00%	27,028	100.00%	45,364	100.00%	72,853	100.00%

Up to two weather conditions may be listed for each crash.

Roadway & Environmental Conditions

Speed Limit

Speed Limit	Vehicles							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under 25 mph	3	0.41%	871	1.96%	1,979	2.86%	2,853	2.50%
25 mph	37	5.02%	8,678	19.57%	15,708	22.70%	24,423	21.37%
30 mph	19	2.58%	4,478	10.10%	5,390	7.79%	9,887	8.65%
35 mph	26	3.53%	8,106	18.28%	8,325	12.03%	16,457	14.40%
40 mph	8	1.09%	932	2.10%	830	1.20%	1,770	1.55%
45 mph	32	4.34%	2,843	6.41%	2,279	3.29%	5,154	4.51%
50 mph	23	3.12%	1,172	2.64%	1,062	1.53%	2,257	1.97%
55 mph	479	64.99%	7,997	18.03%	9,259	13.38%	17,735	15.52%
60 mph	0	0.00%	17	0.04%	19	0.03%	36	0.03%
65 mph	90	12.21%	1,607	3.62%	2,555	3.69%	4,252	3.72%
Unknown	20	2.71%	7,652	17.25%	21,804	31.50%	29,476	25.79%
Total	737	100.00%	44,353	100.00%	69,210	100.00%	114,300	100.00%

Roadway/Environmental Related Contributing Circumstances

Roadway/Environmental Related Contributing Circumstance	Vehicles							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
None Apparent	593	80.46%	31,086	70.09%	37,854	54.69%	69,533	60.83%
Weather Conditions	27	3.66%	1,126	2.54%	1,553	2.24%	2,706	2.37%
Surface Conditions	37	5.02%	2,830	6.38%	4,171	6.03%	7,038	6.16%
Roadway Defect	0	0.00%	30	0.07%	22	0.03%	52	0.05%
Pedestrian Action	6	0.81%	173	0.39%	18	0.03%	197	0.17%
Pedestrian Drinking	1	0.14%	13	0.03%	14	0.02%	28	0.02%
Previous Accident	7	0.95%	147	0.33%	141	0.20%	295	0.26%
Animal In Roadway	3	0.41%	675	1.52%	3,216	4.65%	3,894	3.41%
Frost-Covered Bridge	0	0.00%	16	0.04%	28	0.04%	44	0.04%
Control Not Functioning	0	0.00%	28	0.06%	24	0.03%	52	0.05%
Non-Contact Vehicle	12	1.63%	784	1.77%	874	1.26%	1,670	1.46%
Road Construction	6	0.81%	347	0.78%	382	0.55%	735	0.64%
Other	10	1.36%	554	1.25%	630	0.91%	1,194	1.04%
Unknown	35	4.75%	6,544	14.75%	20,283	29.31%	26,862	23.50%
Total	737	100.00%	44,353	100.00%	69,210	100.00%	114,300	100.00%

Traffic Controls

Traffic Controls	Vehicles							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
No Controls	563	76.39%	26,596	59.96%	44,068	63.67%	71,227	62.32%
Signals	31	4.21%	9,511	21.44%	10,291	14.87%	19,833	17.35%
Stop Signs	72	9.77%	4,357	9.82%	6,300	9.10%	10,729	9.39%
Yield Signs	7	0.95%	417	0.94%	552	0.80%	976	0.85%
Warning Sign	16	2.17%	425	0.96%	402	0.58%	843	0.74%
School Signals	0	0.00%	17	0.04%	24	0.03%	41	0.04%
No Passing Zones	27	3.66%	328	0.74%	401	0.58%	756	0.66%
School Stop Signs	0	0.00%	15	0.03%	25	0.04%	40	0.03%
School Bus Stop Arms	0	0.00%	20	0.05%	31	0.04%	51	0.04%
Railroad Warning Signs	4	0.54%	150	0.34%	225	0.33%	379	0.33%
Railroad Signals	0	0.00%	29	0.07%	45	0.07%	74	0.06%
Railroad Crossing Gates	0	0.00%	27	0.06%	37	0.05%	64	0.06%
Peace Officer	0	0.00%	59	0.13%	33	0.05%	92	0.08%
Non-Functioning Signals	0	0.00%	47	0.11%	56	0.08%	103	0.09%
Other	12	1.63%	278	0.63%	315	0.46%	605	0.53%
Unknown	5	0.68%	2,077	4.68%	6,405	9.25%	8,487	7.43%
Total	737	100.00%	44,353	100.00%	69,210	100.00%	114,300	100.00%

Roadway & Environmental Conditions

Type of Traffic Way

Type of Traffic Way	Vehicles							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
One Lane	21	2.85%	1,178	2.66%	2,321	3.35%	3,520	3.08%
Two Lanes	544	73.81%	23,287	52.50%	38,345	55.40%	62,176	54.40%
Three Lanes	12	1.63%	1,847	4.16%	2,457	3.55%	4,316	3.78%
Four+ Lanes Undivided	22	2.99%	7,941	17.90%	9,581	13.84%	17,544	15.35%
Four+ Lanes Divided	118	16.01%	6,989	15.76%	7,733	11.17%	14,840	12.98%
Alley	1	0.14%	110	0.25%	290	0.42%	401	0.35%
Driveway	4	0.54%	338	0.76%	859	1.24%	1,201	1.05%
Other	8	1.09%	328	0.74%	579	0.84%	915	0.80%
Unknown	7	0.95%	2,335	5.26%	7,045	10.18%	9,387	8.21%
Total	737	100.00%	44,353	100.00%	69,210	100.00%	114,300	100.00%

Flow of Traffic

Flow of Traffic	Vehicles							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
One-Way	78	10.58%	4,421	9.97%	5,667	8.19%	10,166	8.89%
Two-Way	648	87.92%	33,300	75.08%	43,643	63.06%	77,591	67.88%
Unknown	11	1.49%	6,632	14.95%	19,900	28.75%	26,543	23.22%
Total	737	100.00%	44,353	100.00%	69,210	100.00%	114,300	100.00%

Road Surface

Road Surface	Vehicles							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Cement/Concrete	326	44.23%	22,284	50.24%	33,688	48.68%	56,298	49.25%
Asphalt	316	42.88%	17,021	38.38%	24,901	35.98%	42,238	36.95%
Gravel/Rock	84	11.40%	2,347	5.29%	2,979	4.30%	5,410	4.73%
Dirt	3	0.41%	62	0.14%	117	0.17%	182	0.16%
Brick	0	0.00%	59	0.13%	155	0.22%	214	0.19%
Steel Bridge	0	0.00%	13	0.03%	16	0.02%	29	0.03%
Wood Bridge	0	0.00%	29	0.07%	31	0.04%	60	0.05%
Other	0	0.00%	73	0.16%	115	0.17%	188	0.16%
Unknown	8	1.09%	2,465	5.56%	7,208	10.41%	9,681	8.47%
Total	737	100.00%	44,353	100.00%	69,210	100.00%	114,300	100.00%

Road Surface Condition

Road Surface Condition	Vehicles							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Dry	597	74.16%	30,744	60.54%	44,301	54.75%	75,642	57.09%
Wet	65	8.07%	6,780	13.35%	9,224	11.40%	16,069	12.13%
Ice	38	4.72%	3,458	6.81%	6,287	7.77%	9,783	7.38%
Snow	51	6.34%	3,705	7.30%	7,553	9.34%	11,309	8.54%
Loose Gravel	38	4.72%	1,301	2.56%	1,438	1.78%	2,777	2.10%
Mud	1	0.12%	64	0.13%	100	0.12%	165	0.12%
Debris	0	0.00%	92	0.18%	109	0.13%	201	0.15%
Other	2	0.25%	226	0.45%	307	0.38%	535	0.40%
Unknown	13	1.61%	4,411	8.69%	11,589	14.32%	16,013	12.09%
Total	805	100.00%	50,781	100.00%	80,908	100.00%	132,494	100.00%

Up to two road surface conditions may be listed for each vehicle.

Roadway & Environmental Conditions

Fixed Object Struck

Fixed Object Struck	Fixed Objects							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Bridge	14	6.36%	270	3.19%	408	3.52%	692	3.41%
Building	0	0.00%	113	1.33%	160	1.38%	273	1.35%
Culvert	8	3.64%	157	1.85%	89	0.77%	254	1.25%
Curb	7	3.18%	320	3.78%	351	3.03%	678	3.34%
Ditch	92	41.82%	2,359	27.85%	1,708	14.75%	4,159	20.51%
Island/Median	3	1.36%	83	0.98%	103	0.89%	189	0.93%
Embankment/Wall	8	3.64%	194	2.29%	155	1.34%	357	1.76%
Fence	3	1.36%	312	3.68%	422	3.64%	737	3.64%
Guardrail	8	3.64%	269	3.18%	352	3.04%	629	3.10%
Light Pole	4	1.82%	280	3.31%	423	3.65%	707	3.49%
Sign	13	5.91%	378	4.46%	467	4.03%	858	4.23%
Tree/Shrub	19	8.64%	408	4.82%	373	3.22%	800	3.95%
Utility Pole	9	4.09%	368	4.34%	406	3.51%	783	3.86%
Other Pole/Support	2	0.91%	84	0.99%	129	1.11%	215	1.06%
Mailbox	3	1.36%	74	0.87%	168	1.45%	245	1.21%
Impact Attenuator	1	0.45%	20	0.24%	27	0.23%	48	0.24%
Other	9	4.09%	412	4.86%	831	7.17%	1,252	6.18%
Unknown	17	7.73%	2,370	27.98%	5,010	43.26%	7,397	36.49%
Total	220	100.00%	8,471	100.00%	11,582	100.00%	20,273	100.00%

Location of Fixed Object

Location of Fixed Object	Fixed Objects							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
On Roadway	6	2.73%	366	4.32%	509	4.39%	881	4.35%
Shoulder	25	11.36%	1,077	12.71%	1,241	10.71%	2,343	11.56%
Median	9	4.09%	291	3.44%	283	2.44%	583	2.88%
Roadside or Ditch	148	67.27%	3,351	39.56%	2,668	23.04%	6,167	30.42%
Outside Right of Way	15	6.82%	599	7.07%	626	5.40%	1,240	6.12%
Other	17	7.73%	2,787	32.90%	6,255	54.01%	9,059	44.69%
Total	220	100.00%	8,471	100.00%	11,582	100.00%	20,273	100.00%

Vision Obstruction

Vision Obstruction	Drivers							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
No Obstruction	591	82.20%	35,846	83.30%	50,055	78.42%	86,492	80.39%
Vegetation	9	1.25%	251	0.58%	389	0.61%	649	0.60%
Buildings	2	0.28%	90	0.21%	125	0.20%	217	0.20%
Embankment	3	0.42%	109	0.25%	217	0.34%	329	0.31%
Sign/Billboard	0	0.00%	29	0.07%	24	0.04%	53	0.05%
Hillcrest	25	3.48%	296	0.69%	370	0.58%	691	0.64%
Parked Vehicle	1	0.14%	374	0.87%	766	1.20%	1,141	1.06%
Moving Vehicle	7	0.97%	1,116	2.59%	1,392	2.18%	2,515	2.34%
Person/Object in/on Vehicle	1	0.14%	54	0.13%	111	0.17%	166	0.15%
Blinded by Sun/Headlights	4	0.56%	468	1.09%	671	1.05%	1,143	1.06%
Frosted Windows	1	0.14%	57	0.13%	127	0.20%	185	0.17%
Blowing Snow	4	0.56%	356	0.83%	552	0.86%	912	0.85%
Fog/Smoke/Dust	14	1.95%	248	0.58%	331	0.52%	593	0.55%
Other	7	0.97%	644	1.50%	1,210	1.90%	1,861	1.73%
Unknown	50	6.95%	3,094	7.19%	7,493	11.74%	10,637	9.89%
Total	719	100.00%	43,032	100.00%	63,833	100.00%	107,584	100.00%

Vehicle Summary

This section is for vehicle and vehicle occupants only. Unless otherwise indicated, this section does not include pedestrians, train occupants, or non-vehicle/non-pedestrians (i.e., horse riders, occupants of a house).

Five-Year Motor Vehicle Registrations by Vehicle Type

Motor Vehicle Registrations	1995	1996	1997	1998	1999
Passenger Cars	1,993,287	2,007,365	2,058,306	2,118,809	2,105,514
Buses	9,610	8,402	8,730	8,875	8,896
Motor Homes	21,432	21,739	22,191	22,912	22,756
Motorcycles	111,503	108,670	107,473	109,235	107,645
Mopeds	25,312	23,183	21,114	19,305	17,556
Trucks	750,665	768,171	797,463	833,988	838,207
Truck Tractors	8,857	9,323	12,078	12,701	13,207
Total	2,920,666	2,946,853	3,027,355	3,125,825	3,113,781

Does not include miscellaneous vehicles or trucks registered in more than one state.

Single & Multiple Vehicle Crashes by Number of Vehicles Involved

Number of Vehicles Involved in Crashes	Crashes							
	Fatal Crashes		Injury Crashes		Property Crashes		Total Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1 Vehicle Crash	166	38.79%	6,363	26.59%	12,887	32.12%	19,416	30.11%
2 Vehicle Crash	225	52.57%	15,248	63.71%	25,645	63.91%	41,118	63.76%
3+ Vehicle Crash	37	8.64%	2,321	9.70%	1,593	3.97%	3,951	6.13%
Total	428	100.00%	23,932	100.00%	40,125	100.00%	64,485	100.00%

Drivers with Iowa Licenses in Fatal Crashes and All Crashes by Vehicle Type

Crashes by Vehicle Type	Drivers with Iowa Licenses in Fatal Crashes		Vehicles							
			Fatal Crashes		Injury Crashes		Property Crashes		Total Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Passenger Cars	289	41.11%	344	46.68%	28,569	64.41%	43,411	62.72%	72,324	63.28%
Passenger Cars with Trailers	1	0.14%	1	0.14%	59	0.13%	103	0.15%	163	0.14%
Vans or Panel Trucks	3	0.43%	5	0.68%	246	0.55%	396	0.57%	647	0.57%
Pickup Trucks	130	18.49%	141	19.13%	6,637	14.96%	11,776	17.01%	18,554	16.23%
Pickup Trucks with Trailers	6	0.85%	9	1.22%	202	0.46%	367	0.53%	578	0.51%
Pickup Trucks with Toppers	0	0.00%	0	0.00%	3	0.01%	25	0.04%	28	0.02%
Straight Trucks	12	1.71%	16	2.17%	432	0.97%	739	1.07%	1,187	1.04%
Truck Tractors	1	0.14%	2	0.27%	42	0.09%	126	0.18%	170	0.15%
Semitrailer Trucks	43	6.12%	80	10.85%	909	2.05%	1,681	2.43%	2,670	2.34%
Twin Semitrailer Trucks	3	0.43%	3	0.41%	33	0.07%	36	0.05%	72	0.06%
Tow Trucks	2	0.28%	2	0.27%	33	0.07%	53	0.08%	88	0.08%
Motor Homes	0	0.00%	1	0.14%	25	0.06%	47	0.07%	73	0.06%
Buses	1	0.14%	1	0.14%	83	0.19%	167	0.24%	251	0.22%
School Buses	1	0.14%	1	0.14%	68	0.15%	145	0.21%	214	0.19%
Farm Vehicles	7	1.00%	7	0.95%	138	0.31%	146	0.21%	291	0.25%
Motorcycles	22	3.13%	28	3.80%	587	1.32%	72	0.10%	687	0.60%
Pedalcycles	2	0.28%	6	0.81%	507	1.14%	7	0.01%	520	0.45%
Recreational Vehicles	3	0.43%	3	0.41%	50	0.11%	23	0.03%	76	0.07%
Maintenance Vehicles	3	0.43%	4	0.54%	125	0.28%	245	0.35%	374	0.33%
Mopeds	0	0.00%	0	0.00%	63	0.14%	3	0.00%	66	0.06%
Sport Utility Vehicles	68	9.67%	74	10.04%	5,033	11.35%	7,900	11.41%	13,007	11.38%
Other Vehicles	2	0.28%	3	0.41%	52	0.12%	110	0.16%	165	0.14%
Unknown Vehicles	1	0.14%	6	0.81%	457	1.03%	1,632	2.36%	2,095	1.83%
Total	600	85.35%	737	100.00%	44,353	100.00%	69,210	100.00%	114,300	100.00%

Vehicle Summary

Injury Severity of Vehicle Occupants by Vehicle Type

Injury Severity by Vehicle Type	Fatalities & Injuries											
	Fatal		Major		Minor		Possible		Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Passenger Cars	277	58.81%	2,102	59.97%	9,275	67.07%	13,492	71.19%	3	100.00%	25,149	68.42%
Passenger Cars with Trailers	1	0.21%	7	0.20%	17	0.12%	26	0.14%	0	0.00%	51	0.14%
Vans or Panel Trucks	1	0.21%	9	0.26%	49	0.35%	81	0.43%	0	0.00%	140	0.38%
Pickup Trucks	73	15.50%	503	14.35%	1,740	12.58%	2,192	11.57%	0	0.00%	4,508	12.26%
Pickup Trucks with Trailers	2	0.42%	12	0.34%	34	0.25%	49	0.26%	0	0.00%	97	0.26%
Pickup Trucks with Toppers	0	0.00%	0	0.00%	1	0.01%	1	0.01%	0	0.00%	2	0.01%
Straight Trucks	2	0.42%	21	0.60%	70	0.51%	75	0.40%	0	0.00%	168	0.46%
Truck Tractors	0	0.00%	0	0.00%	8	0.06%	5	0.03%	0	0.00%	13	0.04%
Semitrailer Trucks	8	1.70%	42	1.20%	150	1.08%	121	0.64%	0	0.00%	321	0.87%
Twin Semitrailer Trucks	2	0.42%	2	0.06%	6	0.04%	14	0.07%	0	0.00%	24	0.07%
Tow Trucks	0	0.00%	0	0.00%	4	0.03%	7	0.04%	0	0.00%	11	0.03%
Motor Homes	0	0.00%	1	0.03%	7	0.05%	15	0.08%	0	0.00%	23	0.06%
Buses	0	0.00%	3	0.09%	48	0.35%	51	0.27%	0	0.00%	102	0.28%
School Buses	0	0.00%	2	0.06%	28	0.20%	64	0.34%	0	0.00%	94	0.26%
Farm Vehicles	7	1.49%	19	0.54%	19	0.14%	17	0.09%	0	0.00%	62	0.17%
Motorcycles	30	6.37%	262	7.48%	316	2.29%	75	0.40%	0	0.00%	683	1.86%
Pedalcycles	6	1.27%	72	2.05%	288	2.08%	140	0.74%	0	0.00%	506	1.38%
Recreational Vehicles	3	0.64%	20	0.57%	25	0.18%	5	0.03%	0	0.00%	53	0.14%
Maintenance Vehicles	2	0.42%	4	0.11%	19	0.14%	10	0.05%	0	0.00%	35	0.10%
Mopeds	0	0.00%	20	0.57%	38	0.27%	7	0.04%	0	0.00%	65	0.18%
Sport Utility Vehicles	50	10.62%	390	11.13%	1,619	11.71%	2,457	12.96%	0	0.00%	4,516	12.29%
Other Vehicles	3	0.64%	4	0.11%	26	0.19%	9	0.05%	0	0.00%	42	0.11%
Unknown Vehicles	4	0.85%	10	0.29%	41	0.30%	39	0.21%	0	0.00%	94	0.26%
Total	471	100.00%	3,505	100.00%	13,828	100.00%	18,952	100.00%	3	100.00%	36,759	100.00%

Does not include pedestrians or non-vehicle/non-pedestrians (e.g., riders of a horse or horse and buggy, occupants of a train or building).

Vehicle Action

Vehicle Action	Vehicles							
	Fatal Crashes		Injury Crashes		Property Crashes		Total Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Going Straight	578	78.43%	29,205	65.85%	42,730	61.74%	72,513	63.44%
Turning Left	41	5.56%	4,653	10.49%	6,716	9.70%	11,410	9.98%
Turning Right	5	0.68%	1,203	2.71%	2,554	3.69%	3,762	3.29%
Making U-Turn	0	0.00%	106	0.24%	182	0.26%	288	0.25%
Passing	17	2.31%	333	0.75%	538	0.78%	888	0.78%
Changing Lanes	5	0.68%	398	0.90%	1,069	1.54%	1,472	1.29%
Merging	4	0.54%	196	0.44%	459	0.66%	659	0.58%
Parking	1	0.14%	36	0.08%	148	0.21%	185	0.16%
Slowing/Stopping	16	2.17%	2,287	5.16%	2,456	3.55%	4,759	4.16%
Backing	6	0.81%	372	0.84%	2,445	3.53%	2,823	2.47%
Stopped for Sign/Signal	4	0.54%	1,564	3.53%	1,591	2.30%	3,159	2.76%
Stopped in Traffic	1	0.14%	1,858	4.19%	1,473	2.13%	3,332	2.92%
Stalled in Traffic	2	0.27%	39	0.09%	48	0.07%	89	0.08%
Properly Parked	15	2.04%	565	1.27%	3,597	5.20%	4,177	3.65%
Improperly Parked	2	0.27%	58	0.13%	164	0.24%	224	0.20%
Unattended Moving Vehicle	0	0.00%	10	0.02%	58	0.08%	68	0.06%
Other	32	4.34%	631	1.42%	852	1.23%	1,515	1.33%
Unknown	8	1.09%	839	1.89%	2,130	3.08%	2,977	2.60%
Total	737	100.00%	44,353	100.00%	69,210	100.00%	114,300	100.00%

Vehicle Summary

Type of Collision in Crashes by Vehicle

Type of Collision	Vehicles							
	Fatal Crashes		Injury Crashes		Property Crashes		Total Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Head On	168	22.80%	1,106	2.49%	801	1.16%	2,075	1.82%
Crossed Center Line	35	4.75%	2,857	6.44%	3,098	4.48%	5,990	5.24%
Rear Ended Vehicle	53	7.19%	12,375	27.90%	11,923	17.23%	24,351	21.30%
Sideswiped Vehicle	23	3.12%	562	1.27%	1,342	1.94%	1,927	1.69%
Lane Change into Other Vehicle	6	0.81%	364	0.82%	988	1.43%	1,358	1.19%
Forced Vehicle Off Roadway	0	0.00%	162	0.37%	453	0.65%	615	0.54%
Right Angle Collision	141	19.13%	7,802	17.59%	8,563	12.37%	16,506	14.44%
Turned into Path of Other Vehicle	10	1.36%	1,823	4.11%	2,667	3.85%	4,500	3.94%
Single Vehicle	144	19.54%	5,264	11.87%	8,865	12.81%	14,273	12.49%
Pedestrian	19	2.58%	550	1.24%	1	0.00%	570	0.50%
Pedalcycle	10	1.36%	926	2.09%	5	0.01%	941	0.82%
Parked Vehicle	20	2.71%	834	1.88%	5,458	7.89%	6,312	5.52%
Unknown	108	14.65%	9,728	21.93%	25,046	36.19%	34,882	30.52%
Total	737	100.00%	44,353	100.00%	69,210	100.00%	114,300	100.00%

Initial Point of Impact

Initial Point of Impact	Vehicles							
	Fatal Crashes		Injury Crashes		Property Crashes		Total Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Front	375	50.88%	18,069	40.74%	21,440	30.98%	39,884	34.89%
Right Front	54	7.33%	2,755	6.21%	4,733	6.84%	7,542	6.60%
Right Side	50	6.78%	1,585	3.57%	2,314	3.34%	3,949	3.45%
Right Rear	16	2.17%	968	2.18%	2,447	3.54%	3,431	3.00%
Rear	47	6.38%	6,877	15.51%	7,039	10.17%	13,963	12.22%
Left Rear	19	2.58%	1,128	2.54%	2,600	3.76%	3,747	3.28%
Left Side	48	6.51%	1,743	3.93%	2,362	3.41%	4,153	3.63%
Left Front	60	8.14%	3,000	6.76%	5,121	7.40%	8,181	7.16%
Top	2	0.27%	141	0.32%	169	0.24%	312	0.27%
Under Carriage	4	0.54%	171	0.39%	169	0.24%	344	0.30%
Other/Unknown	62	8.41%	7,916	17.85%	20,816	30.08%	28,794	25.19%
Total	737	100.00%	44,353	100.00%	69,210	100.00%	114,300	100.00%

Area of Vehicle Damage

Area of Vehicle Damage	Vehicles							
	Fatal Crashes		Injury Crashes		Property Crashes		Total Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Front	480	21.59%	22,141	24.95%	25,244	22.72%	47,865	23.69%
Right Front	382	17.18%	12,867	14.50%	13,943	12.55%	27,192	13.46%
Right Side	167	7.51%	4,484	5.05%	5,623	5.06%	10,274	5.08%
Right Rear	114	5.13%	4,938	5.56%	6,357	5.72%	11,409	5.65%
Rear	92	4.14%	7,917	8.92%	8,298	7.47%	16,307	8.07%
Left Rear	129	5.80%	5,202	5.86%	6,587	5.93%	11,918	5.90%
Left Side	206	9.27%	4,873	5.49%	5,782	5.20%	10,861	5.37%
Left Front	364	16.37%	12,843	14.47%	13,914	12.52%	27,121	13.42%
Top	194	8.73%	2,996	3.38%	1,782	1.60%	4,972	2.46%
Under Carriage	57	2.56%	2,414	2.72%	1,925	1.73%	4,396	2.18%
Other/Unknown	38	1.71%	8,067	9.09%	21,648	19.48%	29,753	14.72%
Total	2,223	100.00%	88,742	100.00%	111,103	100.00%	202,068	100.00%

Up to four area of vehicle damage may be indicated for each vehicle listed in a crash.

Vehicle Summary

Vehicle Fire or Explosion

Fire/Explosion	Vehicles							
	Fatal Crashes		Injury Crashes		Property Crashes		Total Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
No	688	93.35%	37,788	85.20%	49,457	71.46%	87,933	76.93%
Yes	44	5.97%	84	0.19%	95	0.14%	223	0.20%
Unknown	5	0.68%	6,481	14.61%	19,658	28.40%	26,144	22.87%
Total	737	100.00%	44,353	100.00%	69,210	100.00%	114,300	100.00%

Vehicle Defects

Vehicle Defects	Vehicles							
	Fatal Crashes		Injury Crashes		Property Crashes		Total Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
None	557	75.58%	33,008	74.42%	43,214	62.44%	76,779	67.17%
Brakes	1	0.14%	244	0.55%	251	0.36%	496	0.43%
Steering	0	0.00%	38	0.09%	51	0.07%	89	0.08%
Blowout	0	0.00%	37	0.08%	69	0.10%	106	0.09%
Smooth Tires	1	0.14%	45	0.10%	33	0.05%	79	0.07%
Other Tire Defect	1	0.14%	26	0.06%	56	0.08%	83	0.07%
Wipers	0	0.00%	16	0.04%	20	0.03%	36	0.03%
Trailer Hitch	0	0.00%	10	0.02%	22	0.03%	32	0.03%
Exhaust	0	0.00%	5	0.01%	6	0.01%	11	0.01%
Headlights	1	0.14%	47	0.11%	69	0.10%	117	0.10%
Tail Lights	0	0.00%	16	0.04%	23	0.03%	39	0.03%
Turn Signal	0	0.00%	11	0.02%	27	0.04%	38	0.03%
Suspension	0	0.00%	10	0.02%	12	0.02%	22	0.02%
Other	3	0.41%	103	0.23%	155	0.22%	261	0.23%
Glass	0	0.00%	8	0.02%	10	0.01%	18	0.02%
Unknown	173	23.47%	10,729	24.19%	25,192	36.40%	36,094	31.58%
Total	737	100.00%	44,353	100.00%	69,210	100.00%	114,300	100.00%

Type of Vehicle Attachments

Vehicle Attachment	Vehicles							
	Fatal Crashes		Injury Crashes		Property Crashes		Total Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
None	635	86.16%	36,636	82.60%	47,406	68.50%	84,677	74.08%
Single Trailer	34	4.61%	383	0.86%	660	0.95%	1,077	0.94%
Double Trailer	3	0.41%	44	0.10%	64	0.09%	111	0.10%
Semitrailer	39	5.29%	327	0.74%	525	0.76%	891	0.78%
Farm Equipment	7	0.95%	95	0.21%	107	0.15%	209	0.18%
Utility	1	0.14%	189	0.43%	349	0.50%	539	0.47%
Camping	0	0.00%	21	0.05%	44	0.06%	65	0.06%
Boat Trailer	2	0.27%	19	0.04%	50	0.07%	71	0.06%
Mobile Home	2	0.27%	103	0.23%	142	0.21%	247	0.22%
Oversized Load	0	0.00%	4	0.01%	14	0.02%	18	0.02%
Towed Vehicle	3	0.41%	39	0.09%	34	0.05%	76	0.07%
Other	2	0.27%	67	0.15%	93	0.13%	162	0.14%
Unknown	9	1.22%	6,426	14.49%	19,722	28.50%	26,157	22.88%
Total	737	100.00%	44,353	100.00%	69,210	100.00%	114,300	100.00%

Vehicle Summary

Driver/Vehicle Related Contributing Circumstances

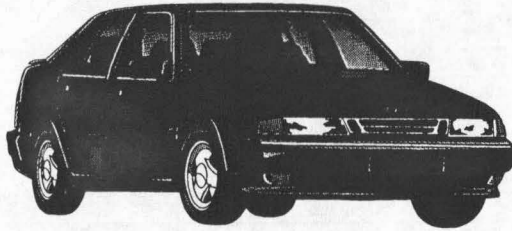
Driver/Vehicle Related Contributing Circumstances	Contributing Circumstances							
	Fatal Crashes		Injury Crashes		Property Crashes		Total Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
None Apparent	277	32.63%	20,215	40.72%	32,198	42.52%	52,690	41.75%
Ran Traffic Signal	7	0.82%	1,278	2.57%	1,074	1.42%	2,359	1.87%
Ran Stop Sign	31	3.65%	735	1.48%	652	0.86%	1,418	1.12%
Passed Stopped School Bus	0	0.00%	24	0.05%	20	0.03%	44	0.03%
Improper Passing	15	1.77%	271	0.55%	534	0.71%	820	0.65%
Left of Center, Not Passing	58	6.83%	427	0.86%	403	0.53%	888	0.70%
FTYROW at Intersection	7	0.82%	381	0.77%	504	0.67%	892	0.71%
FTYROW From Stop Sign	29	3.42%	1,885	3.80%	2,510	3.31%	4,424	3.51%
FTYROW From Yield Sign	1	0.12%	219	0.44%	272	0.36%	492	0.39%
FTYROW Making Left Turn	15	1.77%	1,775	3.58%	2,024	2.67%	3,814	3.02%
FTYROW From Driveway	4	0.47%	423	0.85%	860	1.14%	1,287	1.02%
FTYROW From Parked Position	0	0.00%	58	0.12%	278	0.37%	336	0.27%
FTYROW to Pedestrian	2	0.24%	100	0.20%	4	0.01%	106	0.08%
FTYROW Other	3	0.35%	337	0.68%	465	0.61%	805	0.64%
Wrong Way/One-Way	4	0.47%	46	0.09%	41	0.05%	91	0.07%
Too Fast for Conditions	27	3.18%	1,402	2.82%	1,684	2.22%	3,113	2.47%
Exceeding Speed Limit	24	2.83%	365	0.74%	263	0.35%	652	0.52%
Drag Racing	2	0.24%	12	0.02%	9	0.01%	23	0.02%
Improper Turn	2	0.24%	342	0.69%	834	1.10%	1,178	0.93%
Improper Lane Change	1	0.12%	335	0.67%	1,043	1.38%	1,379	1.09%
Following Too Close	1	0.12%	1,588	3.20%	1,551	2.05%	3,140	2.49%
No/Improper Signal	0	0.00%	83	0.17%	191	0.25%	274	0.22%
Disregarded Railroad Signal	1	0.12%	26	0.05%	29	0.04%	56	0.04%
Disregarded Warning Signal	2	0.24%	28	0.06%	31	0.04%	61	0.05%
Reckless Driving	7	0.82%	209	0.42%	270	0.36%	486	0.39%
Improper Backing	1	0.12%	156	0.31%	1,124	1.48%	1,281	1.01%
Illegal/Improper Parking	1	0.12%	80	0.16%	168	0.22%	249	0.20%
Failure to Control Vehicle	160	18.85%	5,788	11.66%	5,583	7.37%	11,531	9.14%
Headlights Not On	1	0.12%	45	0.09%	65	0.09%	111	0.09%
Inattentive/Distracted	33	3.89%	2,850	5.74%	3,192	4.22%	6,075	4.81%
Confused	0	0.00%	237	0.48%	351	0.46%	588	0.47%
Vision Obscured	24	2.83%	847	1.71%	1,453	1.92%	2,324	1.84%
Oversized/Loaded Vehicle	0	0.00%	39	0.08%	119	0.16%	158	0.13%
Inexperienced Driver	10	1.18%	657	1.32%	778	1.03%	1,445	1.14%
Other	34	4.00%	2,076	4.18%	3,063	4.05%	5,173	4.10%
Unknown	65	7.66%	4,299	8.66%	12,082	15.96%	16,446	13.03%
Total	849	100.00%	49,638	100.00%	75,722	100.00%	126,209	100.00%

Up to two driver/vehicle related contributing circumstances may be listed for each driver/vehicle.

Vehicles Involved in Hit & Run Crashes

Hit & Run	Vehicles							
	Fatal Crashes		Injury Crashes		Property Crashes		Total Crashes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
None	723	98.10%	36,792	82.95%	46,678	67.44%	84,193	73.66%
With Motor Vehicle	1	0.14%	404	0.91%	1,190	1.72%	1,595	1.40%
With Non-Occupant	0	0.00%	43	0.10%	288	0.42%	331	0.29%
Driver Left Scene	2	0.27%	486	1.10%	1,240	1.79%	1,728	1.51%
Unknown	11	1.49%	6,628	14.94%	19,814	28.63%	26,453	23.14%
Total	737	100.00%	44,353	100.00%	69,210	100.00%	114,300	100.00%

Passenger Cars



Out of 64,485 total crashes, one or more passenger cars were involved in:

- 51,078 crashes (all types)
- 283 fatal crashes
- 19,325 injury crashes
- 31,470 property damage crashes

278 occupants were killed, or 56.73% of all fatalities
24,922 occupants were injured, or 67.50% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Passenger Cars		All Others	
	Number	Percent	Number	Percent
Fatal	278	84.50%	51	15.50%
Major	2,109	80.53%	510	19.47%
Minor	9,292	83.50%	1,836	16.50%
Possible	13,518	81.93%	2,982	18.07%
Unknown	3	100.00%	0	0.00%
Total	25,200	82.41%	5,379	17.59%

This chart compares injury severity of passenger car occupants with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved passenger cars.

Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	91	32.73%	3,562	14.29%
Lap Belt	8	2.88%	1,304	5.23%
Lap & Shoulder Belt	109	39.21%	12,644	50.73%
Airbag Deployed	8	2.88%	667	2.68%
Child Restraint	2	0.72%	264	1.06%
Helmet	0	0.00%	62	0.25%
Passive Belt	1	0.36%	44	0.18%
Other	1	0.36%	80	0.32%
Unknown	58	20.86%	6,295	25.26%
Total	278	100.00%	24,922	100.00%

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	134	48.20%	15,337	61.54%
Male	144	51.80%	9,584	38.46%
Unknown	0	0.00%	1	0.00%
Total	278	100.00%	24,922	100.00%

Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	186	66.91%	16,858	67.64%
Front Seat Passenger	65	23.38%	5,779	23.19%
Back Seat Passenger	18	6.47%	1,737	6.97%
Third+ Seat Passenger	9	3.24%	530	2.13%
Bus Passenger	0	0.00%	0	0.00%
Riding on Exterior	0	0.00%	12	0.05%
MC/Moped Driver	0	0.00%	0	0.00%
MC/Moped Passenger	0	0.00%	0	0.00%
Pedalcyclist	0	0.00%	0	0.00%
Other	0	0.00%	4	0.02%
Unknown	0	0.00%	2	0.01%
Total	278	100.00%	24,922	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	9	3.24%	2,040	8.19%
15	6	2.16%	593	2.38%
16	16	5.76%	1,490	5.98%
17	11	3.96%	1,364	5.47%
18	10	3.60%	1,214	4.87%
19	9	3.24%	1,033	4.14%
20	5	1.80%	863	3.46%
Total Under 21*	66	23.74%	8,597	34.50%
All Ages				
14 & Under	9	3.24%	2,040	8.19%
15 to 24	81	29.14%	8,972	36.00%
25 to 34	39	14.03%	3,759	15.08%
35 to 44	30	10.79%	3,117	12.51%
45 to 54	28	10.07%	2,309	9.26%
55 to 64	22	7.91%	1,281	5.14%
65 to 74	24	8.63%	999	4.01%
75 & Over	40	14.39%	1,218	4.89%
Unknown	5	1.80%	1,227	4.92%
Total	278	100.00%	24,922	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	27	9.71%	7,650	30.70%
Lower Torso	1	0.36%	397	1.59%
Internal	10	3.60%	369	1.48%
Head	30	10.79%	3,239	13.00%
Arms	0	0.00%	1,116	4.48%
Legs	0	0.00%	966	3.88%
Multiple	157	56.47%	9,501	38.12%
Other/Unknown	53	19.06%	1,684	6.76%
Total	278	100.00%	24,922	100.00%

Passenger Cars

Drivers by Gender

Gender of Driver	Drivers In Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	134	39.76%	35,516	51.44%
Male	199	59.05%	32,649	47.29%
Unknown	4	1.19%	872	1.26%
Total	337	100.00%	69,037	100.00%

Drivers by Age Group

Age Group of Driver	Drivers In Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	167	0.24%
15	3	0.89%	490	0.71%
16	16	4.75%	4,466	6.47%
17	18	5.34%	4,090	5.92%
18	14	4.15%	3,884	5.63%
19	12	3.56%	3,135	4.54%
20	13	3.86%	2,559	3.71%
Total Under 21*	76	22.55%	18,791	27.22%
All Ages				
14 & Under	0	0.00%	167	0.24%
15 to 24	102	30.27%	26,183	37.93%
25 to 34	55	16.32%	11,526	16.70%
35 to 44	46	13.65%	10,050	14.56%
45 to 54	38	11.28%	7,606	11.02%
55 to 64	32	9.50%	4,691	6.79%
65 to 74	26	7.72%	3,871	5.61%
75 & Over	34	10.09%	3,886	5.63%
Unknown	4	1.19%	1,057	1.53%
Total	337	100.00%	69,037	100.00%

Under age 21 percentages based on total for all ages.

Vehicle Action

Vehicle Action	Vehicles In Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	257	74.49%	46,551	64.53%
Turning Left	22	6.38%	7,773	10.77%
Turning Right	2	0.58%	2,206	3.06%
Making U-Turn	0	0.00%	197	0.27%
Passing	12	3.48%	500	0.69%
Changing Lanes	3	0.87%	868	1.20%
Merging	1	0.29%	416	0.58%
Parking	1	0.29%	113	0.16%
Slowing/Stopping	11	3.19%	2,996	4.15%
Backing	1	0.29%	1,402	1.94%
Stopped for Sign/Signal	2	0.58%	2,061	2.86%
Stopped in Traffic	0	0.00%	2,217	3.07%
Stalled in Traffic	1	0.29%	56	0.08%
Property Parked	8	2.32%	2,682	3.72%
Improperly Parked	2	0.58%	131	0.18%
Unattended Moving Vehicle	0	0.00%	26	0.04%
Other	19	5.51%	883	1.22%
Unknown	3	0.87%	1,064	1.47%
Total	345	100.00%	72,142	100.00%

Drivers by Condition

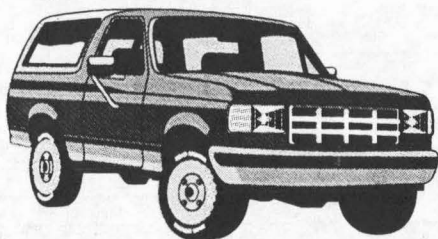
Driver Condition	Drivers In Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	167	49.55%	62,004	89.81%
Physical Defect	1	0.30%	116	0.17%
Fatigued	0	0.00%	278	0.40%
Apparently Asleep	3	0.89%	294	0.43%
Illness	2	0.59%	88	0.13%
Under Medication	0	0.00%	62	0.09%
Infirmities of Age	5	1.48%	432	0.63%
Drinking-Not Impaired	22	6.53%	505	0.73%
Drinking-Impaired	42	12.46%	1,148	1.66%
Drugs	0	0.00%	109	0.16%
Other	2	0.59%	314	0.45%
Unknown	93	27.60%	3,687	5.34%
Total	337	100.00%	69,037	100.00%

Driver/Vehicle Related Circumstances

Contributing Circumstances	Drivers/Vehicles In Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	106	26.43%	33,592	42.03%
Ran Traffic Signal	4	1.00%	1,633	2.04%
Ran Stop Sign	18	4.49%	936	1.17%
Passed Stopped School Bus	0	0.00%	26	0.03%
Improper Passing	10	2.49%	486	0.61%
Left of Center, Not Passing	29	7.23%	515	0.64%
FTYROW at Intersection	4	1.00%	600	0.75%
FTYROW From Stop Sign	17	4.24%	3,143	3.93%
FTYROW From Yield Sign	1	0.25%	333	0.42%
FTYROW Making Left Turn	11	2.74%	2,801	3.50%
FTYROW From Driveway	3	0.75%	882	1.10%
FTYROW From Parked	0	0.00%	249	0.31%
FTYROW to Pedestrian	1	0.25%	68	0.09%
FTYROW Other	1	0.25%	507	0.63%
Wrong Way/One-Way	4	1.00%	57	0.07%
Too Fast for Conditions	12	2.99%	1,904	2.38%
Exceeding Speed Limit	13	3.24%	426	0.53%
Drag Racing	2	0.50%	14	0.02%
Improper Turn	0	0.00%	721	0.90%
Improper Lane Change	1	0.25%	840	1.05%
Following Too Close	0	0.00%	2,055	2.57%
No/Improper Signal	0	0.00%	137	0.17%
Disregarded Railroad Signal	0	0.00%	39	0.05%
Disregarded Warning Signal	1	0.25%	34	0.04%
Reckless Driving	5	1.25%	326	0.41%
Improper Backing	0	0.00%	599	0.75%
Illegal/Improper Parking	1	0.25%	143	0.18%
Failure to Control Vehicle	85	21.20%	7,157	8.95%
Headlights Not On	0	0.00%	66	0.08%
Inattentive/Distracted	11	2.74%	4,032	5.04%
Confused	0	0.00%	421	0.53%
Vision Obscured	11	2.74%	1,505	1.88%
Oversized/Loaded Vehicle	0	0.00%	25	0.03%
Inexperienced Driver	4	1.00%	1,073	1.34%
Other	15	3.74%	3,087	3.86%
Unknown	31	7.73%	9,495	11.88%
Total	401	100.00%	79,927	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash.

Vans & Sport Utility Vehicles



Out of 64,485 total crashes, one or more vans or sport utility vehicles were involved in:

- 12,772 crashes (all types)
- 75 fatal crashes
- 4,875 injury crashes
- 7,822 property damage crashes

51 occupants were killed, or 10.41% of all fatalities
4,605 occupants were injured, or 12.47% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Vans & Sport Utility Vehicles		All Others	
	Number	Percent	Number	Percent
Fatal	51	59.30%	35	40.70%
Major	399	54.96%	327	45.04%
Minor	1,668	58.22%	1,197	41.78%
Possible	2,538	55.80%	2,010	44.20%
Unknown	0	0.00%	1	100.00%
Total	4,656	56.60%	3,570	43.40%

This chart compares injury severity of van and sport utility vehicle occupants with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved vans or sport utility vehicles.

Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	25	49.02%	750	16.29%
Lap Belt	2	3.92%	261	5.67%
Lap & Shoulder Belt	17	33.33%	2,282	49.55%
Airbag Deployed	0	0.00%	87	1.89%
Child Restraint	0	0.00%	65	1.41%
Helmet	0	0.00%	11	0.24%
Passive Belt	0	0.00%	2	0.04%
Other	0	0.00%	12	0.26%
Unknown	7	13.73%	1,135	24.65%
Total	51	100.00%	4,605	100.00%

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	24	47.06%	2,667	57.92%
Male	27	52.94%	1,938	42.08%
Unknown	0	0.00%	0	0.00%
Total	51	100.00%	4,605	100.00%

Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	31	60.78%	2,828	61.41%
Front Seat Passenger	10	19.61%	1,076	23.37%
Back Seat Passenger	8	15.69%	541	11.75%
Third+ Seat Passenger	2	3.92%	158	3.43%
Bus Passenger	0	0.00%	1	0.02%
Riding on Exterior	0	0.00%	1	0.02%
MC/Moped Driver	0	0.00%	0	0.00%
MC/Moped Passenger	0	0.00%	0	0.00%
Pedalcyclist	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	0	0.00%
Total	51	100.00%	4,605	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	6	11.76%	659	14.31%
15	0	0.00%	79	1.72%
16	0	0.00%	132	2.87%
17	0	0.00%	106	2.30%
18	1	1.96%	92	2.00%
19	1	1.96%	98	2.13%
20	2	3.92%	84	1.82%
Total Under 21*	10	19.61%	1,250	27.14%
All Ages				
14 & Under	6	11.76%	659	14.31%
15 to 24	9	17.65%	891	19.35%
25 to 34	10	19.61%	849	18.44%
35 to 44	11	21.57%	926	20.11%
45 to 54	6	11.76%	586	12.73%
55 to 64	4	7.84%	248	5.39%
65 to 74	4	7.84%	123	2.67%
75 & Over	1	1.96%	98	2.13%
Unknown	0	0.00%	225	4.89%
Total	51	100.00%	4,605	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	4	7.84%	1,445	31.38%
Lower Torso	0	0.00%	94	2.04%
Internal	1	1.96%	64	1.39%
Head	10	19.61%	472	10.25%
Arms	0	0.00%	171	3.71%
Legs	0	0.00%	172	3.74%
Multiple	28	54.90%	1,832	39.78%
Other/Unknown	8	15.69%	355	7.71%
Total	51	100.00%	4,605	100.00%

Vans & Sport Utility Vehicles

Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	31	40.79%	5,647	43.23%
Male	45	59.21%	7,311	55.97%
Unknown	0	0.00%	105	0.80%
Total	76	100.00%	13,063	100.00%

Drivers by Condition

Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	43	56.58%	11,932	91.34%
Physical Defect	0	0.00%	33	0.25%
Fatigued	0	0.00%	55	0.42%
Apparently Asleep	2	2.63%	53	0.41%
Illness	0	0.00%	15	0.11%
Under Medication	0	0.00%	13	0.10%
Infirmities of Age	0	0.00%	28	0.21%
Drinking-Not Impaired	4	5.26%	69	0.53%
Drinking-Impaired	7	9.21%	179	1.37%
Drugs	2	2.63%	11	0.08%
Other	0	0.00%	64	0.49%
Unknown	18	23.68%	611	4.68%
Total	76	100.00%	13,063	100.00%

Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	1	1.32%	36	0.28%
15	0	0.00%	64	0.49%
16	2	2.63%	416	3.18%
17	1	1.32%	302	2.31%
18	1	1.32%	270	2.07%
19	2	2.63%	252	1.93%
20	2	2.63%	258	1.98%
Total Under 21*	9	11.84%	1,598	12.23%
All Ages				
14 & Under	1	1.32%	36	0.28%
15 to 24	14	18.42%	2,442	18.69%
25 to 34	23	30.26%	2,945	22.54%
35 to 44	17	22.37%	3,452	26.43%
45 to 54	9	11.84%	2,292	17.55%
55 to 64	7	9.21%	991	7.59%
65 to 74	5	6.58%	530	4.06%
75 & Over	0	0.00%	237	1.81%
Unknown	0	0.00%	138	1.06%
Total	76	100.00%	13,063	100.00%

Under age 21 percentages based on total for all ages.

Driver/Vehicle Related Circumstances

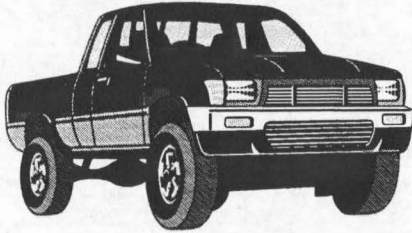
Contributing Circumstances	Drivers/Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	32	35.16%	7,040	47.36%
Ran Traffic Signal	0	0.00%	279	1.88%
Ran Stop Sign	5	5.49%	137	0.92%
Passed Stopped School Bus	0	0.00%	9	0.06%
Improper Passing	1	1.10%	83	0.56%
Left of Center, Not Passing	8	8.79%	75	0.50%
FTYROW at Intersection	0	0.00%	90	0.61%
FTYROW From Stop Sign	3	3.30%	434	2.92%
FTYROW From Yield Sign	0	0.00%	57	0.38%
FTYROW Making Left Turn	0	0.00%	388	2.61%
FTYROW From Driveway	0	0.00%	130	0.87%
FTYROW From Parked	0	0.00%	28	0.19%
FTYROW to Pedestrian	1	1.10%	14	0.09%
FTYROW Other	0	0.00%	89	0.60%
Wrong Way/One-Way	0	0.00%	5	0.03%
Too Fast for Conditions	2	2.20%	343	2.31%
Exceeding Speed Limit	2	2.20%	42	0.28%
Drag Racing	0	0.00%	2	0.01%
Improper Turn	0	0.00%	118	0.79%
Improper Lane Change	0	0.00%	156	1.05%
Following Too Close	0	0.00%	359	2.42%
No/Improper Signal	0	0.00%	35	0.24%
Disregarded Railroad Signal	0	0.00%	4	0.03%
Disregarded Warning Signal	0	0.00%	5	0.03%
Reckless Driving	0	0.00%	40	0.27%
Improper Backing	0	0.00%	160	1.08%
Illegal/Improper Parking	0	0.00%	31	0.21%
Failure to Control Vehicle	23	25.27%	1,277	8.59%
Headlights Not On	0	0.00%	12	0.08%
Inattentive/Distracted	6	6.59%	683	4.59%
Confused	0	0.00%	50	0.34%
Vision Obscured	1	1.10%	253	1.70%
Oversized/Loaded Vehicle	0	0.00%	7	0.05%
Inexperienced Driver	1	1.10%	122	0.82%
Other	1	1.10%	547	3.68%
Unknown	5	5.49%	1,761	11.85%
Total	91	100.00%	14,865	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash.

Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	62	78.48%	8,725	64.27%
Turning Left	4	5.06%	1,213	8.94%
Turning Right	0	0.00%	388	2.86%
Making U-Turn	0	0.00%	25	0.18%
Passing	1	1.27%	88	0.65%
Changing Lanes	1	1.27%	206	1.52%
Merging	0	0.00%	74	0.55%
Parking	0	0.00%	27	0.20%
Slowing/Stopping	2	2.53%	687	5.06%
Backing	0	0.00%	373	2.75%
Stopped for Sign/Signal	1	1.27%	481	3.54%
Stopped in Traffic	1	1.27%	453	3.34%
Stalled in Traffic	0	0.00%	8	0.06%
Properly Parked	3	3.80%	433	3.19%
Improperly Parked	0	0.00%	22	0.16%
Unattended Moving Vehicle	0	0.00%	13	0.10%
Other	3	3.80%	174	1.28%
Unknown	1	1.27%	185	1.36%
Total	79	100.00%	13,575	100.00%

Pickup Trucks



Out of 64,485 total crashes, one or more pickup trucks were involved in:

- 17,671 crashes (all types)
- 137 fatal crashes
- 6,284 injury crashes
- 11,250 property damage crashes

75 occupants were killed, or 15.31% of all fatalities
4,532 occupants were injured, or 12.28% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Pickup Trucks		All Others	
	Number	Percent	Number	Percent
Fatal	75	49.67%	76	50.33%
Major	515	52.39%	468	47.61%
Minor	1,775	50.01%	1,774	49.99%
Possible	2,242	44.06%	2,847	55.94%
Unknown	0	0.00%	0	0.00%
Total	4,607	47.14%	5,165	52.86%

This chart compares injury severity of pickup truck occupants with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved pickup trucks.

Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	50	66.67%	865	19.09%
Lap Belt	1	1.33%	240	5.30%
Lap & Shoulder Belt	9	12.00%	2,122	46.82%
Airbag Deployed	1	1.33%	85	1.88%
Child Restraint	0	0.00%	23	0.51%
Helmet	0	0.00%	7	0.15%
Passive Belt	0	0.00%	3	0.07%
Other	0	0.00%	18	0.40%
Unknown	14	18.67%	1,169	25.79%
Total	75	100.00%	4,532	100.00%

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	11	14.67%	1,299	28.66%
Male	64	85.33%	3,233	71.34%
Unknown	0	0.00%	0	0.00%
Total	75	100.00%	4,532	100.00%

Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	58	77.33%	3,246	71.62%
Front Seat Passenger	15	20.00%	1,077	23.76%
Back Seat Passenger	2	2.67%	160	3.53%
Third+ Seat Passenger	0	0.00%	0	0.00%
Bus Passenger	0	0.00%	0	0.00%
Riding on Exterior	0	0.00%	46	1.02%
MC/Moped Driver	0	0.00%	0	0.00%
MC/Moped Passenger	0	0.00%	0	0.00%
Pedalcyclist	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	3	0.07%
Total	75	100.00%	4,532	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	1	1.33%	259	5.71%
15	0	0.00%	87	1.92%
16	1	1.33%	162	3.57%
17	1	1.33%	151	3.33%
18	2	2.67%	159	3.51%
19	6	8.00%	161	3.55%
20	3	4.00%	133	2.93%
Total Under 21*	14	18.67%	1,112	24.54%
All Ages				
14 & Under	1	1.33%	259	5.71%
15 to 24	17	22.67%	1,320	29.13%
25 to 34	14	18.67%	760	16.77%
35 to 44	14	18.67%	774	17.08%
45 to 54	14	18.67%	579	12.78%
55 to 64	8	10.67%	277	6.11%
65 to 74	3	4.00%	194	4.28%
75 & Over	4	5.33%	125	2.76%
Unknown	0	0.00%	244	5.38%
Total	75	100.00%	4,532	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	12	16.00%	1,309	28.88%
Lower Torso	0	0.00%	88	1.94%
Internal	2	2.67%	80	1.77%
Head	6	8.00%	687	15.16%
Arms	0	0.00%	224	4.94%
Legs	0	0.00%	166	3.66%
Multiple	41	54.67%	1,686	37.20%
Other/Unknown	14	18.67%	292	6.44%
Total	75	100.00%	4,532	100.00%

Pickup Trucks

Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	13	8.78%	2,343	13.01%
Male	135	91.22%	15,452	85.83%
Unknown	0	0.00%	209	1.16%
Total	148	100.00%	18,004	100.00%

Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	23	0.13%
15	0	0.00%	75	0.42%
16	4	2.70%	614	3.41%
17	3	2.03%	621	3.45%
18	3	2.03%	628	3.49%
19	8	5.41%	622	3.45%
20	5	3.38%	520	2.89%
Total Under 21*	23	15.54%	3,103	17.24%
All Ages				
14 & Under	0	0.00%	23	0.13%
15 to 24	32	21.62%	4,848	26.93%
25 to 34	26	17.57%	3,488	19.37%
35 to 44	31	20.95%	3,709	20.60%
45 to 54	29	19.59%	2,735	15.19%
55 to 64	16	10.81%	1,569	8.71%
65 to 74	9	6.08%	942	5.23%
75 & Over	5	3.38%	435	2.42%
Unknown	0	0.00%	255	1.42%
Total	148	100.00%	18,004	100.00%

Under age 21 percentages based on total for all ages.

Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	132	88.00%	12,148	63.90%
Turning Left	6	4.00%	1,683	8.85%
Turning Right	1	0.67%	661	3.48%
Making U-Turn	0	0.00%	45	0.24%
Passing	1	0.67%	172	0.90%
Changing Lanes	0	0.00%	210	1.10%
Merging	0	0.00%	97	0.51%
Parking	0	0.00%	28	0.15%
Slowing/Stopping	2	1.33%	795	4.18%
Backing	1	0.67%	714	3.76%
Stopped for Sign/Signal	1	0.67%	480	2.52%
Stopped in Traffic	0	0.00%	541	2.85%
Stalled in Traffic	0	0.00%	19	0.10%
Properly Parked	2	1.33%	822	4.32%
Improperly Parked	0	0.00%	50	0.26%
Unattended Moving Vehicle	0	0.00%	18	0.09%
Other	4	2.67%	266	1.40%
Unknown	0	0.00%	261	1.37%
Total	150	100.00%	19,010	100.00%

Drivers by Condition

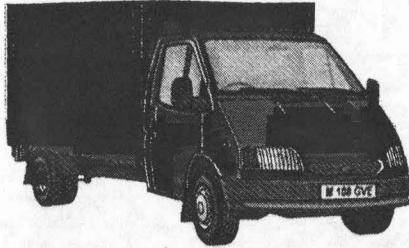
Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	80	54.05%	15,951	88.60%
Physical Defect	0	0.00%	38	0.21%
Fatigued	0	0.00%	77	0.43%
Apparently Asleep	1	0.68%	111	0.62%
Illness	0	0.00%	14	0.08%
Under Medication	0	0.00%	18	0.10%
Infirmities of Age	1	0.68%	43	0.24%
Drinking-Not Impaired	6	4.05%	169	0.94%
Drinking-Impaired	25	16.89%	453	2.52%
Drugs	0	0.00%	34	0.19%
Other	0	0.00%	74	0.41%
Unknown	35	23.65%	1,022	5.68%
Total	148	100.00%	18,004	100.00%

Driver/Vehicle Related Circumstances

Contributing Circumstances	Drivers/Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	59	34.71%	8,777	41.81%
Ran Traffic Signal	2	1.18%	336	1.60%
Ran Stop Sign	5	2.94%	235	1.12%
Passed Stopped School Bus	0	0.00%	4	0.02%
Improper Passing	1	0.59%	150	0.71%
Left of Center, Not Passing	13	7.65%	157	0.75%
FTYROW at Intersection	2	1.18%	158	0.75%
FTYROW From Stop Sign	6	3.53%	642	3.06%
FTYROW From Yield Sign	0	0.00%	83	0.40%
FTYROW Making Left Turn	2	1.18%	503	2.40%
FTYROW From Driveway	1	0.59%	213	1.01%
FTYROW From Parked	0	0.00%	45	0.21%
FTYROW to Pedestrian	0	0.00%	16	0.08%
FTYROW Other	2	1.18%	141	0.67%
Wrong Way/One-Way	0	0.00%	16	0.08%
Too Fast for Conditions	6	3.53%	640	3.05%
Exceeding Speed Limit	3	1.76%	113	0.54%
Drag Racing	0	0.00%	5	0.02%
Improper Turn	0	0.00%	183	0.87%
Improper Lane Change	0	0.00%	228	1.09%
Following Too Close	0	0.00%	562	2.68%
No/Improper Signal	0	0.00%	62	0.30%
Disregarded Railroad Signal	0	0.00%	6	0.03%
Disregarded Warning Signal	1	0.59%	10	0.05%
Reckless Driving	2	1.18%	85	0.40%
Improper Backing	0	0.00%	348	1.66%
Illegal/Improper Parking	0	0.00%	50	0.24%
Failure to Control Vehicle	28	16.47%	2,092	9.97%
Headlights Not On	0	0.00%	21	0.10%
Inattentive/Distracted	5	2.94%	992	4.73%
Confused	0	0.00%	91	0.43%
Vision Obscured	9	5.29%	392	1.87%
Oversized/Loaded Vehicle	0	0.00%	31	0.15%
Inexperienced Driver	1	0.59%	142	0.68%
Other	7	4.12%	971	4.63%
Unknown	15	8.82%	2,492	11.87%
Total	170	100.00%	20,992	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash.

Straight Trucks



Out of 64,485 total crashes, one or more straight trucks were involved in:

- 1,167 crashes (all types)
- 16 fatal crashes
- 424 injury crashes
- 727 property damage crashes

2 occupants were killed, or 00.41% of all fatalities
166 occupants were injured, or 00.45% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Straight Trucks		All Others	
	Number	Percent	Number	Percent
Fatal	2	8.70%	21	91.30%
Major	21	23.86%	67	76.14%
Minor	70	30.70%	158	69.30%
Possible	75	25.51%	219	74.49%
Unknown	0	0.00%	0	0.00%
Total	168	26.54%	465	73.46%

This chart compares injury severity of straight truck occupants with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved straight trucks.

Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	0	0.00%	44	26.51%
Lap Belt	0	0.00%	17	10.24%
Lap & Shoulder Belt	0	0.00%	60	36.14%
Airbag Deployed	0	0.00%	1	0.60%
Child Restraint	0	0.00%	0	0.00%
Helmet	0	0.00%	0	0.00%
Passive Belt	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	2	100.00%	44	26.51%
Total	2	100.00%	166	100.00%

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	0	0.00%	19	11.45%
Male	2	100.00%	147	88.55%
Unknown	0	0.00%	0	0.00%
Total	2	100.00%	166	100.00%

Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	1	50.00%	143	86.14%
Front Seat Passenger	1	50.00%	21	12.65%
Back Seat Passenger	0	0.00%	1	0.60%
Third+ Seat Passenger	0	0.00%	1	0.60%
Bus Passenger	0	0.00%	0	0.00%
Riding on Exterior	0	0.00%	0	0.00%
MC/Moped Driver	0	0.00%	0	0.00%
MC/Moped Passenger	0	0.00%	0	0.00%
Pedalcyclist	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	0	0.00%
Total	2	100.00%	166	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	3	1.81%
15	0	0.00%	0	0.00%
16	0	0.00%	0	0.00%
17	0	0.00%	1	0.60%
18	0	0.00%	2	1.20%
19	0	0.00%	2	1.20%
20	1	50.00%	5	3.01%
Total Under 21*	1	50.00%	13	7.83%
All Ages				
14 & Under	0	0.00%	3	1.81%
15 to 24	2	100.00%	23	13.86%
25 to 34	0	0.00%	38	22.89%
35 to 44	0	0.00%	34	20.48%
45 to 54	0	0.00%	25	15.06%
55 to 64	0	0.00%	16	9.64%
65 to 74	0	0.00%	6	3.61%
75 & Over	0	0.00%	10	6.02%
Unknown	0	0.00%	11	6.63%
Total	2	100.00%	166	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	0	0.00%	40	24.10%
Lower Torso	0	0.00%	0	0.00%
Internal	0	0.00%	6	3.61%
Head	0	0.00%	20	12.05%
Arms	0	0.00%	9	5.42%
Legs	0	0.00%	12	7.23%
Multiple	2	100.00%	69	41.57%
Other/Unknown	0	0.00%	10	6.02%
Total	2	100.00%	166	100.00%

Straight Trucks

Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	3	18.75%	42	3.73%
Male	13	81.25%	1,077	95.56%
Unknown	0	0.00%	8	0.71%
Total	16	100.00%	1,127	100.00%

Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	0	0.00%
15	0	0.00%	0	0.00%
16	0	0.00%	2	0.18%
17	0	0.00%	2	0.18%
18	0	0.00%	11	0.98%
19	0	0.00%	14	1.24%
20	1	6.25%	25	2.22%
Total Under 21*	1	6.25%	54	4.79%
All Ages				
14 & Under	0	0.00%	0	0.00%
15 to 24	2	12.50%	155	13.75%
25 to 34	5	31.25%	265	23.51%
35 to 44	2	12.50%	293	26.00%
45 to 54	3	18.75%	215	19.08%
55 to 64	3	18.75%	130	11.54%
65 to 74	1	6.25%	49	4.35%
75 & Over	0	0.00%	11	0.98%
Unknown	0	0.00%	9	0.80%
Total	16	100.00%	1,127	100.00%

Under age 21 percentages based on total for all ages.

Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	12	75.00%	630	53.80%
Turning Left	1	6.25%	130	11.10%
Turning Right	0	0.00%	77	6.58%
Making U-Turn	0	0.00%	3	0.26%
Passing	1	6.25%	10	0.85%
Changing Lanes	0	0.00%	24	2.05%
Merging	0	0.00%	16	1.37%
Parking	0	0.00%	5	0.43%
Slowing/Stopping	0	0.00%	41	3.50%
Backing	1	6.25%	98	8.37%
Stopped for Sign/Signal	0	0.00%	31	2.65%
Stopped in Traffic	0	0.00%	27	2.31%
Stalled in Traffic	0	0.00%	0	0.00%
Properly Parked	0	0.00%	29	2.48%
Improperly Parked	0	0.00%	5	0.43%
Unattended Moving Vehicle	0	0.00%	6	0.51%
Other	1	6.25%	24	2.05%
Unknown	0	0.00%	15	1.28%
Total	16	100.00%	1,171	100.00%

Drivers by Condition

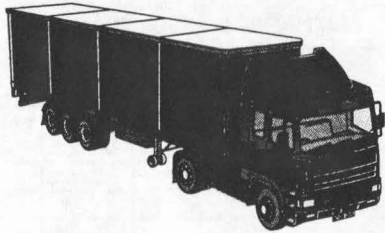
Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	15	93.75%	1,071	95.03%
Physical Defect	0	0.00%	3	0.27%
Fatigued	0	0.00%	2	0.18%
Apparently Asleep	1	6.25%	6	0.53%
Illness	0	0.00%	0	0.00%
Under Medication	0	0.00%	1	0.09%
Infirmities of Age	0	0.00%	1	0.09%
Drinking-Not Impaired	0	0.00%	1	0.09%
Drinking-Impaired	0	0.00%	1	0.09%
Drugs	0	0.00%	2	0.18%
Other	0	0.00%	1	0.09%
Unknown	0	0.00%	38	3.37%
Total	16	100.00%	1,127	100.00%

Driver/Vehicle Related Circumstances

Contributing Circumstances	Drivers/Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	11	64.71%	487	37.72%
Ran Traffic Signal	0	0.00%	26	2.01%
Ran Stop Sign	0	0.00%	7	0.54%
Passed Stopped School Bus	0	0.00%	2	0.15%
Improper Passing	1	5.88%	10	0.77%
Left of Center, Not Passing	0	0.00%	17	1.32%
FTYROW at Intersection	0	0.00%	3	0.23%
FTYROW From Stop Sign	1	5.88%	55	4.26%
FTYROW From Yield Sign	0	0.00%	4	0.31%
FTYROW Making Left Turn	0	0.00%	25	1.94%
FTYROW From Driveway	0	0.00%	15	1.16%
FTYROW From Parked	0	0.00%	4	0.31%
FTYROW to Pedestrian	0	0.00%	1	0.08%
FTYROW Other	0	0.00%	10	0.77%
Wrong Way/One-Way	0	0.00%	0	0.00%
Too Fast for Conditions	1	5.88%	36	2.79%
Exceeding Speed Limit	0	0.00%	4	0.31%
Drag Racing	0	0.00%	0	0.00%
Improper Turn	0	0.00%	22	1.70%
Improper Lane Change	0	0.00%	26	2.01%
Following Too Close	0	0.00%	35	2.71%
No/Improper Signal	0	0.00%	10	0.77%
Disregarded Railroad Signal	0	0.00%	0	0.00%
Disregarded Warning Signal	0	0.00%	2	0.15%
Reckless Driving	0	0.00%	2	0.15%
Improper Backing	1	5.88%	59	4.57%
Illegal/Improper Parking	0	0.00%	5	0.39%
Failure to Control Vehicle	1	5.88%	106	8.21%
Headlights Not On	0	0.00%	1	0.08%
Inattentive/Distracted	0	0.00%	62	4.80%
Confused	0	0.00%	3	0.23%
Vision Obscured	0	0.00%	23	1.78%
Oversized/Loaded Vehicle	0	0.00%	13	1.01%
Inexperienced Driver	0	0.00%	7	0.54%
Other	1	5.88%	97	7.51%
Unknown	0	0.00%	112	8.68%
Total	17	100.00%	1,291	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash.

Truck Tractors & Semitrailer Trucks



Out of 64,485 total crashes, one or more truck tractors or semitrailer trucks were involved in:

- 2,796 crashes (all types)
- 79 fatal crashes
- 942 injury crashes
- 1,775 property damage crashes

10 occupants were killed, or 02.04% of all fatalities
 348 occupants were injured, or 00.94% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Truck Tractors & Semitrailer Trucks		All Others	
	Number	Percent	Number	Percent
Fatal	10	10.99%	81	89.01%
Major	44	21.78%	158	78.22%
Minor	164	28.72%	407	71.28%
Possible	140	21.98%	497	78.02%
Unknown	0	0.00%	0	0.00%
Total	358	23.85%	1,143	76.15%

This chart compares injury severity of truck tractor and semitrailer truck occupants with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved truck tractors and semitrailer trucks.

Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	4	40.00%	76	21.84%
Lap Belt	0	0.00%	33	9.48%
Lap & Shoulder Belt	1	10.00%	154	44.25%
Airbag Deployed	0	0.00%	4	1.15%
Child Restraint	0	0.00%	2	0.57%
Helmet	0	0.00%	2	0.57%
Passive Belt	0	0.00%	1	0.29%
Other	0	0.00%	2	0.57%
Unknown	5	50.00%	74	21.26%
Total	10	100.00%	348	100.00%

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	0	0.00%	34	9.77%
Male	10	100.00%	314	90.23%
Unknown	0	0.00%	0	0.00%
Total	10	100.00%	348	100.00%

Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	10	100.00%	302	86.78%
Front Seat Passenger	0	0.00%	31	8.91%
Back Seat Passenger	0	0.00%	5	1.44%
Third+ Seat Passenger	0	0.00%	10	2.87%
Bus Passenger	0	0.00%	0	0.00%
Riding on Exterior	0	0.00%	0	0.00%
MC/Moped Driver	0	0.00%	0	0.00%
MC/Moped Passenger	0	0.00%	0	0.00%
Pedalcyclist	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	0	0.00%
Total	10	100.00%	348	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	7	2.01%
15	0	0.00%	2	0.57%
16	0	0.00%	2	0.57%
17	0	0.00%	2	0.57%
18	0	0.00%	5	1.44%
19	0	0.00%	0	0.00%
20	0	0.00%	2	0.57%
Total Under 21*	0	0.00%	20	5.75%
All Ages				
14 & Under	0	0.00%	7	2.01%
15 to 24	0	0.00%	35	10.06%
25 to 34	1	10.00%	65	18.68%
35 to 44	2	20.00%	93	26.72%
45 to 54	2	20.00%	69	19.83%
55 to 64	4	40.00%	51	14.66%
65 to 74	0	0.00%	9	2.59%
75 & Over	1	10.00%	5	1.44%
Unknown	0	0.00%	14	4.02%
Total	10	100.00%	348	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	0	0.00%	70	20.11%
Lower Torso	0	0.00%	12	3.45%
Internal	0	0.00%	10	2.87%
Head	1	10.00%	36	10.34%
Arms	0	0.00%	19	5.46%
Legs	0	0.00%	20	5.75%
Multiple	7	70.00%	157	45.11%
Other/Unknown	2	20.00%	24	6.90%
Total	10	100.00%	348	100.00%

Truck Tractors & Semitrailer Trucks

Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	1	1.18%	91	3.32%
Male	83	97.65%	2,607	95.04%
Unknown	1	1.18%	45	1.64%
Total	85	100.00%	2,743	100.00%

Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	1	0.04%
15	0	0.00%	1	0.04%
16	0	0.00%	7	0.26%
17	0	0.00%	4	0.15%
18	0	0.00%	8	0.29%
19	0	0.00%	9	0.33%
20	1	1.18%	9	0.33%
Total Under 21*	1	1.18%	39	1.42%
All Ages				
14 & Under	0	0.00%	1	0.04%
15 to 24	6	7.06%	215	7.84%
25 to 34	16	18.82%	558	20.34%
35 to 44	21	24.71%	813	29.64%
45 to 54	20	23.53%	658	23.99%
55 to 64	16	18.82%	361	13.16%
65 to 74	3	3.53%	72	2.62%
75 & Over	1	1.18%	7	0.26%
Unknown	2	2.35%	58	2.11%
Total	85	100.00%	2,743	100.00%

Under age 21 percentages based on total for all ages.

Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	69	81.18%	1,720	60.84%
Turning Left	2	2.35%	223	7.89%
Turning Right	0	0.00%	277	9.80%
Making U-Turn	0	0.00%	4	0.14%
Passing	2	2.35%	64	2.26%
Changing Lanes	1	1.18%	118	4.17%
Merging	2	2.35%	31	1.10%
Parking	0	0.00%	4	0.14%
Slowing/Stopping	1	1.18%	91	3.22%
Backing	3	3.53%	92	3.25%
Stopped for Sign/Signal	0	0.00%	37	1.31%
Stopped in Traffic	0	0.00%	25	0.88%
Stalled in Traffic	1	1.18%	3	0.11%
Property Parked	1	1.18%	43	1.52%
Improperly Parked	0	0.00%	7	0.25%
Unattended Moving Vehicle	0	0.00%	2	0.07%
Other	2	2.35%	41	1.45%
Unknown	1	1.18%	45	1.59%
Total	85	100.00%	2,827	100.00%

Drivers by Condition

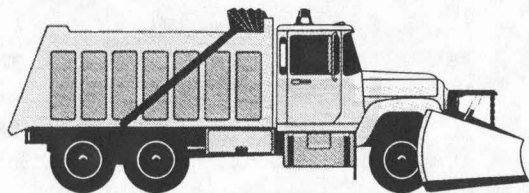
Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	70	82.35%	2,529	92.20%
Physical Defect	1	1.18%	3	0.11%
Fatigued	0	0.00%	19	0.69%
Apparently Asleep	2	2.35%	21	0.77%
Illness	0	0.00%	3	0.11%
Under Medication	0	0.00%	0	0.00%
Infirmities of Age	0	0.00%	1	0.04%
Drinking-Not Impaired	2	2.35%	5	0.18%
Drinking-Impaired	0	0.00%	7	0.26%
Drugs	0	0.00%	4	0.15%
Other	1	1.18%	8	0.29%
Unknown	9	10.59%	143	5.21%
Total	85	100.00%	2,743	100.00%

Driver/Vehicle Related Circumstances

Contributing Circumstances	Drivers/Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	53	57.61%	1,249	40.19%
Ran Traffic Signal	0	0.00%	30	0.97%
Ran Stop Sign	1	1.09%	21	0.68%
Passed Stopped School Bus	0	0.00%	2	0.06%
Improper Passing	1	1.09%	43	1.38%
Left of Center, Not Passing	4	4.35%	24	0.77%
FTYROW at Intersection	0	0.00%	10	0.32%
FTYROW From Stop Sign	1	1.09%	43	1.38%
FTYROW From Yield Sign	0	0.00%	6	0.19%
FTYROW Making Left Turn	2	2.17%	32	1.03%
FTYROW From Driveway	0	0.00%	15	0.48%
FTYROW From Parked	0	0.00%	3	0.10%
FTYROW to Pedestrian	0	0.00%	1	0.03%
FTYROW Other	0	0.00%	20	0.64%
Wrong Way/One-Way	0	0.00%	4	0.13%
Too Fast for Conditions	3	3.26%	103	3.31%
Exceeding Speed Limit	0	0.00%	5	0.16%
Drag Racing	0	0.00%	0	0.00%
Improper Turn	0	0.00%	90	2.90%
Improper Lane Change	0	0.00%	105	3.38%
Following Too Close	1	1.09%	79	2.54%
No/Improper Signal	0	0.00%	9	0.29%
Disregarded Railroad Signal	0	0.00%	5	0.16%
Disregarded Warning Signal	0	0.00%	7	0.23%
Reckless Driving	0	0.00%	0	0.00%
Improper Backing	0	0.00%	49	1.58%
Illegal/Improper Parking	0	0.00%	7	0.23%
Failure to Control Vehicle	9	9.78%	335	10.78%
Headlights Not On	0	0.00%	2	0.06%
Inattentive/Distracted	7	7.61%	126	4.05%
Confused	0	0.00%	14	0.45%
Vision Obscured	1	1.09%	58	1.87%
Oversized/Loaded Vehicle	0	0.00%	37	1.19%
Inexperienced Driver	0	0.00%	18	0.58%
Other	4	4.35%	190	6.11%
Unknown	5	5.43%	366	11.78%
Total	92	100.00%	3,108	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash.

Maintenance & Construction Vehicles



Out of 64,485 total crashes, one or more maintenance or construction vehicles were involved in:

- 458 crashes (all types)
- 6 fatal crashes
- 157 injury crashes
- 295 property damage crashes

2 occupants were killed, or 00.41% of all fatalities
44 occupants were injured, or 00.12% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Maintenance & Construction Vehicles		All Others	
	Number	Percent	Number	Percent
Fatal	2	28.57%	5	71.43%
Major	4	26.67%	11	73.33%
Minor	23	24.21%	72	75.79%
Possible	17	15.60%	92	84.40%
Unknown	0	0.00%	0	0.00%
Total	46	20.35%	180	79.65%

This chart compares injury severity of maintenance and construction vehicle occupants with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved maintenance and construction vehicles.

Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	1	50.00%	11	25.00%
Lap Belt	0	0.00%	8	18.18%
Lap & Shoulder Belt	0	0.00%	13	29.55%
Airbag Deployed	0	0.00%	1	2.27%
Child Restraint	0	0.00%	0	0.00%
Helmet	0	0.00%	0	0.00%
Passive Belt	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	1	50.00%	11	25.00%
Total	2	100.00%	44	100.00%

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	0	0.00%	2	4.55%
Male	2	100.00%	42	95.45%
Unknown	0	0.00%	0	0.00%
Total	2	100.00%	44	100.00%

Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	2	100.00%	40	90.91%
Front Seat Passenger	0	0.00%	3	6.82%
Back Seat Passenger	0	0.00%	1	2.27%
Third+ Seat Passenger	0	0.00%	0	0.00%
Bus Passenger	0	0.00%	0	0.00%
Riding on Exterior	0	0.00%	0	0.00%
MC/Moped Driver	0	0.00%	0	0.00%
MC/Moped Passenger	0	0.00%	0	0.00%
Pedalcyclist	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	0	0.00%
Total	2	100.00%	44	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	0	0.00%
15	0	0.00%	0	0.00%
16	0	0.00%	0	0.00%
17	0	0.00%	1	2.27%
18	0	0.00%	1	2.27%
19	0	0.00%	0	0.00%
20	0	0.00%	0	0.00%
Total Under 21*	0	0.00%	2	4.55%
All Ages				
14 & Under	0	0.00%	0	0.00%
15 to 24	0	0.00%	7	15.91%
25 to 34	0	0.00%	6	13.64%
35 to 44	0	0.00%	11	25.00%
45 to 54	0	0.00%	9	20.45%
55 to 64	2	100.00%	3	6.82%
65 to 74	0	0.00%	2	4.55%
75 & Over	0	0.00%	1	2.27%
Unknown	0	0.00%	5	11.36%
Total	2	100.00%	44	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	0	0.00%	10	22.73%
Lower Torso	0	0.00%	2	4.55%
Internal	0	0.00%	2	4.55%
Head	0	0.00%	9	20.45%
Arms	0	0.00%	1	2.27%
Legs	0	0.00%	4	9.09%
Multiple	1	50.00%	15	34.09%
Other/Unknown	1	50.00%	1	2.27%
Total	2	100.00%	44	100.00%

Maintenance & Construction Vehicles

Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	0	0.00%	8	1.85%
Male	6	100.00%	417	96.30%
Unknown	0	0.00%	8	1.85%
Total	6	100.00%	433	100.00%

Drivers by Condition

Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	6	100.00%	401	92.61%
Physical Defect	0	0.00%	1	0.23%
Fatigued	0	0.00%	2	0.46%
Apparently Asleep	0	0.00%	0	0.00%
Illness	0	0.00%	0	0.00%
Under Medication	0	0.00%	0	0.00%
Infirmities of Age	0	0.00%	0	0.00%
Drinking-Not Impaired	0	0.00%	1	0.23%
Drinking-Impaired	0	0.00%	2	0.46%
Drugs	0	0.00%	1	0.23%
Other	0	0.00%	2	0.46%
Unknown	0	0.00%	23	5.31%
Total	6	100.00%	433	100.00%

Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	0	0.00%
15	0	0.00%	0	0.00%
16	0	0.00%	2	0.46%
17	0	0.00%	3	0.69%
18	0	0.00%	4	0.92%
19	0	0.00%	6	1.39%
20	0	0.00%	1	0.23%
Total Under 21*	0	0.00%	16	3.70%
All Ages				
14 & Under	0	0.00%	0	0.00%
15 to 24	0	0.00%	47	10.85%
25 to 34	1	16.67%	97	22.40%
35 to 44	1	16.67%	118	27.25%
45 to 54	1	16.67%	104	24.02%
55 to 64	3	50.00%	43	9.93%
65 to 74	0	0.00%	10	2.31%
75 & Over	0	0.00%	2	0.46%
Unknown	0	0.00%	12	2.77%
Total	6	100.00%	433	100.00%

Under age 21 percentages based on total for all ages.

Driver/Vehicle Related Circumstances

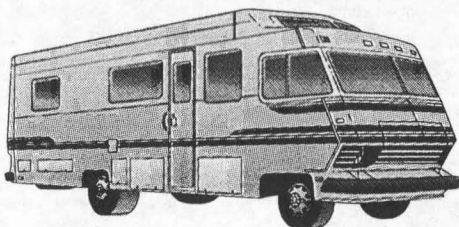
Contributing Circumstances	Drivers/Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	3	37.50%	193	39.07%
Ran Traffic Signal	0	0.00%	5	1.01%
Ran Stop Sign	0	0.00%	6	1.21%
Passed Stopped School Bus	0	0.00%	0	0.00%
Improper Passing	0	0.00%	3	0.61%
Left of Center, Not Passing	1	12.50%	8	1.62%
FTYROW at Intersection	0	0.00%	2	0.40%
FTYROW From Stop Sign	0	0.00%	9	1.82%
FTYROW From Yield Sign	0	0.00%	0	0.00%
FTYROW Making Left Turn	0	0.00%	9	1.82%
FTYROW From Driveway	0	0.00%	3	0.61%
FTYROW From Parked	0	0.00%	3	0.61%
FTYROW to Pedestrian	0	0.00%	0	0.00%
FTYROW Other	0	0.00%	3	0.61%
Wrong Way/One-Way	0	0.00%	1	0.20%
Too Fast for Conditions	0	0.00%	6	1.21%
Exceeding Speed Limit	0	0.00%	0	0.00%
Drag Racing	0	0.00%	0	0.00%
Improper Turn	0	0.00%	6	1.21%
Improper Lane Change	0	0.00%	3	0.61%
Following Too Close	0	0.00%	9	1.82%
No/Improper Signal	0	0.00%	2	0.40%
Disregarded Railroad Signal	0	0.00%	0	0.00%
Disregarded Warning Signal	0	0.00%	0	0.00%
Reckless Driving	0	0.00%	1	0.20%
Improper Backing	0	0.00%	31	6.28%
Illegal/Improper Parking	0	0.00%	5	1.01%
Failure to Control Vehicle	1	12.50%	27	5.47%
Headlights Not On	1	12.50%	1	0.20%
Inattentive/Distracted	0	0.00%	27	5.47%
Confused	0	0.00%	1	0.20%
Vision Obscured	1	12.50%	19	3.85%
Oversized/Loaded Vehicle	0	0.00%	9	1.82%
Inexperienced Driver	0	0.00%	3	0.61%
Other	1	12.50%	43	8.70%
Unknown	0	0.00%	56	11.34%
Total	8	100.00%	494	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash.

Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	4	66.67%	226	49.56%
Turning Left	2	33.33%	46	10.09%
Turning Right	0	0.00%	17	3.73%
Making U-Turn	0	0.00%	3	0.66%
Passing	0	0.00%	4	0.88%
Changing Lanes	0	0.00%	7	1.54%
Merging	0	0.00%	5	1.10%
Parking	0	0.00%	1	0.22%
Slowing/Stopping	0	0.00%	25	5.48%
Backing	0	0.00%	57	12.50%
Stopped for Sign/Signal	0	0.00%	6	1.32%
Stopped in Traffic	0	0.00%	11	2.41%
Stalled in Traffic	0	0.00%	0	0.00%
Property Parked	0	0.00%	23	5.04%
Improperly Parked	0	0.00%	2	0.44%
Unattended Moving Vehicle	0	0.00%	2	0.44%
Other	0	0.00%	15	3.29%
Unknown	0	0.00%	6	1.32%
Total	6	100.00%	456	100.00%

Motor Homes



Out of 64,485 total crashes, one or more motor homes were involved in:

- 73 crashes (all types)
- 1 fatal crashes
- 25 injury crashes
- 47 property damage crashes

0 occupants were killed, or 00.00% of all fatalities
23 occupants were injured, or 00.06% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Motor Homes		All Others	
	Number	Percent	Number	Percent
Fatal	0	0.00%	1	100.00%
Major	1	50.00%	1	50.00%
Minor	7	31.82%	15	68.18%
Possible	15	51.72%	14	48.28%
Unknown	0	0.00%	0	0.00%
Total	23	42.59%	31	57.41%

This chart compares injury severity of motor home occupants with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved motor homes.

Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	0	0.00%	14	60.87%
Lap Belt	0	0.00%	0	0.00%
Lap & Shoulder Belt	0	0.00%	2	8.70%
Airbag Deployed	0	0.00%	1	4.35%
Child Restraint	0	0.00%	3	13.04%
Helmet	0	0.00%	1	4.35%
Passive Belt	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	2	8.70%
Total	0	0.00%	23	100.00%

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	0	0.00%	12	52.17%
Male	0	0.00%	11	47.83%
Unknown	0	0.00%	0	0.00%
Total	0	0.00%	23	100.00%

Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	0	0.00%	5	21.74%
Front Seat Passenger	0	0.00%	10	43.48%
Back Seat Passenger	0	0.00%	6	26.09%
Third+ Seat Passenger	0	0.00%	2	8.70%
Bus Passenger	0	0.00%	0	0.00%
Riding on Exterior	0	0.00%	0	0.00%
MC/Moped Driver	0	0.00%	0	0.00%
MC/Moped Passenger	0	0.00%	0	0.00%
Pedalcyclist	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	0	0.00%
Total	0	0.00%	23	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	3	13.04%
15	0	0.00%	0	0.00%
16	0	0.00%	0	0.00%
17	0	0.00%	0	0.00%
18	0	0.00%	1	4.35%
19	0	0.00%	0	0.00%
20	0	0.00%	0	0.00%
Total Under 21*	0	0.00%	4	17.39%
All Ages				
14 & Under	0	0.00%	3	13.04%
15 to 24	0	0.00%	2	8.70%
25 to 34	0	0.00%	4	17.39%
35 to 44	0	0.00%	3	13.04%
45 to 54	0	0.00%	1	4.35%
55 to 64	0	0.00%	3	13.04%
65 to 74	0	0.00%	4	17.39%
75 & Over	0	0.00%	0	0.00%
Unknown	0	0.00%	3	13.04%
Total	0	0.00%	23	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	0	0.00%	8	34.78%
Lower Torso	0	0.00%	0	0.00%
Internal	0	0.00%	0	0.00%
Head	0	0.00%	1	4.35%
Arms	0	0.00%	0	0.00%
Legs	0	0.00%	1	4.35%
Multiple	0	0.00%	10	43.48%
Other/Unknown	0	0.00%	3	13.04%
Total	0	0.00%	23	100.00%

Motor Homes

Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	0	0.00%	8	12.50%
Male	1	100.00%	54	84.38%
Unknown	0	0.00%	2	3.13%
Total	1	100.00%	64	100.00%

Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	0	0.00%
15	0	0.00%	0	0.00%
16	0	0.00%	0	0.00%
17	0	0.00%	0	0.00%
18	0	0.00%	0	0.00%
19	0	0.00%	0	0.00%
20	0	0.00%	0	0.00%
Total Under 21*	0	0.00%	0	0.00%
All Ages				
14 & Under	0	0.00%	0	0.00%
15 to 24	0	0.00%	1	1.56%
25 to 34	0	0.00%	3	4.69%
35 to 44	0	0.00%	14	21.88%
45 to 54	0	0.00%	11	17.19%
55 to 64	1	100.00%	14	21.88%
65 to 74	0	0.00%	9	14.06%
75 & Over	0	0.00%	9	14.06%
Unknown	0	0.00%	3	4.69%
Total	1	100.00%	64	100.00%

Under age 21 percentages based on total for all ages.

Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	1	100.00%	39	54.17%
Turning Left	0	0.00%	10	13.89%
Turning Right	0	0.00%	3	4.17%
Making U-Turn	0	0.00%	0	0.00%
Passing	0	0.00%	0	0.00%
Changing Lanes	0	0.00%	2	2.78%
Merging	0	0.00%	0	0.00%
Parking	0	0.00%	1	1.39%
Slowing/Stopping	0	0.00%	4	5.56%
Backing	0	0.00%	0	0.00%
Stopped for Sign/Signal	0	0.00%	1	1.39%
Stopped in Traffic	0	0.00%	0	0.00%
Stalled in Traffic	0	0.00%	0	0.00%
Properly Parked	0	0.00%	7	9.72%
Improperly Parked	0	0.00%	0	0.00%
Unattended Moving Vehicle	0	0.00%	0	0.00%
Other	0	0.00%	2	2.78%
Unknown	0	0.00%	3	4.17%
Total	1	100.00%	72	100.00%

Drivers by Condition

Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	1	100.00%	61	95.31%
Physical Defect	0	0.00%	0	0.00%
Fatigued	0	0.00%	0	0.00%
Apparently Asleep	0	0.00%	0	0.00%
Illness	0	0.00%	0	0.00%
Under Medication	0	0.00%	0	0.00%
Infirmities of Age	0	0.00%	0	0.00%
Drinking-Not Impaired	0	0.00%	0	0.00%
Drinking-Impaired	0	0.00%	0	0.00%
Drugs	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	3	4.69%
Total	1	100.00%	64	100.00%

Driver/Vehicle Related Circumstances

Contributing Circumstances	Drivers/Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	1	100.00%	30	38.46%
Ran Traffic Signal	0	0.00%	2	2.56%
Ran Stop Sign	0	0.00%	0	0.00%
Passed Stopped School Bus	0	0.00%	0	0.00%
Improper Passing	0	0.00%	0	0.00%
Left of Center, Not Passing	0	0.00%	0	0.00%
FTYROW at Intersection	0	0.00%	0	0.00%
FTYROW From Stop Sign	0	0.00%	3	3.85%
FTYROW From Yield Sign	0	0.00%	0	0.00%
FTYROW Making Left Turn	0	0.00%	4	5.13%
FTYROW From Driveway	0	0.00%	0	0.00%
FTYROW From Parked	0	0.00%	0	0.00%
FTYROW to Pedestrian	0	0.00%	0	0.00%
FTYROW Other	0	0.00%	0	0.00%
Wrong Way/One-Way	0	0.00%	0	0.00%
Too Fast for Conditions	0	0.00%	2	2.56%
Exceeding Speed Limit	0	0.00%	0	0.00%
Drag Racing	0	0.00%	0	0.00%
Improper Turn	0	0.00%	3	3.85%
Improper Lane Change	0	0.00%	2	2.56%
Following Too Close	0	0.00%	2	2.56%
No/Improper Signal	0	0.00%	0	0.00%
Disregarded Railroad Signal	0	0.00%	0	0.00%
Disregarded Warning Signal	0	0.00%	0	0.00%
Reckless Driving	0	0.00%	0	0.00%
Improper Backing	0	0.00%	0	0.00%
Illegal/Improper Parking	0	0.00%	0	0.00%
Failure to Control Vehicle	0	0.00%	4	5.13%
Headlights Not On	0	0.00%	0	0.00%
Inattentive/Distracted	0	0.00%	1	1.28%
Confused	0	0.00%	1	1.28%
Vision Obscured	0	0.00%	1	1.28%
Oversized/Loaded Vehicle	0	0.00%	6	7.69%
Inexperienced Driver	0	0.00%	0	0.00%
Other	0	0.00%	6	7.69%
Unknown	0	0.00%	11	14.10%
Total	1	100.00%	78	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash.

Buses



Out of 64,485 total crashes, one or more buses were involved in:

- 248 crashes (all types)
- 1 fatal crashes
- 82 injury crashes
- 165 property damage crashes

0 occupants were killed, or 00.00% of all fatalities
102 occupants were injured, or 00.28% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Buses		All Others	
	Number	Percent	Number	Percent
Fatal	0	0.00%	1	100.00%
Major	3	21.43%	11	78.57%
Minor	48	64.86%	26	35.14%
Possible	51	55.43%	41	44.57%
Unknown	0	0.00%	0	0.00%
Total	102	56.35%	79	43.65%

This chart compares injury severity of bus occupants with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved buses.

Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	0	0.00%	57	55.88%
Lap Belt	0	0.00%	1	0.98%
Lap & Shoulder Belt	0	0.00%	6	5.88%
Airbag Deployed	0	0.00%	3	2.94%
Child Restraint	0	0.00%	0	0.00%
Helmet	0	0.00%	0	0.00%
Passive Belt	0	0.00%	0	0.00%
Other	0	0.00%	1	0.98%
Unknown	0	0.00%	34	33.33%
Total	0	0.00%	102	100.00%

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	0	0.00%	56	54.90%
Male	0	0.00%	46	45.10%
Unknown	0	0.00%	0	0.00%
Total	0	0.00%	102	100.00%

Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	0	0.00%	19	18.63%
Front Seat Passenger	0	0.00%	0	0.00%
Back Seat Passenger	0	0.00%	0	0.00%
Third- Seat Passenger	0	0.00%	1	0.98%
Bus Passenger	0	0.00%	82	80.39%
Riding on Exterior	0	0.00%	0	0.00%
MC/Moped Driver	0	0.00%	0	0.00%
MC/Moped Passenger	0	0.00%	0	0.00%
Pedalcyclist	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	0	0.00%
Total	0	0.00%	102	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	34	33.33%
15	0	0.00%	1	0.98%
16	0	0.00%	2	1.96%
17	0	0.00%	8	7.84%
18	0	0.00%	3	2.94%
19	0	0.00%	0	0.00%
20	0	0.00%	0	0.00%
Total Under 21*	0	0.00%	48	47.06%
All Ages				
14 & Under	0	0.00%	34	33.33%
15 to 24	0	0.00%	18	17.65%
25 to 34	0	0.00%	4	3.92%
35 to 44	0	0.00%	9	8.82%
45 to 54	0	0.00%	4	3.92%
55 to 64	0	0.00%	8	7.84%
65 to 74	0	0.00%	4	3.92%
75 & Over	0	0.00%	2	1.96%
Unknown	0	0.00%	19	18.63%
Total	0	0.00%	102	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	0	0.00%	11	10.78%
Lower Torso	0	0.00%	1	0.98%
Internal	0	0.00%	1	0.98%
Head	0	0.00%	12	11.76%
Arms	0	0.00%	7	6.86%
Legs	0	0.00%	4	3.92%
Multiple	0	0.00%	43	42.16%
Other/Unknown	0	0.00%	23	22.55%
Total	0	0.00%	102	100.00%

Buses

Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	0	0.00%	47	19.50%
Male	1	100.00%	192	79.67%
Unknown	0	0.00%	2	0.83%
Total	1	100.00%	241	100.00%

Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	0	0.00%
15	0	0.00%	0	0.00%
16	0	0.00%	0	0.00%
17	0	0.00%	0	0.00%
18	0	0.00%	0	0.00%
19	0	0.00%	4	1.66%
20	0	0.00%	4	1.66%
Total Under 21*	0	0.00%	8	3.32%
All Ages				
14 & Under	0	0.00%	0	0.00%
15 to 24	1	100.00%	18	7.47%
25 to 34	0	0.00%	27	11.20%
35 to 44	0	0.00%	49	20.33%
45 to 54	0	0.00%	60	24.90%
55 to 64	0	0.00%	53	21.99%
65 to 74	0	0.00%	29	12.03%
75 & Over	0	0.00%	3	1.24%
Unknown	0	0.00%	2	0.83%
Total	1	100.00%	241	100.00%

Under age 21 percentages based on total for all ages.

Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	1	100.00%	136	54.40%
Turning Left	0	0.00%	25	10.00%
Turning Right	0	0.00%	22	8.80%
Making U-Turn	0	0.00%	0	0.00%
Passing	0	0.00%	4	1.60%
Changing Lanes	0	0.00%	3	1.20%
Merging	0	0.00%	1	0.40%
Parking	0	0.00%	1	0.40%
Slowing/Stopping	0	0.00%	13	5.20%
Backing	0	0.00%	3	1.20%
Stopped for Sign/Signal	0	0.00%	10	4.00%
Stopped in Traffic	0	0.00%	15	6.00%
Stalled in Traffic	0	0.00%	0	0.00%
Properly Parked	0	0.00%	5	2.00%
Improperly Parked	0	0.00%	0	0.00%
Unattended Moving Vehicle	0	0.00%	0	0.00%
Other	0	0.00%	7	2.80%
Unknown	0	0.00%	5	2.00%
Total	1	100.00%	250	100.00%

Drivers by Condition

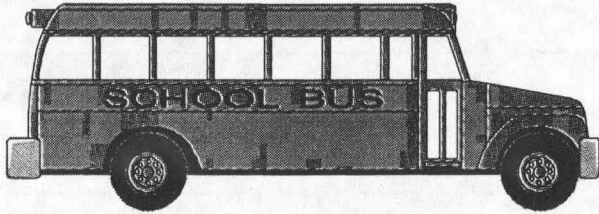
Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	1	100.00%	225	93.36%
Physical Defect	0	0.00%	0	0.00%
Fatigued	0	0.00%	1	0.41%
Apparently Asleep	0	0.00%	0	0.00%
Illness	0	0.00%	0	0.00%
Under Medication	0	0.00%	0	0.00%
Infirmities of Age	0	0.00%	0	0.00%
Drinking-Not Impaired	0	0.00%	0	0.00%
Drinking-Impaired	0	0.00%	0	0.00%
Drugs	0	0.00%	1	0.41%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	14	5.81%
Total	1	100.00%	241	100.00%

Driver/Vehicle Related Circumstances

Contributing Circumstances	Drivers/Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	0	0.00%	135	50.75%
Ran Traffic Signal	0	0.00%	4	1.50%
Ran Stop Sign	1	100.00%	0	0.00%
Passed Stopped School Bus	0	0.00%	1	0.38%
Improper Passing	0	0.00%	6	2.26%
Left of Center, Not Passing	0	0.00%	1	0.38%
FTYROW at Intersection	0	0.00%	1	0.38%
FTYROW From Stop Sign	0	0.00%	12	4.51%
FTYROW From Yield Sign	0	0.00%	2	0.75%
FTYROW Making Left Turn	0	0.00%	1	0.38%
FTYROW From Driveway	0	0.00%	0	0.00%
FTYROW From Parked	0	0.00%	1	0.38%
FTYROW to Pedestrian	0	0.00%	0	0.00%
FTYROW Other	0	0.00%	1	0.38%
Wrong Way/One-Way	0	0.00%	0	0.00%
Too Fast for Conditions	0	0.00%	5	1.88%
Exceeding Speed Limit	0	0.00%	1	0.38%
Drag Racing	0	0.00%	0	0.00%
Improper Turn	0	0.00%	4	1.50%
Improper Lane Change	0	0.00%	6	2.26%
Following Too Close	0	0.00%	6	2.26%
No/Improper Signal	0	0.00%	2	0.75%
Disregarded Railroad Signal	0	0.00%	0	0.00%
Disregarded Warning Signal	0	0.00%	0	0.00%
Reckless Driving	0	0.00%	0	0.00%
Improper Backing	0	0.00%	1	0.38%
Illegal/Improper Parking	0	0.00%	1	0.38%
Failure to Control Vehicle	0	0.00%	9	3.38%
Headlights Not On	0	0.00%	0	0.00%
Inattentive/Distracted	0	0.00%	8	3.01%
Confused	0	0.00%	0	0.00%
Vision Obscured	0	0.00%	0	0.00%
Oversized/Loaded Vehicle	0	0.00%	7	2.63%
Inexperienced Driver	0	0.00%	2	0.75%
Other	0	0.00%	11	4.14%
Unknown	0	0.00%	38	14.29%
Total	1	100.00%	266	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash.

School Buses



Out of 64,485 total crashes, one or more school buses were involved in:

- 211 crashes (all types)
- 1 fatal crashes
- 66 injury crashes
- 144 property damage crashes

0 occupants were killed, or 00.00% of all fatalities
 94 occupants were injured, or 00.25% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	School Buses		All Others	
	Number	Percent	Number	Percent
Fatal	0	0.00%	1	100.00%
Major	2	33.33%	4	66.67%
Minor	28	58.33%	20	41.67%
Possible	64	62.14%	39	37.86%
Unknown	0	0.00%	0	0.00%
Total	94	59.49%	64	40.51%

This chart compares injury severity of school bus occupants with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved school buses.

Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	0	0.00%	56	59.57%
Lap Belt	0	0.00%	7	7.45%
Lap & Shoulder Belt	0	0.00%	11	11.70%
Airbag Deployed	0	0.00%	0	0.00%
Child Restraint	0	0.00%	2	2.13%
Helmet	0	0.00%	0	0.00%
Passive Belt	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	18	19.15%
Total	0	0.00%	94	100.00%

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	0	0.00%	50	53.19%
Male	0	0.00%	44	46.81%
Unknown	0	0.00%	0	0.00%
Total	0	0.00%	94	100.00%

Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	0	0.00%	19	20.21%
Front Seat Passenger	0	0.00%	0	0.00%
Back Seat Passenger	0	0.00%	0	0.00%
Third+ Seat Passenger	0	0.00%	0	0.00%
Bus Passenger	0	0.00%	75	79.79%
Riding on Exterior	0	0.00%	0	0.00%
MC/Moped Driver	0	0.00%	0	0.00%
MC/Moped Passenger	0	0.00%	0	0.00%
Pedalcyclist	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	0	0.00%
Total	0	0.00%	94	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	56	59.57%
15	0	0.00%	2	2.13%
16	0	0.00%	0	0.00%
17	0	0.00%	0	0.00%
18	0	0.00%	0	0.00%
19	0	0.00%	0	0.00%
20	0	0.00%	0	0.00%
Total Under 21*	0	0.00%	58	61.70%
All Ages				
14 & Under	0	0.00%	56	59.57%
15 to 24	0	0.00%	3	3.19%
25 to 34	0	0.00%	0	0.00%
35 to 44	0	0.00%	11	11.70%
45 to 54	0	0.00%	5	5.32%
55 to 64	0	0.00%	3	3.19%
65 to 74	0	0.00%	1	1.06%
75 & Over	0	0.00%	0	0.00%
Unknown	0	0.00%	15	15.96%
Total	0	0.00%	94	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	0	0.00%	16	17.02%
Lower Torso	0	0.00%	0	0.00%
Internal	0	0.00%	2	2.13%
Head	0	0.00%	23	24.47%
Arms	0	0.00%	3	3.19%
Legs	0	0.00%	3	3.19%
Multiple	0	0.00%	23	24.47%
Other/Unknown	0	0.00%	24	25.53%
Total	0	0.00%	94	100.00%

School Buses

Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	1	100.00%	86	40.95%
Male	0	0.00%	122	58.10%
Unknown	0	0.00%	2	0.95%
Total	1	100.00%	210	100.00%

Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	0	0.00%
15	0	0.00%	0	0.00%
16	0	0.00%	1	0.48%
17	0	0.00%	0	0.00%
18	0	0.00%	0	0.00%
19	0	0.00%	0	0.00%
20	0	0.00%	2	0.95%
Total Under 21*	0	0.00%	3	1.43%
All Ages				
14 & Under	0	0.00%	0	0.00%
15 to 24	0	0.00%	7	3.33%
25 to 34	1	100.00%	14	6.67%
35 to 44	0	0.00%	51	24.29%
45 to 54	0	0.00%	38	18.10%
55 to 64	0	0.00%	64	30.48%
65 to 74	0	0.00%	31	14.76%
75 & Over	0	0.00%	2	0.95%
Unknown	0	0.00%	3	1.43%
Total	1	100.00%	210	100.00%

Under age 21 percentages based on total for all ages.

Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	1	100.00%	113	53.05%
Turning Left	0	0.00%	25	11.74%
Turning Right	0	0.00%	11	5.16%
Making U-Turn	0	0.00%	0	0.00%
Passing	0	0.00%	0	0.00%
Changing Lanes	0	0.00%	1	0.47%
Merging	0	0.00%	3	1.41%
Parking	0	0.00%	1	0.47%
Stowing/Stopping	0	0.00%	13	6.10%
Backing	0	0.00%	13	6.10%
Stopped for Sign/Signal	0	0.00%	11	5.16%
Stopped in Traffic	0	0.00%	12	5.63%
Stalled in Traffic	0	0.00%	1	0.47%
Properly Parked	0	0.00%	1	0.47%
Improperly Parked	0	0.00%	0	0.00%
Unattended Moving Vehicle	0	0.00%	0	0.00%
Other	0	0.00%	5	2.35%
Unknown	0	0.00%	3	1.41%
Total	1	100.00%	213	100.00%

Drivers by Condition

Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	0	0.00%	203	96.67%
Physical Defect	0	0.00%	0	0.00%
Fatigued	0	0.00%	0	0.00%
Apparently Asleep	0	0.00%	0	0.00%
Illness	0	0.00%	0	0.00%
Under Medication	0	0.00%	0	0.00%
Infirmities of Age	0	0.00%	0	0.00%
Drinking-Not Impaired	0	0.00%	0	0.00%
Drinking-Impaired	0	0.00%	0	0.00%
Drugs	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	1	100.00%	7	3.33%
Total	1	100.00%	210	100.00%

Driver/Vehicle Related Circumstances

Contributing Circumstances	Drivers/Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	0	0.00%	113	49.78%
Ran Traffic Signal	0	0.00%	2	0.88%
Ran Stop Sign	0	0.00%	1	0.44%
Passed Stopped School Bus	0	0.00%	0	0.00%
Improper Passing	0	0.00%	1	0.44%
Left of Center, Not Passing	1	50.00%	2	0.88%
FTYROW at Intersection	0	0.00%	2	0.88%
FTYROW From Stop Sign	0	0.00%	8	3.52%
FTYROW From Yield Sign	0	0.00%	0	0.00%
FTYROW Making Left Turn	0	0.00%	3	1.32%
FTYROW From Driveway	0	0.00%	0	0.00%
FTYROW From Parked	0	0.00%	1	0.44%
FTYROW to Pedestrian	0	0.00%	0	0.00%
FTYROW Other	0	0.00%	2	0.88%
Wrong Way/One-Way	0	0.00%	0	0.00%
Too Fast for Conditions	0	0.00%	2	0.88%
Exceeding Speed Limit	0	0.00%	0	0.00%
Drag Racing	0	0.00%	0	0.00%
Improper Turn	0	0.00%	2	0.88%
Improper Lane Change	0	0.00%	0	0.00%
Following Too Close	0	0.00%	5	2.20%
No/Improper Signal	0	0.00%	1	0.44%
Disregarded Railroad Signal	0	0.00%	0	0.00%
Disregarded Warning Signal	0	0.00%	0	0.00%
Reckless Driving	0	0.00%	0	0.00%
Improper Backing	0	0.00%	10	4.41%
Illegal/Improper Parking	0	0.00%	0	0.00%
Failure to Control Vehicle	0	0.00%	19	8.37%
Headlights Not On	0	0.00%	0	0.00%
Inattentive/Distracted	0	0.00%	15	6.61%
Confused	0	0.00%	0	0.00%
Vision Obscured	0	0.00%	5	2.20%
Oversized/Loaded Vehicle	0	0.00%	2	0.88%
Inexperienced Driver	0	0.00%	0	0.00%
Other	0	0.00%	10	4.41%
Unknown	1	50.00%	21	9.25%
Total	2	100.00%	227	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash.

Farm Vehicles



Out of 64,485 total crashes, one or more farm vehicles were involved in:

- 290 crashes (all types)
- 7 fatal crashes
- 137 injury crashes
- 146 property damage crashes

7 occupants were killed, or 01.43% of all fatalities
55 occupants were injured, or 00.15% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Farm Vehicles		All Others	
	Number	Percent	Number	Percent
Fatal	7	100.00%	0	0.00%
Major	19	47.50%	21	52.50%
Minor	19	22.35%	66	77.65%
Possible	17	25.00%	51	75.00%
Unknown	0	0.00%	0	0.00%
Total	62	31.00%	138	69.00%

This chart compares injury severity of farm vehicle occupants with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved farm vehicles.

Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	7	100.00%	31	56.36%
Lap Belt	0	0.00%	1	1.82%
Lap & Shoulder Belt	0	0.00%	10	18.18%
Airbag Deployed	0	0.00%	1	1.82%
Child Restraint	0	0.00%	0	0.00%
Helmet	0	0.00%	0	0.00%
Passive Belt	0	0.00%	0	0.00%
Other	0	0.00%	1	1.82%
Unknown	0	0.00%	11	20.00%
Total	7	100.00%	55	100.00%

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	0	0.00%	6	10.91%
Male	7	100.00%	49	89.09%
Unknown	0	0.00%	0	0.00%
Total	7	100.00%	55	100.00%

Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	7	100.00%	52	94.55%
Front Seat Passenger	0	0.00%	2	3.64%
Back Seat Passenger	0	0.00%	0	0.00%
Third+ Seat Passenger	0	0.00%	0	0.00%
Bus Passenger	0	0.00%	0	0.00%
Riding on Exterior	0	0.00%	1	1.82%
MC/Moped Driver	0	0.00%	0	0.00%
MC/Moped Passenger	0	0.00%	0	0.00%
Pedalcyclist	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	0	0.00%
Total	7	100.00%	55	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	1	14.29%	4	7.27%
15	0	0.00%	2	3.64%
16	0	0.00%	0	0.00%
17	0	0.00%	1	1.82%
18	0	0.00%	2	3.64%
19	0	0.00%	1	1.82%
20	0	0.00%	1	1.82%
Total Under 21*	1	14.29%	11	20.00%
All Ages				
14 & Under	1	14.29%	4	7.27%
15 to 24	1	14.29%	9	16.36%
25 to 34	3	42.86%	5	9.09%
35 to 44	0	0.00%	11	20.00%
45 to 54	0	0.00%	15	27.27%
55 to 64	0	0.00%	4	7.27%
65 to 74	1	14.29%	6	10.91%
75 & Over	1	14.29%	1	1.82%
Unknown	0	0.00%	0	0.00%
Total	7	100.00%	55	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	2	28.57%	11	20.00%
Lower Torso	0	0.00%	2	3.64%
Internal	2	28.57%	1	1.82%
Head	0	0.00%	9	16.36%
Arms	0	0.00%	0	0.00%
Legs	0	0.00%	2	3.64%
Multiple	3	42.86%	28	50.91%
Other/Unknown	0	0.00%	2	3.64%
Total	7	100.00%	55	100.00%

Farm Vehicles

Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	0	0.00%	9	3.20%
Male	7	100.00%	271	96.44%
Unknown	0	0.00%	1	0.36%
Total	7	100.00%	281	100.00%

Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	1	14.29%	6	2.14%
15	0	0.00%	3	1.07%
16	0	0.00%	4	1.42%
17	0	0.00%	5	1.78%
18	0	0.00%	1	0.36%
19	0	0.00%	2	0.71%
20	0	0.00%	5	1.78%
Total Under 21*	1	14.29%	26	9.25%
All Ages				
14 & Under	1	14.29%	6	2.14%
15 to 24	1	14.29%	33	11.74%
25 to 34	3	42.86%	39	13.88%
35 to 44	0	0.00%	60	21.35%
45 to 54	0	0.00%	56	19.93%
55 to 64	0	0.00%	40	14.23%
65 to 74	1	14.29%	35	12.46%
75 & Over	1	14.29%	10	3.56%
Unknown	0	0.00%	2	0.71%
Total	7	100.00%	281	100.00%

Under age 21 percentages based on total for all ages.

Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	6	85.71%	151	53.17%
Turning Left	0	0.00%	93	32.75%
Turning Right	1	14.29%	16	5.63%
Making U-Turn	0	0.00%	0	0.00%
Passing	0	0.00%	0	0.00%
Changing Lanes	0	0.00%	0	0.00%
Merging	0	0.00%	2	0.70%
Parking	0	0.00%	0	0.00%
Slowing/Stopping	0	0.00%	4	1.41%
Backing	0	0.00%	5	1.76%
Stopped for Sign/Signal	0	0.00%	1	0.35%
Stopped in Traffic	0	0.00%	2	0.70%
Stalled in Traffic	0	0.00%	0	0.00%
Properly Parked	0	0.00%	0	0.00%
Improperly Parked	0	0.00%	1	0.35%
Unattended Moving Vehicle	0	0.00%	0	0.00%
Other	0	0.00%	7	2.46%
Unknown	0	0.00%	2	0.70%
Total	7	100.00%	284	100.00%

Drivers by Condition

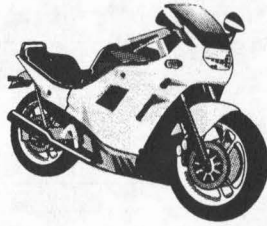
Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	5	71.43%	264	93.95%
Physical Defect	0	0.00%	0	0.00%
Fatigued	0	0.00%	0	0.00%
Apparently Asleep	1	14.29%	1	0.36%
Illness	0	0.00%	0	0.00%
Under Medication	0	0.00%	0	0.00%
Infirmities of Age	0	0.00%	0	0.00%
Drinking-Not Impaired	0	0.00%	0	0.00%
Drinking-Impaired	0	0.00%	2	0.71%
Drugs	0	0.00%	1	0.36%
Other	0	0.00%	0	0.00%
Unknown	1	14.29%	13	4.63%
Total	7	100.00%	281	100.00%

Driver/Vehicle Related Circumstances

Contributing Circumstances	Drivers/Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	2	22.22%	149	47.91%
Ran Traffic Signal	0	0.00%	1	0.32%
Ran Stop Sign	0	0.00%	1	0.32%
Passed Stopped School Bus	0	0.00%	0	0.00%
Improper Passing	0	0.00%	1	0.32%
Left of Center, Not Passing	0	0.00%	10	3.22%
FTYROW at Intersection	0	0.00%	2	0.64%
FTYROW From Stop Sign	0	0.00%	3	0.96%
FTYROW From Yield Sign	0	0.00%	0	0.00%
FTYROW Making Left Turn	0	0.00%	12	3.86%
FTYROW From Driveway	0	0.00%	6	1.93%
FTYROW From Parked	0	0.00%	0	0.00%
FTYROW to Pedestrian	0	0.00%	0	0.00%
FTYROW Other	0	0.00%	3	0.96%
Wrong Way/One-Way	0	0.00%	0	0.00%
Too Fast for Conditions	0	0.00%	4	1.29%
Exceeding Speed Limit	0	0.00%	1	0.32%
Drag Racing	0	0.00%	0	0.00%
Improper Turn	0	0.00%	6	1.93%
Improper Lane Change	0	0.00%	1	0.32%
Following Too Close	0	0.00%	0	0.00%
No/Improper Signal	0	0.00%	13	4.18%
Disregarded Railroad Signal	1	11.11%	1	0.32%
Disregarded Warning Signal	0	0.00%	0	0.00%
Reckless Driving	0	0.00%	0	0.00%
Improper Backing	0	0.00%	2	0.64%
Illegal/Improper Parking	0	0.00%	2	0.64%
Failure to Control Vehicle	4	44.44%	15	4.82%
Headlights Not On	0	0.00%	1	0.32%
Inattentive/Distracted	1	11.11%	10	3.22%
Confused	0	0.00%	2	0.64%
Vision Obscured	0	0.00%	9	2.89%
Oversized/Loaded Vehicle	0	0.00%	13	4.18%
Inexperienced Driver	1	11.11%	3	0.96%
Other	0	0.00%	15	4.82%
Unknown	0	0.00%	25	8.04%
Total	9	100.00%	311	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash.

Motorcycles



Out of 64,485 total crashes, one or more motorcycles were involved in:

- 667 crashes (all types)
- 28 fatal crashes
- 569 injury crashes
- 70 property damage crashes

30 riders were killed, or 06.12% of all fatalities
653 riders were injured, or 01.77% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Motorcycles		All Others	
	Number	Percent	Number	Percent
Fatal	30	100.00%	0	0.00%
Major	262	97.76%	6	2.24%
Minor	316	94.05%	20	5.95%
Possible	75	78.95%	20	21.05%
Unknown	0	0.00%	0	0.00%
Total	683	93.69%	46	6.31%

This chart compares injury severity of motorcycle riders with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved motorcycles.

Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	20	66.67%	456	69.83%
Lap Belt	0	0.00%	0	0.00%
Lap & Shoulder Belt	0	0.00%	0	0.00%
Airbag Deployed	0	0.00%	0	0.00%
Child Restraint	0	0.00%	0	0.00%
Helmet	8	26.67%	101	15.47%
Passive Belt	0	0.00%	0	0.00%
Other	0	0.00%	8	1.23%
Unknown	2	6.67%	88	13.48%
Total	30	100.00%	653	100.00%

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	9	30.00%	99	15.16%
Male	21	70.00%	554	84.84%
Unknown	0	0.00%	0	0.00%
Total	30	100.00%	653	100.00%

Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	0	0.00%	0	0.00%
Front Seat Passenger	0	0.00%	0	0.00%
Back Seat Passenger	0	0.00%	0	0.00%
Third+ Seat Passenger	0	0.00%	0	0.00%
Bus Passenger	0	0.00%	0	0.00%
Riding on Exterior	0	0.00%	0	0.00%
MC/Moped Driver	21	70.00%	563	86.22%
MC/Moped Passenger	9	30.00%	90	13.78%
Pedalcyclist	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	0	0.00%
Total	30	100.00%	653	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	1	3.33%	12	1.84%
15	0	0.00%	6	0.92%
16	0	0.00%	7	1.07%
17	0	0.00%	5	0.77%
18	0	0.00%	25	3.83%
19	3	10.00%	33	5.05%
20	0	0.00%	26	3.98%
Total Under 21*	4	13.33%	114	17.46%
All Ages				
14 & Under	1	3.33%	12	1.84%
15 to 24	7	23.33%	163	24.96%
25 to 34	4	13.33%	156	23.89%
35 to 44	11	36.67%	146	22.36%
45 to 54	5	16.67%	99	15.16%
55 to 64	2	6.67%	37	5.67%
65 to 74	0	0.00%	10	1.53%
75 & Over	0	0.00%	6	0.92%
Unknown	0	0.00%	24	3.68%
Total	30	100.00%	653	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	1	3.33%	46	7.04%
Lower Torso	0	0.00%	15	2.30%
Internal	0	0.00%	9	1.38%
Head	10	33.33%	55	8.42%
Arms	0	0.00%	50	7.66%
Legs	0	0.00%	72	11.03%
Multiple	11	36.67%	378	57.89%
Other/Unknown	8	26.67%	28	4.29%
Total	30	100.00%	653	100.00%

Motorcycles

Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	0	0.00%	24	3.68%
Male	28	100.00%	625	95.71%
Unknown	0	0.00%	4	0.61%
Total	28	100.00%	653	100.00%

Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	1	3.57%	11	1.68%
15	0	0.00%	5	0.77%
16	0	0.00%	5	0.77%
17	0	0.00%	5	0.77%
18	0	0.00%	19	2.91%
19	2	7.14%	31	4.75%
20	0	0.00%	34	5.21%
Total Under 21*	3	10.71%	110	16.85%
All Ages				
14 & Under	1	3.57%	11	1.68%
15 to 24	6	21.43%	174	26.65%
25 to 34	2	7.14%	150	22.97%
35 to 44	14	50.00%	153	23.43%
45 to 54	4	14.29%	105	16.08%
55 to 64	1	3.57%	42	6.43%
65 to 74	0	0.00%	10	1.53%
75 & Over	0	0.00%	3	0.46%
Unknown	0	0.00%	5	0.77%
Total	28	100.00%	653	100.00%

Under age 21 percentages based on total for all ages.

Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	22	78.57%	482	73.14%
Turning Left	2	7.14%	42	6.37%
Turning Right	1	3.57%	27	4.10%
Making U-Turn	0	0.00%	4	0.61%
Passing	0	0.00%	17	2.58%
Changing Lanes	0	0.00%	3	0.46%
Merging	1	3.57%	3	0.46%
Parking	0	0.00%	1	0.15%
Slowing/Stopping	0	0.00%	30	4.55%
Backing	0	0.00%	1	0.15%
Stopped for Sign/Signal	0	0.00%	16	2.43%
Stopped in Traffic	0	0.00%	5	0.76%
Stalled in Traffic	0	0.00%	0	0.00%
Properly Parked	0	0.00%	5	0.76%
Improperly Parked	0	0.00%	0	0.00%
Unattended Moving Vehicle	0	0.00%	0	0.00%
Other	2	7.14%	15	2.28%
Unknown	0	0.00%	8	1.21%
Total	28	100.00%	659	100.00%

Drivers by Condition

Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	12	42.86%	522	79.94%
Physical Defect	0	0.00%	0	0.00%
Fatigued	0	0.00%	3	0.46%
Apparently Asleep	0	0.00%	2	0.31%
Illness	0	0.00%	0	0.00%
Under Medication	0	0.00%	2	0.31%
Infirmities of Age	0	0.00%	0	0.00%
Drinking-Not Impaired	0	0.00%	27	4.13%
Drinking-Impaired	6	21.43%	36	5.51%
Drugs	0	0.00%	2	0.31%
Other	0	0.00%	5	0.77%
Unknown	10	35.71%	54	8.27%
Total	28	100.00%	653	100.00%

Driver/Vehicle Related Circumstances

Contributing Circumstances	Drivers/Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	7	18.92%	282	37.70%
Ran Traffic Signal	1	2.70%	6	0.80%
Ran Stop Sign	0	0.00%	6	0.80%
Passed Stopped School Bus	0	0.00%	0	0.00%
Improper Passing	0	0.00%	10	1.34%
Left of Center, Not Passing	2	5.41%	0	0.00%
FTYROW at Intersection	0	0.00%	6	0.80%
FTYROW From Stop Sign	0	0.00%	3	0.40%
FTYROW From Yield Sign	0	0.00%	2	0.27%
FTYROW Making Left Turn	0	0.00%	4	0.53%
FTYROW From Driveway	0	0.00%	4	0.53%
FTYROW From Parked	0	0.00%	0	0.00%
FTYROW to Pedestrian	0	0.00%	0	0.00%
FTYROW Other	0	0.00%	1	0.13%
Wrong Way/One-Way	0	0.00%	0	0.00%
Too Fast for Conditions	2	5.41%	18	2.41%
Exceeding Speed Limit	6	16.22%	30	4.01%
Drag Racing	0	0.00%	0	0.00%
Improper Turn	1	2.70%	7	0.94%
Improper Lane Change	0	0.00%	2	0.27%
Following Too Close	0	0.00%	15	2.01%
No/Improper Signal	0	0.00%	2	0.27%
Disregarded Railroad Signal	0	0.00%	0	0.00%
Disregarded Warning Signal	0	0.00%	0	0.00%
Reckless Driving	0	0.00%	8	1.07%
Improper Backing	0	0.00%	0	0.00%
Illegal/Improper Parking	0	0.00%	1	0.13%
Failure to Control Vehicle	7	18.92%	174	23.26%
Headlights Not On	0	0.00%	1	0.13%
Inattentive/Distracted	3	8.11%	34	4.55%
Confused	0	0.00%	2	0.27%
Vision Obscured	1	2.70%	4	0.53%
Oversized/Loaded Vehicle	0	0.00%	1	0.13%
Inexperienced Driver	2	5.41%	29	3.88%
Other	2	5.41%	26	3.48%
Unknown	3	8.11%	70	9.36%
Total	37	100.00%	748	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash.

Motorcycles

Motorcycle Fatalities & Injuries by Helmet Usage & Gender

Gender	Fatalities						Injuries					
	Helmet Not Worn		Helmet Worn		Unknown/Other		Helmet Not Worn		Helmet Worn		Unknown/Other	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Female	8	40.00%	1	12.50%	0	0.00%	67	14.69%	19	18.81%	13	13.54%
Male	12	60.00%	7	87.50%	2	100.00%	389	85.31%	82	81.19%	83	86.46%
Unknown	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Total	20	100.00%	8	100.00%	2	100.00%	456	100.00%	101	100.00%	96	100.00%

Motorcycle Fatalities & Injuries by Helmet Usage & Age

Age	Fatalities						Injuries					
	Helmet Not Worn		Helmet Worn		Unknown/Other		Helmet Not Worn		Helmet Worn		Unknown/Other	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
14 & Under	0	0.00%	1	12.50%	0	0.00%	7	1.54%	4	3.96%	1	1.04%
15 to 24	5	25.00%	1	12.50%	1	50.00%	127	27.85%	14	13.86%	22	22.92%
25 to 34	3	15.00%	1	12.50%	0	0.00%	109	23.90%	21	20.79%	26	27.08%
35 to 44	7	35.00%	3	37.50%	1	50.00%	100	21.93%	27	26.73%	19	19.79%
45 to 54	3	15.00%	2	25.00%	0	0.00%	65	14.25%	23	22.77%	11	11.46%
55 to 64	2	10.00%	0	0.00%	0	0.00%	22	4.82%	6	5.94%	9	9.38%
65 to 74	0	0.00%	0	0.00%	0	0.00%	5	1.90%	3	6.52%	2	4.00%
75 & Over	0	0.00%	0	0.00%	0	0.00%	4	0.88%	1	0.99%	1	1.04%
Unknown	0	0.00%	0	0.00%	0	0.00%	17	3.73%	2	1.98%	5	5.21%
Total	20	100.00%	8	100.00%	2	100.00%	456	100.00%	101	100.00%	96	100.00%

Motorcycle Fatalities & Injuries by Helmet Usage & Rural/Urban Classification

Road Classification	Fatalities						Injuries					
	Helmet Not Worn		Helmet Worn		Unknown/Other		Helmet Not Worn		Helmet Worn		Unknown/Other	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Rural	13	65.00%	5	62.50%	1	50.00%	193	42.32%	55	54.46%	46	47.92%
Urban	7	35.00%	3	37.50%	1	50.00%	263	57.68%	46	45.54%	50	52.08%
Total	20	100.00%	8	100.00%	2	100.00%	456	100.00%	101	100.00%	96	100.00%

Motorcycle Fatalities & Injuries by Helmet Usage & Road System

Road System	Fatalities						Injuries					
	Helmet Not Worn		Helmet Worn		Unknown/Other		Helmet Not Worn		Helmet Worn		Unknown/Other	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Interstate/Freeway	0	0.00%	1	12.50%	0	0.00%	14	3.07%	14	13.86%	6	6.25%
U.S. or State Highway	13	65.00%	4	50.00%	1	50.00%	145	31.80%	37	36.63%	31	32.29%
County Road	1	5.00%	2	25.00%	0	0.00%	104	22.81%	19	18.81%	17	17.71%
City Street	6	30.00%	1	12.50%	1	50.00%	191	41.89%	31	30.69%	41	42.71%
Other	0	0.00%	0	0.00%	0	0.00%	2	0.44%	0	0.00%	1	1.04%
Total	20	100.00%	8	100.00%	2	100.00%	456	100.00%	101	100.00%	96	100.00%

Motorcycle Fatalities & Injuries by Helmet Usage & Posted Speed Limit

Posted Speed Limit	Fatalities						Injuries					
	Helmet Not Worn		Helmet Worn		Unknown/Other		Helmet Not Worn		Helmet Worn		Unknown/Other	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under 25	1	5.26%	0	0.00%	0	0.00%	10	2.19%	0	0.00%	0	0.00%
25 mph	4	21.05%	1	12.50%	0	0.00%	99	21.71%	12	11.88%	19	19.79%
30 mph	2	10.53%	0	0.00%	0	0.00%	56	12.28%	8	7.92%	7	7.29%
35 mph	2	10.53%	0	0.00%	0	0.00%	78	17.11%	12	11.88%	12	12.50%
40 mph	0	0.00%	0	0.00%	0	0.00%	11	2.41%	1	0.99%	4	4.17%
45 mph	0	0.00%	1	12.50%	0	0.00%	29	6.36%	11	10.89%	2	2.08%
50 mph	0	0.00%	0	0.00%	1	50.00%	11	2.41%	5	4.95%	2	2.08%
55 mph	10	52.63%	6	75.00%	1	50.00%	127	27.85%	34	33.66%	16	16.67%
85 mph	0	0.00%	0	0.00%	0	0.00%	12	2.63%	11	10.89%	2	2.08%
Unknown	0	0.00%	0	0.00%	0	0.00%	23	5.04%	7	6.93%	32	33.33%
Total	19	100.00%	8	100.00%	2	100.00%	456	100.00%	101	100.00%	96	100.00%

Motorcycle Fatalities & Injuries by County

Lyon 1 - 4	Osceola 0 - 1	Dickinson 0 - 2	Emmet 0 - 8	Kossuth 1 - 4	Winnebago 0 - 1	Worth 0 - 1	Mitchell 0 - 0	Howard 0 - 2	Winnesheik 0 - 4	Allamakee 0 - 5		
Sioux 0 - 6	O'Brien 0 - 3	Clay 0 - 2	Palo Alto 0 - 0		Hancock 0 - 0	Cerro Gordo 1 - 12	Floyd 0 - 2	Chickasaw 0 - 1	Fayette 0 - 8	Clayton 0 - 10		
Plymouth 0 - 8	Cherokee 0 - 3	Buena Vista 0 - 3	Pocahontas 0 - 0	Humboldt 0 - 8	Wright 0 - 6	Franklin 0 - 1	Butler 0 - 1	Bremer 0 - 4	Black Hawk 0 - 22	Buchanan 0 - 3	Delaware 0 - 5	Dubuque 1 - 26
Woodbury 1 - 19	Ida 0 - 1	Sac 1 - 3	Calhoun 0 - 3	Webster 0 - 14	Hamilton 0 - 4	Hardin 1 - 1	Grundy 1 - 4	Tama 1 - 6		Benton 0 - 7	Linn 1 - 37	Jones 0 - 4
Monona 0 - 3	Crawford 0 - 3	Carroll 0 - 2	Greene 0 - 1	Boone 1 - 8	Story 3 - 16	Marshall 0 - 11	Jasper 0 - 6	Poweshiek 0 - 4	Iowa 0 - 2	Johnson 2 - 34	Cedar 0 - 7	Clinton 0 - 16
Harrison 0 - 12	Shelby 0 - 3	Audubon 0 - 0	Guthrie 0 - 2	Dallas 0 - 3	Polk 2 - 69	Jasper 0 - 6	Poweshiek 0 - 4	Iowa 0 - 2	Johnson 2 - 34	Johnson 2 - 34	Scott 4 - 49	Muscatine 2 - 2
Pottawattamie 0 - 4	Cass 0 - 4	Adair 0 - 2	Madison 0 - 5	Warren 0 - 7	Marion 0 - 0	Mahaska 0 - 8	Keokuk 0 - 0	Washington 1 - 5	Louisa 0 - 4	Henry 0 - 1	Des Moines 0 - 12	
Mills 1 - 0	Montgomery 0 - 3	Adams 0 - 1	Union 0 - 0	Clarke 0 - 0	Lucas 0 - 2	Monroe 0 - 0	Wapello 0 - 7	Jefferson 0 - 3	Henry 0 - 1	Des Moines 0 - 12		
Fremont 0 - 0	Page 0 - 3	Taylor 0 - 0	Ringgold 0 - 5	Decatur 0 - 0	Wayne 0 - 1	Appanoose 1 - 4	Davis 0 - 0	Van Buren 1 - 1	Lee 0 - 13			

Fatalities: 30
Injuries: 653

Pedalcycles in Motor Vehicle Crashes



Out of 64,485 total crashes, one or more pedalcycles were involved in:

- 508 crashes (all types)
 - 6 fatal crashes
- 502 injury crashes
- 0 property damage crashes

- 6 riders were killed, or 01.22% of all fatalities
- 520 riders were injured, or 01.41% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Pedalcycles		All Others	
	Number	Percent	Number	Percent
Fatal	6	100.00%	0	0.00%
Major	72	98.63%	1	1.37%
Minor	288	96.97%	9	3.03%
Possible	160	95.24%	8	4.76%
Unknown	0	0.00%	0	0.00%
Total	526	96.69%	18	3.31%

This chart compares injury severity of pedalcyclists with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved pedalcycles.

Fatalities & Injuries by Protective Device

Protective Device Used by Pedalcyclists	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	5	83.33%	362	69.62%
Lap Belt	0	0.00%	0	0.00%
Lap & Shoulder Belt	0	0.00%	0	0.00%
Airbag Deployed	0	0.00%	0	0.00%
Child Restraint	0	0.00%	0	0.00%
Helmet	0	0.00%	6	1.15%
Passive Belt	0	0.00%	23	4.42%
Other	0	0.00%	0	0.00%
Unknown	1	16.67%	129	24.81%
Total	6	100.00%	520	100.00%

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	1	16.67%	128	24.62%
Male	5	83.33%	372	71.54%
Unknown	0	0.00%	20	3.85%
Total	6	100.00%	520	100.00%

Fatalities & Injuries by Position

Position of Pedalcyclists	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	0	0.00%	0	0.00%
Front Seat Passenger	0	0.00%	0	0.00%
Back Seat Passenger	0	0.00%	0	0.00%
Third+ Seat Passenger	0	0.00%	0	0.00%
Bus Passenger	0	0.00%	0	0.00%
Riding on Exterior	0	0.00%	0	0.00%
MC/Moped Driver	0	0.00%	0	0.00%
MC/Moped Passenger	0	0.00%	0	0.00%
Pedalcyclist	6	100.00%	520	100.00%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	0	0.00%
Total	6	100.00%	520	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	2	33.33%	284	54.62%
15	0	0.00%	19	3.65%
16	0	0.00%	13	2.50%
17	1	16.67%	13	2.50%
18	0	0.00%	5	0.96%
19	0	0.00%	7	1.35%
20	0	0.00%	11	2.12%
Total	3	50.00%	352	67.69%
All Ages				
14 & Under	2	33.33%	284	54.62%
15 to 24	2	33.33%	87	16.73%
25 to 34	0	0.00%	31	5.96%
35 to 44	1	16.67%	45	8.65%
45 to 54	1	16.67%	18	3.46%
55 to 64	0	0.00%	7	1.35%
65 to 74	0	0.00%	2	0.38%
75 & Over	0	0.00%	3	0.58%
Unknown	0	0.00%	43	8.27%
Total	6	100.00%	520	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Area of Injury

Area of Injury of Pedalcyclists	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	0	0.00%	37	7.12%
Lower Torso	0	0.00%	18	3.46%
Internal	0	0.00%	6	1.15%
Head	2	33.33%	52	10.00%
Arms	0	0.00%	35	6.73%
Legs	0	0.00%	110	21.15%
Multiple	2	33.33%	208	40.00%
Other/Unknown	2	33.33%	54	10.38%
Total	6	100.00%	520	100.00%

Pedalcycles in Motor Vehicle Crashes

Riders by Gender

Gender of Pedalcyclists	Pedalcyclists			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Female	1	16.67%	128	24.62%
Male	5	83.33%	372	71.54%
Unknown	0	0.00%	20	3.85%
Total	6	100.00%	520	100.00%

Riders by Condition

Condition of Pedalcyclists	Pedalcyclists			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Apparently Normal	5	83.33%	253	48.65%
Physical Defect	0	0.00%	1	0.19%
Fatigued	0	0.00%	0	0.00%
Apparently Asleep	0	0.00%	0	0.00%
Illness	0	0.00%	0	0.00%
Under Medication	0	0.00%	0	0.00%
Infirmities of Age	0	0.00%	0	0.00%
Drinking-Not Impaired	1	16.67%	3	0.58%
Drinking-Impaired	0	0.00%	4	0.77%
Drugs	0	0.00%	0	0.00%
Other	0	0.00%	5	0.96%
Unknown	0	0.00%	254	48.85%
Total	6	100.00%	520	100.00%

Ridres by Age Group

Age Group of Pedalcyclists	Pedalcyclists			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	2	33.33%	284	54.62%
15	0	0.00%	19	3.65%
16	0	0.00%	13	2.50%
17	1	16.67%	13	2.50%
18	0	0.00%	5	0.96%
19	0	0.00%	7	1.35%
20	0	0.00%	11	2.12%
Total	3	50.00%	352	67.69%
All Ages				
14 & Under	2	33.33%	284	54.62%
15 to 24	2	33.33%	87	16.73%
25 to 34	0	0.00%	31	5.96%
35 to 44	1	16.67%	45	8.65%
45 to 54	1	16.67%	18	3.46%
55 to 64	0	0.00%	7	1.35%
65 to 74	0	0.00%	2	0.38%
75 & Over	0	0.00%	3	0.58%
Unknown	0	0.00%	43	8.27%
Total	6	100.00%	520	100.00%

Under age 21 percentages based on total for all ages.

Contributing Circumstances

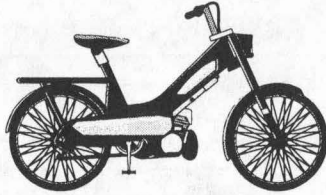
Contributing Circumstances	Pedalcycles			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
None Apparent	1	16.67%	93	16.55%
Ran Traffic signal	0	0.00%	10	1.78%
Ran Stop Sign	0	0.00%	20	3.56%
Passed Stopped School Bus	0	0.00%	0	0.00%
Improper Passing	1	16.67%	3	0.53%
Left of Center, Not Passing	0	0.00%	1	0.18%
FTYROW at Intersection	0	0.00%	7	1.25%
FTYROW From Stop Sign	1	16.67%	14	2.49%
FTYROW From Yield Sign	0	0.00%	1	0.18%
FTYROW Making Left Turn	0	0.00%	5	0.89%
FTYROW From Driveway	0	0.00%	6	1.07%
FTYROW From Parked	0	0.00%	1	0.18%
FTYROW to Pedestrian	0	0.00%	0	0.00%
FTYROW Other	0	0.00%	19	3.38%
Wrong Way/One-Way	0	0.00%	4	0.71%
Too Fast for Conditions	0	0.00%	3	0.53%
Exceeding Speed Limit	0	0.00%	1	0.18%
Drag Racing	0	0.00%	0	0.00%
Improper Turn	0	0.00%	2	0.36%
Improper Lane Change	0	0.00%	0	0.00%
Following Too Close	0	0.00%	0	0.00%
No/Improper Signal	0	0.00%	0	0.00%
Disregarded Railroad Signal	0	0.00%	0	0.00%
Disregarded Warning Signal	0	0.00%	1	0.18%
Reckless Driving	0	0.00%	2	0.36%
Improper Backing	0	0.00%	0	0.00%
Illegal/Improper Parking	0	0.00%	0	0.00%
Failure to Control Vehicle	0	0.00%	3	0.53%
Headlights Not On	0	0.00%	3	0.53%
Inattentive/Distracted	0	0.00%	25	4.45%
Confused	0	0.00%	1	0.18%
Vision Obscured	0	0.00%	19	3.38%
Oversized/Loaded Vehicle	0	0.00%	2	0.36%
Inexperienced Driver	0	0.00%	15	2.67%
Other	2	33.33%	34	6.05%
Unknown	1	16.67%	267	47.51%
Total	6	100.00%	562	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash.

Bicycle/Pedalcycle Action

Pedalcycle Action	Pedalcycles			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Going Straight	4	66.67%	242	46.54%
Turning Left	1	16.67%	19	3.65%
Turning Right	0	0.00%	12	2.31%
Making U-Turn	0	0.00%	3	0.58%
Passing	0	0.00%	0	0.00%
Changing Lanes	0	0.00%	3	0.58%
Merging	0	0.00%	0	0.00%
Parking	0	0.00%	0	0.00%
Slowing/Stopping	0	0.00%	2	0.38%
Backing	0	0.00%	0	0.00%
Stopped for Sign/Signal	0	0.00%	2	0.38%
Stopped in Traffic	0	0.00%	0	0.00%
Stalled in Traffic	0	0.00%	0	0.00%
Properly Parked	0	0.00%	0	0.00%
Improperly Parked	0	0.00%	0	0.00%
Unattended Moving Vehicle	0	0.00%	0	0.00%
Other	1	16.67%	17	3.27%
Unknown	0	0.00%	220	42.31%
Total	6	100.00%	520	100.00%

Mopeds & All Terrain Vehicles



Out of 64,485 total crashes, one or more mopeds or all terrain vehicles were involved in:

- 137 crashes (all types)
- 3 fatal crashes
- 110 injury crashes
- 24 property damage crashes

3 riders were killed, or 00.61% of all fatalities
115 riders were injured, or 00.31% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Mopeds		All Others	
	Number	Percent	Number	Percent
Fatal	3	100.00%	0	0.00%
Major	40	97.56%	1	2.44%
Minor	63	94.03%	4	5.97%
Possible	12	66.67%	6	33.33%
Unknown	0	0.00%	0	0.00%
Total	118	91.47%	11	8.53%

This chart compares injury severity of moped and all terrain vehicle riders with all other fatalities and injuries (i.e., occupants of other vehicles, pedestrians) in crashes that involved mopeds and all terrain vehicles.

Fatalities & Injuries by Protective Device

Protective Device	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	3	100.00%	88	76.52%
Lap Belt	0	0.00%	1	0.87%
Lap & Shoulder Belt	0	0.00%	7	6.09%
Airbag Deployed	0	0.00%	0	0.00%
Child Restraint	0	0.00%	0	0.00%
Helmet	0	0.00%	6	5.22%
Passive Belt	0	0.00%	0	0.00%
Other	0	0.00%	1	0.87%
Unknown	0	0.00%	12	10.43%
Total	3	100.00%	115	100.00%

Fatalities & Injuries by Gender

Gender of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	1	33.33%	24	20.87%
Male	2	66.67%	91	79.13%
Unknown	0	0.00%	0	0.00%
Total	3	100.00%	115	100.00%

Fatalities & Injuries by Position

Position in Vehicle	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Driver	2	66.67%	41	35.65%
Front Seat Passenger	0	0.00%	0	0.00%
Back Seat Passenger	0	0.00%	0	0.00%
Third+ Seat Passenger	0	0.00%	0	0.00%
Bus Passenger	0	0.00%	0	0.00%
Riding on Exterior	0	0.00%	0	0.00%
MC/Moped Driver	0	0.00%	60	52.17%
MC/Moped Passenger	0	0.00%	5	4.35%
Pedalcyclist	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	1	33.33%	9	7.83%
Total	3	100.00%	115	100.00%

Fatalities & Injuries by Age Group

Age Group of Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	43	37.39%
15	0	0.00%	15	13.04%
16	0	0.00%	9	7.83%
17	0	0.00%	2	1.74%
18	0	0.00%	3	2.61%
19	0	0.00%	6	5.22%
20	0	0.00%	4	3.48%
Total Under 21*	0	0.00%	82	71.30%
All Ages				
14 & Under	0	0.00%	43	37.39%
15 to 24	1	33.33%	47	40.87%
25 to 34	0	0.00%	8	6.96%
35 to 44	0	0.00%	5	4.35%
45 to 54	1	33.33%	4	3.48%
55 to 64	0	0.00%	2	1.74%
65 to 74	0	0.00%	0	0.00%
75 & Over	1	33.33%	4	3.48%
Unknown	0	0.00%	2	1.74%
Total	3	100.00%	115	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Area of Injury

Area of Injury	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	0	0.00%	8	6.96%
Lower Torso	0	0.00%	2	1.74%
Internal	0	0.00%	2	1.74%
Head	1	33.33%	16	13.91%
Arms	0	0.00%	7	6.09%
Legs	0	0.00%	16	13.91%
Multiple	2	66.67%	56	48.70%
Other/Unknown	0	0.00%	8	6.96%
Total	3	100.00%	115	100.00%

Mopeds & All Terrain Vehicles

Drivers by Gender

Gender of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Female	2	66.67%	24	17.39%
Male	1	33.33%	111	80.43%
Unknown	0	0.00%	3	2.17%
Total	3	100.00%	138	100.00%

Drivers by Age Group

Age Group of Driver	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	46	33.33%
15	0	0.00%	14	10.14%
16	0	0.00%	6	4.35%
17	0	0.00%	5	3.62%
18	0	0.00%	7	5.07%
19	0	0.00%	5	3.62%
20	0	0.00%	2	1.45%
Total Under 21*	0	0.00%	85	61.59%
All Ages				
14 & Under	0	0.00%	46	33.33%
15 to 24	1	33.33%	48	34.78%
25 to 34	0	0.00%	15	10.87%
35 to 44	1	33.33%	12	8.70%
45 to 54	0	0.00%	7	5.07%
55 to 64	0	0.00%	2	1.45%
65 to 74	0	0.00%	0	0.00%
75 & Over	1	33.33%	2	1.45%
Unknown	0	0.00%	6	4.35%
Total	3	100.00%	138	100.00%

Under age 21 percentages based on total for all ages.

Vehicle Action

Vehicle Action	Vehicles in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Going Straight	3	100.00%	102	73.38%
Turning Left	0	0.00%	5	3.60%
Turning Right	0	0.00%	4	2.88%
Making U-Turn	0	0.00%	3	2.16%
Passing	0	0.00%	1	0.72%
Changing Lanes	0	0.00%	0	0.00%
Merging	0	0.00%	1	0.72%
Parking	0	0.00%	0	0.00%
Slowing/Stopping	0	0.00%	3	2.16%
Backing	0	0.00%	5	3.60%
Stopped for Sign/Signal	0	0.00%	0	0.00%
Stopped in Traffic	0	0.00%	3	2.16%
Stalled in Traffic	0	0.00%	0	0.00%
Properly Parked	0	0.00%	1	0.72%
Improperly Parked	0	0.00%	0	0.00%
Unattended Moving Vehicle	0	0.00%	0	0.00%
Other	0	0.00%	10	7.19%
Unknown	0	0.00%	1	0.72%
Total	3	100.00%	139	100.00%

Drivers by Condition

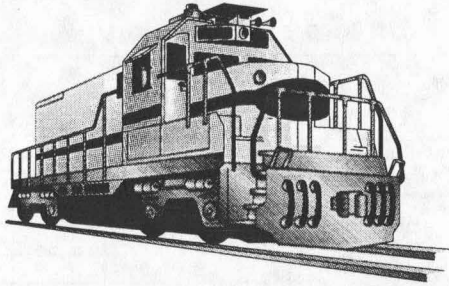
Driver Condition	Drivers in Crashes			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
Apparently Normal	1	33.33%	106	76.81%
Physical Defect	0	0.00%	0	0.00%
Fatigued	0	0.00%	0	0.00%
Apparently Asleep	0	0.00%	0	0.00%
Illness	0	0.00%	0	0.00%
Under Medication	0	0.00%	0	0.00%
Infirmities of Age	1	33.33%	0	0.00%
Drinking-Not Impaired	0	0.00%	1	0.72%
Drinking-Impaired	1	33.33%	4	2.90%
Drugs	0	0.00%	0	0.00%
Other	0	0.00%	1	0.72%
Unknown	0	0.00%	26	18.84%
Total	3	100.00%	138	100.00%

Driver/Vehicle Related Circumstances

Contributing Circumstances	Moped Drivers			
	Fatal		Injury/Property	
	Number	Percent	Number	Percent
None Apparent	1	25.00%	40	23.26%
Ran Traffic Signal	0	0.00%	1	0.58%
Ran Stop Sign	0	0.00%	3	1.74%
Passed Stopped School Bus	0	0.00%	0	0.00%
Improper Passing	0	0.00%	0	0.00%
Left of Center, Not Passing	0	0.00%	1	0.58%
FTYROW at Intersection	0	0.00%	2	1.16%
FTYROW From Stop Sign	0	0.00%	1	0.58%
FTYROW From Yield Sign	0	0.00%	0	0.00%
FTYROW Making Left Turn	0	0.00%	0	0.00%
FTYROW From Driveway	0	0.00%	3	1.74%
FTYROW From Parked	0	0.00%	0	0.00%
FTYROW to Pedestrian	0	0.00%	1	0.58%
FTYROW Other	0	0.00%	2	1.16%
Wrong Way/One-Way	0	0.00%	0	0.00%
Too Fast for Conditions	1	25.00%	5	2.91%
Exceeding Speed Limit	0	0.00%	0	0.00%
Drag Racing	0	0.00%	0	0.00%
Improper Turn	1	25.00%	1	0.58%
Improper Lane Change	0	0.00%	0	0.00%
Following Too Close	0	0.00%	1	0.58%
No/Improper Signal	0	0.00%	0	0.00%
Disregarded Railroad Signal	0	0.00%	0	0.00%
Disregarded Warning Signal	0	0.00%	0	0.00%
Reckless Driving	0	0.00%	3	1.74%
Improper Backing	0	0.00%	1	0.58%
Illegal/Improper Parking	0	0.00%	0	0.00%
Failure to Control Vehicle	1	25.00%	30	17.44%
Headlights Not On	0	0.00%	1	0.58%
Inattentive/Distracted	0	0.00%	13	7.56%
Confused	0	0.00%	1	0.58%
Vision Obscured	0	0.00%	3	1.74%
Oversized/Loaded Vehicle	0	0.00%	3	1.74%
Inexperienced Driver	0	0.00%	15	8.72%
Other	0	0.00%	16	9.30%
Unknown	0	0.00%	25	14.53%
Total	4	100.00%	172	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash.

Motor Vehicle & Train Crashes



Out of 64,485 total crashes, motor vehicles & trains were involved
 74 crashes (involving 74 vehicles & 74 trains)
 4 fatal crashes (involving 4 vehicles & 4 trains)
 36 injury crashes (involving 36 vehicles & 36 trains)
 34 property damage crashes (involving 34 vehicles & 34 trains)

0 train occupants were killed, or 00.00% of all fatalities
 4 vehicle occupants were killed, or 00.82% of all fatalities
 2 train occupants were injured, or 00.12% of all injuries
 45 vehicle occupants were injured, or 00.12% of all injuries
 1 pedestrian was injured, or 00.01% of all injuries

Injury Severity of All Persons Involved

Severity of Injury	Fatalities & Injuries			
	Trains		All Others	
	Number	Percent	Number	Percent
Fatal	0	0.00%	4	100.00%
Major	0	0.00%	12	100.00%
Minor	2	9.09%	20	90.91%
Possible	0	0.00%	14	100.00%
Unknown	0	0.00%	0	0.00%
Total	2	3.85%	50	96.15%

This chart compares injury severity of train occupants with motor vehicle occupants in crashes that involved trains.

Fatalities & Injuries by Protective Device

Protective Device Used by Motor Vehicle Occupants	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
None	2	50.00%	10	21.28%
Lap Belt	0	0.00%	3	6.38%
Lap & Shoulder Belt	0	0.00%	16	34.04%
Airbag Deployed	0	0.00%	1	2.13%
Child Restraint	0	0.00%	0	0.00%
Helmet	0	0.00%	0	0.00%
Passive Belt	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	2	50.00%	17	36.17%
Total	4	100.00%	47	100.00%

Does not include pedestrians or non-vehicle/non-pedestrians.

Fatalities & Injuries by Gender

Gender of Non-Train Occupants Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Female	2	50.00%	14	29.17%
Male	2	50.00%	34	70.83%
Unknown	0	0.00%	0	0.00%
Total	4	100.00%	48	100.00%

Fatalities & Injuries by Position

Position of Non-Train Occupants	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Bicycle	0	0.00%	0	0.00%
Exterior of Vehicle	0	0.00%	0	0.00%
Motorcycle/Moped Driver	0	0.00%	0	0.00%
Non-Vehicle/Pedestrian	0	0.00%	2	4.17%
Unknown Vehicle Position	0	0.00%	0	0.00%
Pedestrian	0	0.00%	1	2.08%
Motorcycle/Moped Passenger	0	0.00%	0	0.00%
Other Vehicle Position	0	0.00%	0	0.00%
Bus Passenger	0	0.00%	0	0.00%
Driver	2	50.00%	35	72.92%
Passenger	2	50.00%	10	20.83%
Total	4	100.00%	48	100.00%

Fatalities & Injuries by Age Group

Age Group of Non-Train Occupants Killed & Injured	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	4	8.33%
15	0	0.00%	1	2.08%
16	0	0.00%	2	4.17%
17	0	0.00%	2	4.17%
18	0	0.00%	4	8.33%
19	0	0.00%	3	6.25%
20	0	0.00%	1	2.08%
Total	0	0.00%	17	35.42%
All Ages				
14 & Under	0	0.00%	4	8.33%
15 to 24	1	25.00%	19	39.58%
25 to 34	1	25.00%	6	12.50%
35 to 44	2	50.00%	5	10.42%
45 to 54	0	0.00%	6	12.50%
55 to 64	0	0.00%	6	12.50%
65 to 74	0	0.00%	1	2.08%
75 & Over	0	0.00%	1	2.08%
Unknown	0	0.00%	0	0.00%
Total	4	100.00%	48	100.00%

Under age 21 percentages based on total for all ages.

Fatalities & Injuries by Area of Injury

Area of Injury of Non-Train Occupants	Fatalities & Injuries			
	Killed		Injured	
	Number	Percent	Number	Percent
Upper Torso	0	0.00%	10	20.83%
Lower Torso	0	0.00%	1	2.08%
Internal	0	0.00%	0	0.00%
Head	0	0.00%	7	14.58%
Arms	0	0.00%	1	2.08%
Legs	0	0.00%	6	12.50%
Multiple	4	100.00%	21	43.75%
Other/Unknown	0	0.00%	2	4.17%
Total	4	100.00%	48	100.00%

Motor Vehicle & Train Crashes

Drivers by Gender

Gender of Motor Vehicle Drivers	Drivers in			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Female	1	25.00%	12	33.33%
Male	3	75.00%	23	63.89%
Unknown	0	0.00%	1	2.78%
Total	4	100.00%	36	100.00%

Drivers by Age Group

Age Group of Motor Vehicle Drivers	Drivers in			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	1	2.78%
15	0	0.00%	0	0.00%
16	0	0.00%	2	5.56%
17	0	0.00%	1	2.78%
18	0	0.00%	4	11.11%
19	0	0.00%	2	5.56%
20	0	0.00%	1	2.78%
Total	0	0.00%	11	30.56%
All Ages				
14 & Under	0	0.00%	0	0.00%
15 to 24	1	25.00%	17	47.22%
25 to 34	1	25.00%	5	13.89%
35 to 44	0	0.00%	4	11.11%
45 to 54	1	25.00%	4	11.11%
55 to 64	1	25.00%	4	11.11%
65 to 74	0	0.00%	1	2.78%
75 & Over	0	0.00%	1	2.78%
Unknown	0	0.00%	0	0.00%
Total	4	100.00%	36	100.00%

Under age 21 percentages based on total for all ages.

Vehicle Action

Motor Vehicle Action	Vehicles in			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Going Straight	4	100.00%	34	94.44%
Turning Left	0	0.00%	0	0.00%
Turning Right	0	0.00%	0	0.00%
Making U-Turn	0	0.00%	0	0.00%
Passing	0	0.00%	0	0.00%
Changing Lanes	0	0.00%	0	0.00%
Merging	0	0.00%	0	0.00%
Parking	0	0.00%	0	0.00%
Slowing/Stopping	0	0.00%	0	0.00%
Backing	0	0.00%	1	2.78%
Stopped for Sign/Signal	0	0.00%	0	0.00%
Stopped in Traffic	0	0.00%	0	0.00%
Stalled in Traffic	0	0.00%	0	0.00%
Properly Parked	0	0.00%	0	0.00%
Improperly Parked	0	0.00%	0	0.00%
Unattended Moving Vehicle	0	0.00%	0	0.00%
Other	0	0.00%	1	2.78%
Unknown	0	0.00%	0	0.00%
Total	4	100.00%	36	100.00%

Drivers by Condition

Motor Vehicle Driver Condition	Drivers in			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Apparently Normal	2	50.00%	24	66.67%
Physical Defect	0	0.00%	0	0.00%
Fatigued	0	0.00%	0	0.00%
Apparently Asleep	0	0.00%	1	2.78%
Illness	0	0.00%	0	0.00%
Under Medication	0	0.00%	0	0.00%
Infirmities of Age	0	0.00%	1	2.78%
Drinking-Not Impaired	0	0.00%	1	2.78%
Drinking-Impaired	1	25.00%	6	16.67%
Drugs	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	1	25.00%	3	8.33%
Total	4	100.00%	36	100.00%

Driver/Vehicle Related Circumstances

Contributing Circumstances	Drivers/Vehicles in			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
None Apparent	0	0.00%	8	17.78%
Ran Traffic signal	0	0.00%	0	0.00%
Ran Stop Sign	0	0.00%	1	2.22%
Passed Stopped School Bus	0	0.00%	1	2.22%
Improper Passing	0	0.00%	0	0.00%
Left of Center, Not Passing	0	0.00%	0	0.00%
FTYROW at Intersection	0	0.00%	0	0.00%
FTYROW From Stop Sign	1	16.67%	2	4.44%
FTYROW From Yield Sign	0	0.00%	0	0.00%
FTYROW Making Left Turn	0	0.00%	0	0.00%
FTYROW From Driveway	0	0.00%	0	0.00%
FTYROW From Parked	0	0.00%	0	0.00%
FTYROW to Pedestrian	0	0.00%	0	0.00%
FTYROW Other	1	16.67%	2	4.44%
Wrong Way/One-Way	0	0.00%	0	0.00%
Too Fast for Conditions	0	0.00%	1	2.22%
Exceeding Speed Limit	0	0.00%	1	2.22%
Drag Racing	0	0.00%	0	0.00%
Improper Turn	0	0.00%	1	2.22%
Improper Lane Change	0	0.00%	0	0.00%
Following Too Close	0	0.00%	0	0.00%
No/Improper Signal	0	0.00%	0	0.00%
Disregarded Railroad Signal	1	16.67%	7	15.56%
Disregarded Warning Signal	1	16.67%	6	13.33%
Reckless Driving	0	0.00%	0	0.00%
Improper Backing	0	0.00%	0	0.00%
Illegal/Improper Parking	0	0.00%	1	2.22%
Failure to Control Vehicle	0	0.00%	4	8.89%
Headlights Not On	0	0.00%	0	0.00%
Inattentive/Distracted	2	33.33%	5	11.11%
Confused	0	0.00%	0	0.00%
Vision Obscured	0	0.00%	1	2.22%
Oversized/Loaded Vehicle	0	0.00%	0	0.00%
Inexperienced Driver	0	0.00%	0	0.00%
Other	0	0.00%	4	8.89%
Unknown	0	0.00%	0	0.00%
Total	6	100.00%	45	100.00%

Up to two circumstances may be listed for each driver/vehicle involved in a crash.

Motor Vehicle & Train Crashes

Month

Month	Crashes			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
January	0	0.00%	4	11.11%
February	1	25.00%	2	5.56%
March	0	0.00%	1	2.78%
April	1	25.00%	3	8.33%
May	0	0.00%	2	5.56%
June	1	25.00%	2	5.56%
July	0	0.00%	5	13.89%
August	0	0.00%	4	11.11%
September	0	0.00%	4	11.11%
October	1	25.00%	2	5.56%
November	0	0.00%	2	5.56%
December	0	0.00%	5	13.89%
Total	4	100.00%	36	100.00%

Driver's Vision Obstruction

Driver's Vision Obstruction	Motor Vehicle Drivers			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
No Obstruction	4	100.00%	31	86.11%
Vegetation	0	0.00%	1	2.78%
Buildings	0	0.00%	0	0.00%
Embankment	0	0.00%	1	2.78%
Sign/Billboard	0	0.00%	0	0.00%
Hillcrest	0	0.00%	0	0.00%
Parked Vehicle	0	0.00%	0	0.00%
Moving Vehicle	0	0.00%	0	0.00%
Person/Object In/on Vehicle	0	0.00%	0	0.00%
Blinded by Sun/Headlights	0	0.00%	0	0.00%
Frosted Windows	0	0.00%	0	0.00%
Blowing Snow	0	0.00%	1	2.78%
Fog/Smoke/Dust	0	0.00%	1	2.78%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	1	2.78%
Total	4	100.00%	36	100.00%

Day of Week

Day of Week	Crashes			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Sunday	1	25.00%	9	25.00%
Monday	0	0.00%	3	8.33%
Tuesday	0	0.00%	3	8.33%
Wednesday	0	0.00%	7	19.44%
Thursday	0	0.00%	2	5.56%
Friday	3	75.00%	3	8.33%
Saturday	0	0.00%	9	25.00%
Total	4	100.00%	36	100.00%

Posted Speed Limit

Posted Speed Limit for Motor Vehicle	Motor Vehicles			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Under 25 mph	0	0.00%	2	5.56%
25 mph	0	0.00%	10	27.78%
30 mph	0	0.00%	1	2.78%
35 mph	0	0.00%	4	11.11%
40 mph	0	0.00%	0	0.00%
45 mph	0	0.00%	1	2.78%
50 mph	0	0.00%	3	8.33%
55 mph	4	100.00%	14	38.89%
60 mph	0	0.00%	0	0.00%
65 mph	0	0.00%	0	0.00%
Unknown	0	0.00%	1	2.78%
Total	4	100.00%	36	100.00%

Time of Day

Time of Day	Crashes			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Midnight to 3:00 am	0	0.00%	5	13.89%
3:00 am to 5:59 am	0	0.00%	2	5.56%
6:00 am to 8:59 am	0	0.00%	3	8.33%
9:00 am to 11:59 am	2	50.00%	4	11.11%
NOON to 2:59 pm	2	50.00%	6	16.67%
3:00 pm to 5:59 pm	0	0.00%	9	25.00%
6:00 to pm 8:59 pm	0	0.00%	5	13.89%
9:00 pm to 11:59 pm	0	0.00%	2	5.56%
Unknown	0	0.00%	0	0.00%
Total	4	100.00%	36	100.00%

Type of Traffic Control

Type of Traffic Controls for Motor Vehicle	Motor Vehicles			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
No Controls	0	0.00%	2	5.56%
Signals	0	0.00%	1	2.78%
Stop Signs	1	25.00%	4	11.11%
Yield Signs	0	0.00%	0	0.00%
Warning Sign	0	0.00%	2	5.56%
School Signals	0	0.00%	0	0.00%
No Passing Zones	0	0.00%	0	0.00%
School Stop Signs	0	0.00%	0	0.00%
School Bus Stop Arms	0	0.00%	0	0.00%
Railroad Warning Signs	3	75.00%	21	58.33%
Railroad Signals	0	0.00%	4	11.11%
Railroad Crossing Gates	0	0.00%	2	5.56%
Pease Officer	0	0.00%	0	0.00%
Non-Functioning Signals	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	0	0.00%
Total	4	100.00%	36	100.00%

Motor Vehicle & Train Crashes

Rural/Urban Classification

Rural/Urban Classification	Crashes			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Rural	4	100.00%	24	66.67%
Urban	0	0.00%	12	33.33%
Total	4	100.00%	36	100.00%

Type of Traffic Way

Type of Traffic Way	Crashes			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
One Lane	0	0.00%	0	0.00%
Two Lanes	4	100.00%	33	91.67%
Three Lanes	0	0.00%	0	0.00%
Four+ Lanes Undivided	0	0.00%	1	2.78%
Four+ Lanes Divided	0	0.00%	0	0.00%
Alley	0	0.00%	0	0.00%
Driveway	0	0.00%	0	0.00%
Other	0	0.00%	2	5.56%
Unknown	0	0.00%	0	0.00%
Total	4	100.00%	36	100.00%

Light Conditions

Light Conditions	Crashes			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Daylight	4	100.00%	24	66.67%
Dusk	0	0.00%	0	0.00%
Dawn	0	0.00%	0	0.00%
Darkness, Lighted	0	0.00%	4	11.11%
Darkness, Not Lighted	0	0.00%	8	22.22%
Unknown	0	0.00%	0	0.00%
Total	4	100.00%	36	100.00%

Weather Conditions

Weather Conditions	Weather Conditions			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Clear	3	75.00%	27	67.50%
Cloudy	1	25.00%	4	10.00%
Fog	0	0.00%	0	0.00%
Mist	0	0.00%	1	2.50%
Rain	0	0.00%	3	7.50%
Sleet/Hail	0	0.00%	0	0.00%
Snow	0	0.00%	1	2.50%
Strong Wind	0	0.00%	2	5.00%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	2	5.00%
Total	4	100.00%	40	100.00%

Type of Area/District

Type of Area/District	Crashes			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Business	0	0.00%	10	27.78%
Manufacturing	0	0.00%	2	5.56%
Residential	0	0.00%	5	13.89%
School/Playground	0	0.00%	1	2.78%
Recreational	0	0.00%	0	0.00%
Open Country	4	100.00%	18	50.00%
Private Property	0	0.00%	0	0.00%
Other	0	0.00%	0	0.00%
Unknown	0	0.00%	0	0.00%
Total	4	100.00%	36	100.00%

Up to two weather conditions may be listed for each crash.

Type of Road System

Road System	Crashes			
	Fatal Crashes		Injury Crashes	
	Number	Percent	Number	Percent
Interstate or Freeway	0	0.00%	0	0.00%
U.S. or State Highway	0	0.00%	2	5.56%
County Road	4	100.00%	19	52.78%
City Street	0	0.00%	14	38.89%
Other	0	0.00%	1	2.78%
Unknown	0	0.00%	0	0.00%
Total	4	100.00%	36	100.00%

Glossary

Crash Rate The number of crashes per vehicle miles traveled.

Alcohol-Related A crash where either a driver, pedalcyclist or pedestrian is listed on the motor vehicle crash report as drinking prior to the crash.

BAC Blood alcohol content; the percent of alcohol measured in blood.

Fatal Crash A crash in which one or more persons are killed.

Fatality A person killed as a result of a crash.

Fatality Rate The number of fatalities per vehicle miles traveled.

FTYROW (Failed to Yield Right-of-Way) Used in Driver/Vehicle Related Contributing Circumstances (e.g., Failed to Yield Right-of-way from Stop Sign).

Maintenance & Construction Vehicles Large motorized vehicles used for maintenance, building or construction (e.g., snowplows, graders, dump trucks, mobile cranes, garbage trucks).

Injury Crash A crash in which no one is killed, but one or more persons are injured.

Non-Vehicle/Non-Pedestrian Persons who are not an occupant or rider of a vehicle, nor would they be considered a pedestrian (e.g., rider of a horse, occupant of a buggy pulled by an animal, occupant of a train or a building).

Motor Home A large motor vehicle equipped as living quarters and most often used in camping (e.g., Gulfstream, Winnebago).
See also recreational vehicle.

Occupant Restraints Safety belts, child safety seats or passive restraints. *See also protective devices.*

Pedalcycle Any vehicle propelled solely by human-powered pedals (e.g., bicycle, tricycle, big wheel).

Property Crash A crash in which no one is killed or injured, but there is property damage of \$1,000 or more.

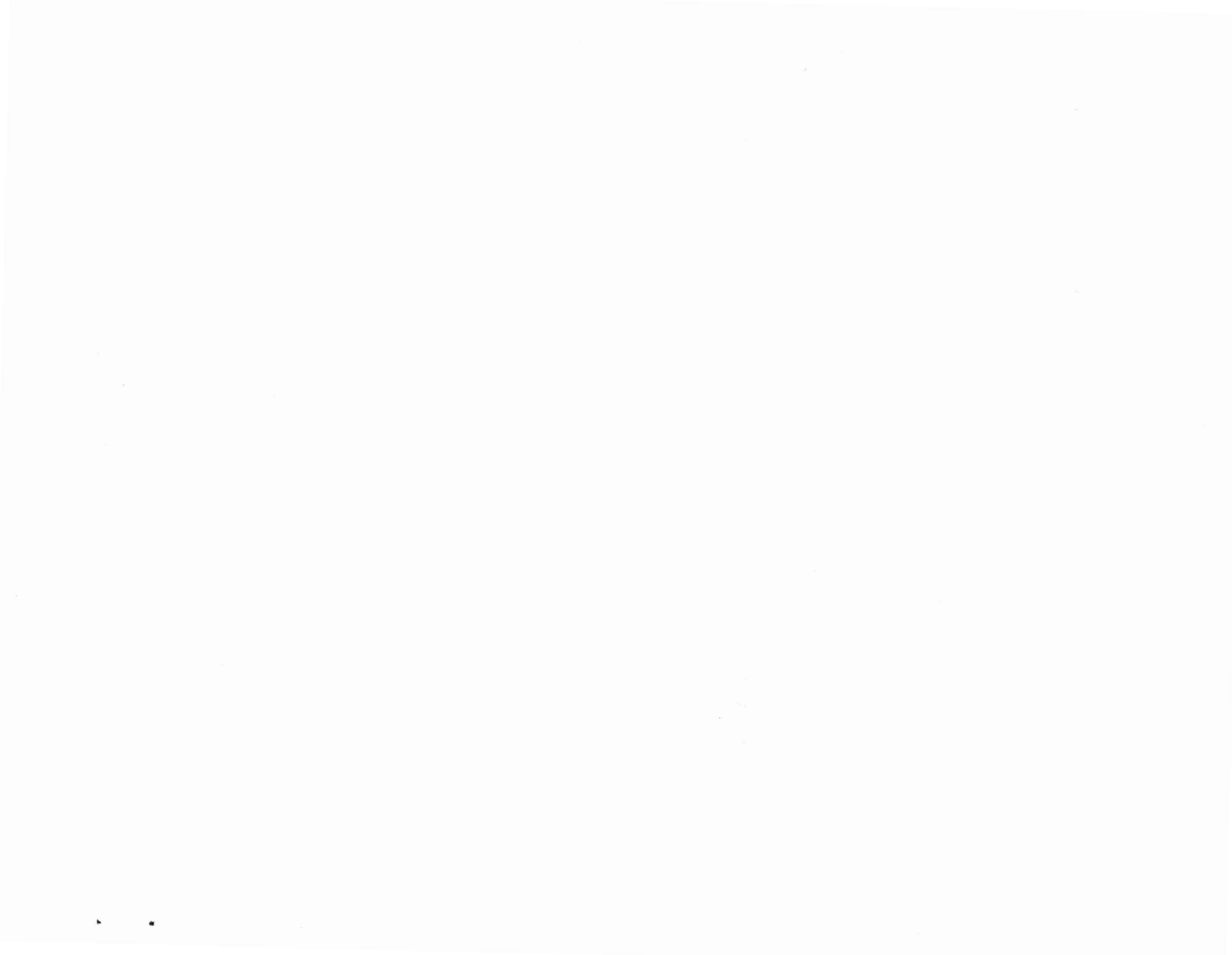
Protective Devices May include seat belts, lap and shoulder belts, child restraints, air bags, helmets and passive belts. On the current reporting form there is no standardized reporting system for air bag deployment. Therefore, air bag deployment is included at the officer's discretion.

Recreational Vehicle A motorized vehicle with an unenclosed driver/passenger area most often driven off-road and used for sport and recreational purposes (e.g., all-terrain vehicles, four-wheelers). *See also motor home.*

Sport Utility Vehicle (SUV) A large motor vehicle where the passenger and cargo area are enclosed in a single compartment (e.g., Ford Bronco, Jeep Cherokee, Chevy Blazer).

Traffic Crash Iowa law requires motorists to report any motor vehicle crash which involved one or more vehicles and results in death, injury or property damage of at least \$1,000. The information in this report is based only on those crashes which occur on public roads.

Vans This includes panel trucks and passenger, commercial and step vans.



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