

1998 Iowa Crash Summary



**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 1998" published by the U.S. Department of Transportation's National Highway Traffic Safety Administration.

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General Summary

1998 Fast Facts—A General Summary of Motor Vehicle Crashes in Iowa

In Iowa there were . . .

1 crash every 8.00 minutes.

1 driver out of 19.51 involved in a crash.

1.23 lives lost each day because of traffic crashes;
A total of 449 lives were lost in 1998.

103.18 persons were injured each day because of traffic crashes;
A total of 37,659 persons were injured in 1998.

In Iowa, motor vehicle crashes decreased 10.45% in 1998 from the 71,512 crashes recorded in 1997;
Fatalities decreased 4.06% from the 468 fatalities recorded in 1997.

Nationally there were . . .

41,471 fatalities, a 1.29% decrease from the 42,013 fatalities in 1997;
37,081 fatal crashes, a 0.65% decrease from the 37,324 fatal crashes in 1997.

Summary of All Crashes

Type of Crash & Crash Victim		All Crashes	Fatal Crashes	Personal Injury Crashes	Property Damage Crashes
Total Number of Crashes		64,041	386	24,471	39,184
Total Number of Fatalities		449	449		
Total Number of Injuries		37,659	466	37,193	
Total Number of Vehicles		113,637	687	45,360	67,590
Vehicle Occupants	Involved	165,543	1,065	70,002	94,476
	Killed	424	424		
	Injured	36,945	462	36,483	
Vehicle Drivers	Involved	107,181	661	43,809	62,711
	Killed	294	294		
	Injured	25,245	240	25,005	
Vehicle Passengers	Involved	58,362	404	26,193	31,765
	Killed	130	130		
	Injured	11,700	222	11,478	
Pedestrians	Involved	739	29	710	
	Killed	25	25		
	Injured	714	4	710	

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.

General Summary

Summary of Alcohol-Related Crashes

Type of Alcohol-Related Crash & Crash Victim		All Crashes	Fatal Crashes	Personal Injury Crashes	Property Damage Crashes
Total Number of Crashes		2,671	104	1,504	1,063
Total Number of Fatalities		114	114		
Total Number of Injuries		2,406	93	2,313	
Total Number of Vehicles		4,204	144	2,316	1,744
Vehicle Occupants	Involved	5,853	223	3,461	2,169
	Killed	111	111		
	Injured	2,353	92	2,261	
Vehicle Drivers	Involved	3,747	142	2,158	1,447
	Killed	79	79		
	Injured	1,528	45	1,483	
Vehicle Passengers	Involved	2,106	81	1,303	722
	Killed	32	32		
	Injured	825	47	778	
Pedestrians	Involved	56	4	52	
	Killed	3	3		
	Injured	53	1	52	

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.

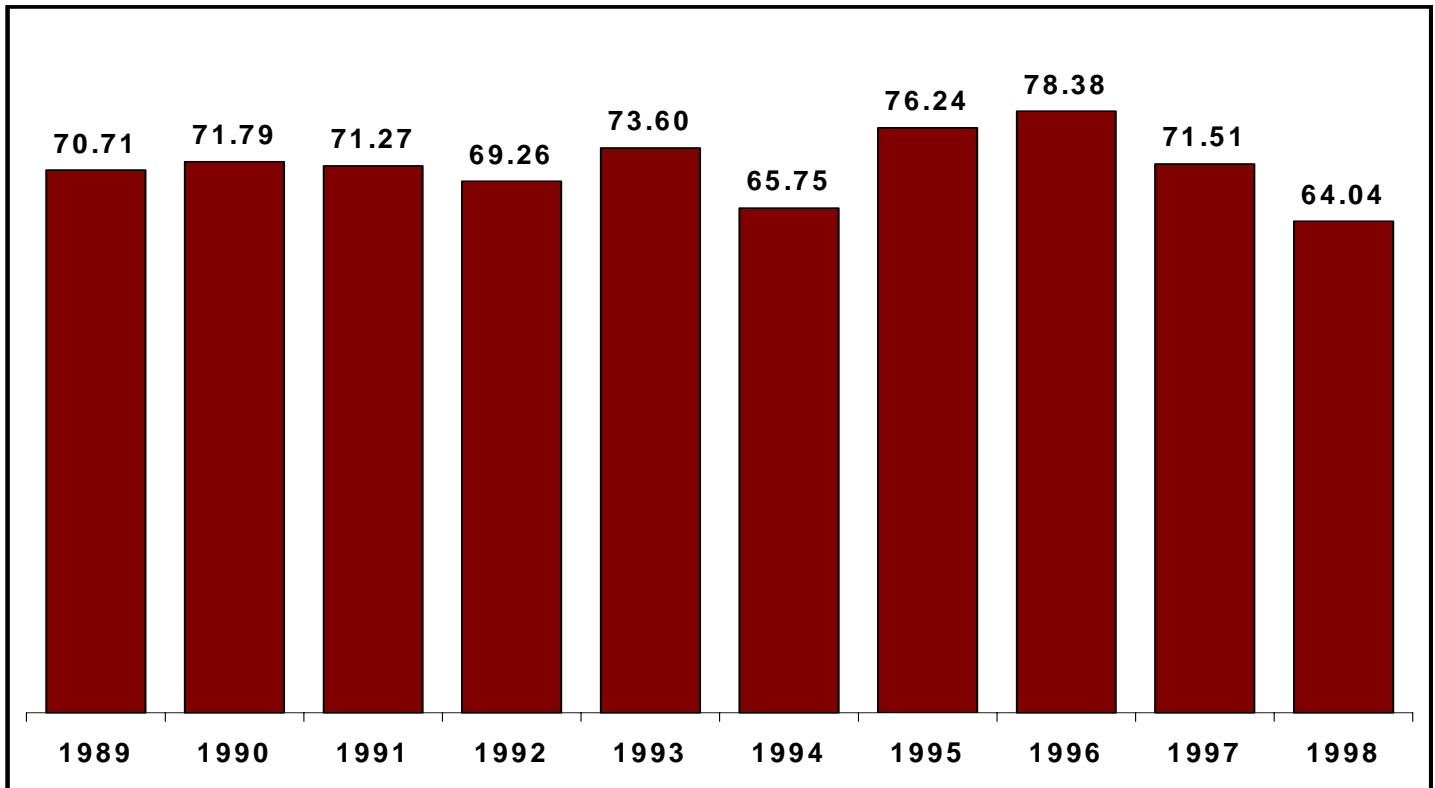
Summary of Protective Device Usage

Protective Device Used	Severity of Injury									
	Fatal		Major		Minor		Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
None Used	181	42.69%	911	27.27%	3,161	10.19%	189	7.32%	4,442	11.89%
Lap Belt	9	2.12%	77	2.30%	920	2.97%	41	1.59%	1,047	2.80%
Lap & Shoulder Belt	117	27.59%	878	26.28%	8,750	28.21%	361	13.99%	10,106	27.04%
Airbag Deployed	11	2.59%	64	1.92%	387	1.25%	16	0.62%	478	1.28%
Child Restraint	1	0.24%	3	0.09%	149	0.48%	29	1.12%	182	0.49%
Helmet	2	0.47%	35	1.05%	58	0.19%	3	0.12%	98	0.26%
Passive Restraint	4	0.94%	8	0.24%	36	0.12%	3	0.12%	51	0.14%
Other	8	1.89%	14	0.42%	64	0.21%	5	0.19%	91	0.24%
Unknown	91	21.46%	1,351	40.44%	17,497	56.40%	1,934	74.93%	20,873	55.86%
Total	424	100.00%	3,341	100.00%	31,022	100.00%	2,581	100.00%	37,368	100.00%

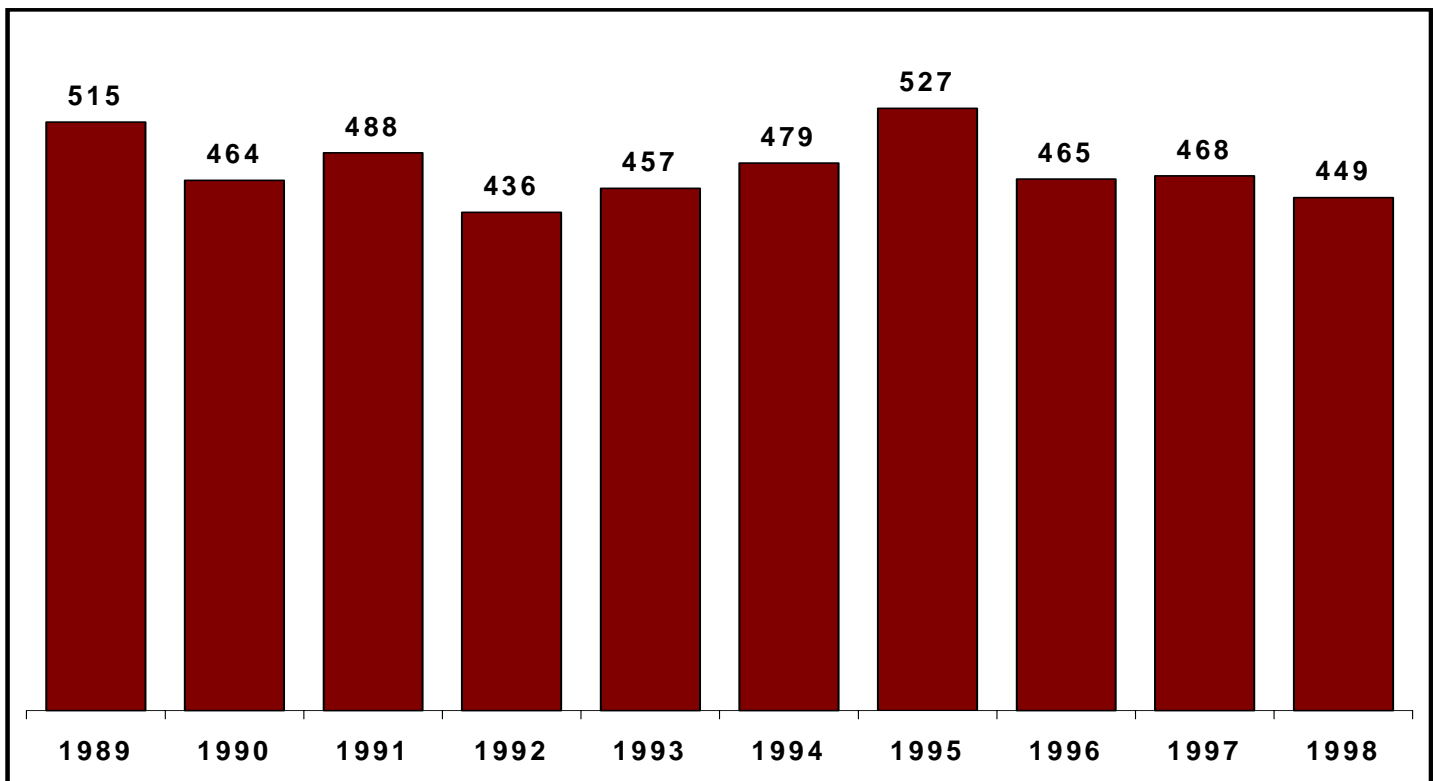
NOTE: Does not include pedestrians.

10-Year Iowa Statistics

All Crashes In Thousands

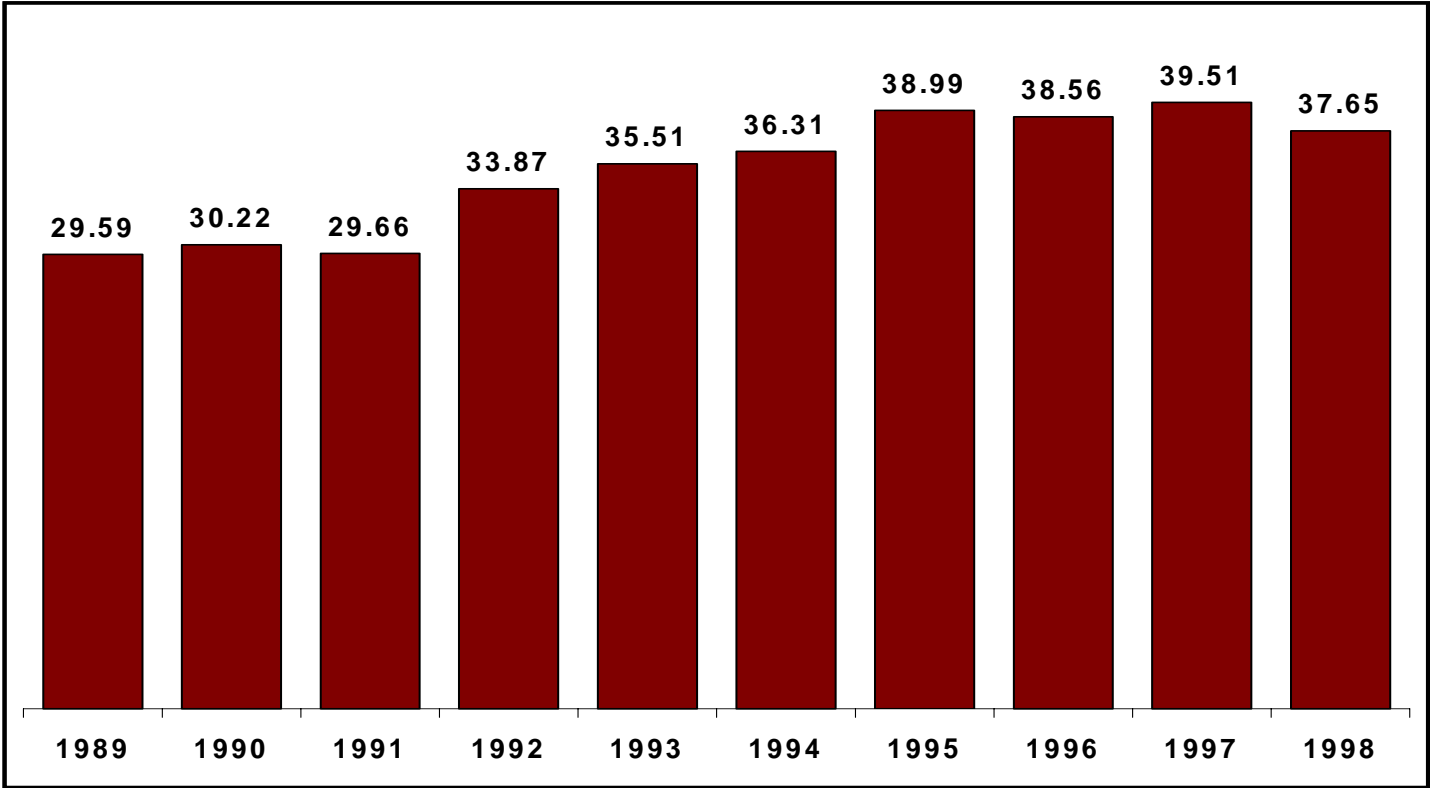


Fatalities

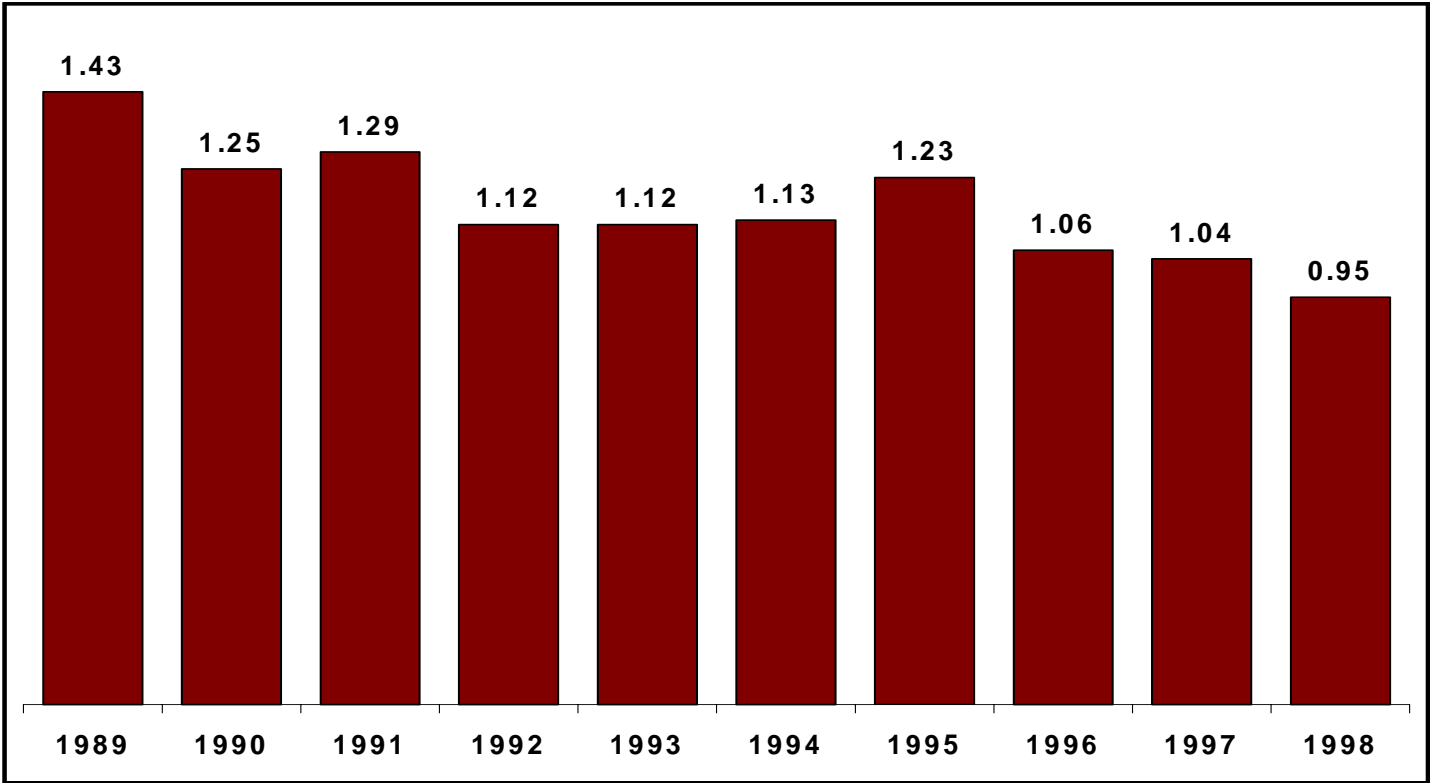


10-Year Iowa Statistics

Injuries In Thousands

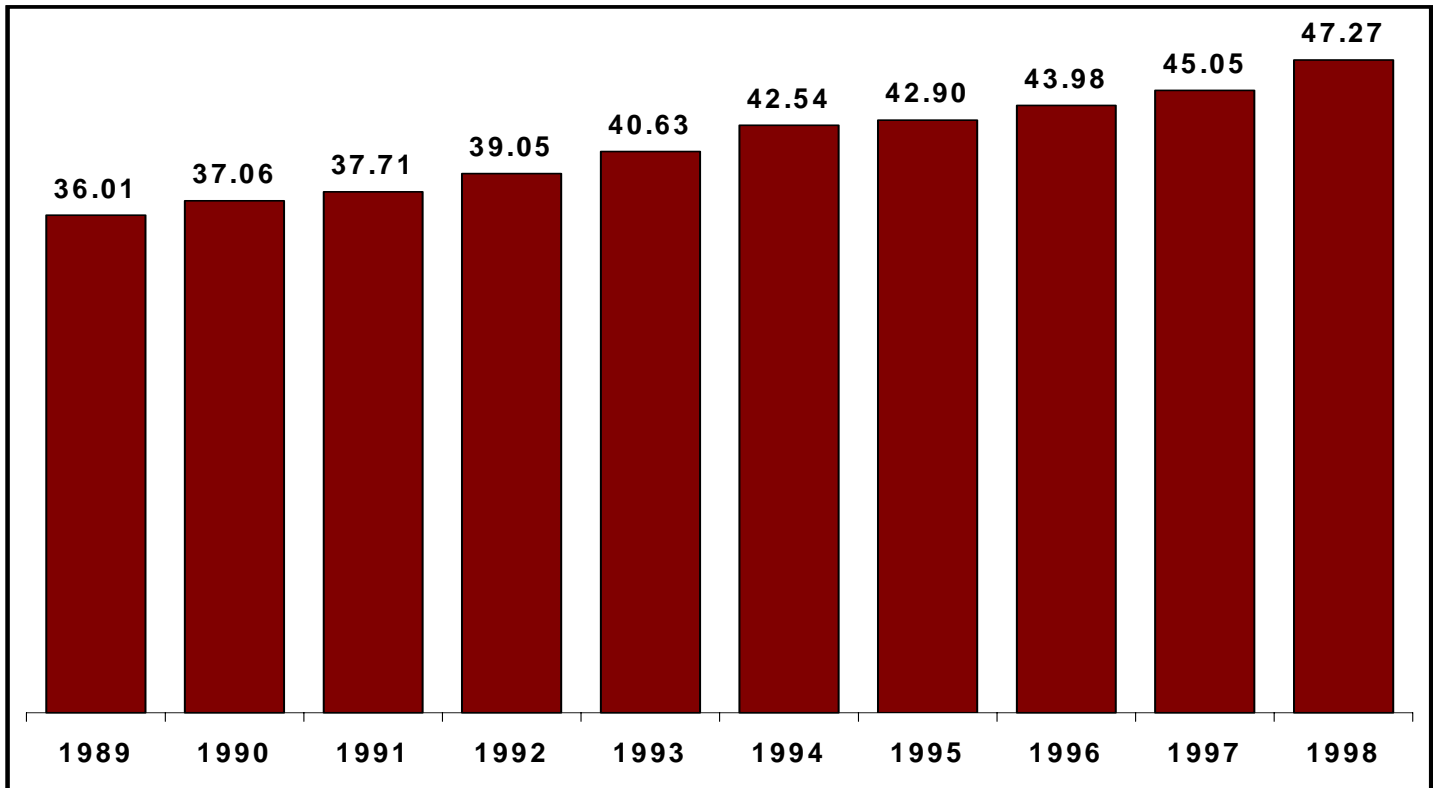


Iowa Death Rate Deaths per 100 Million Kilometers

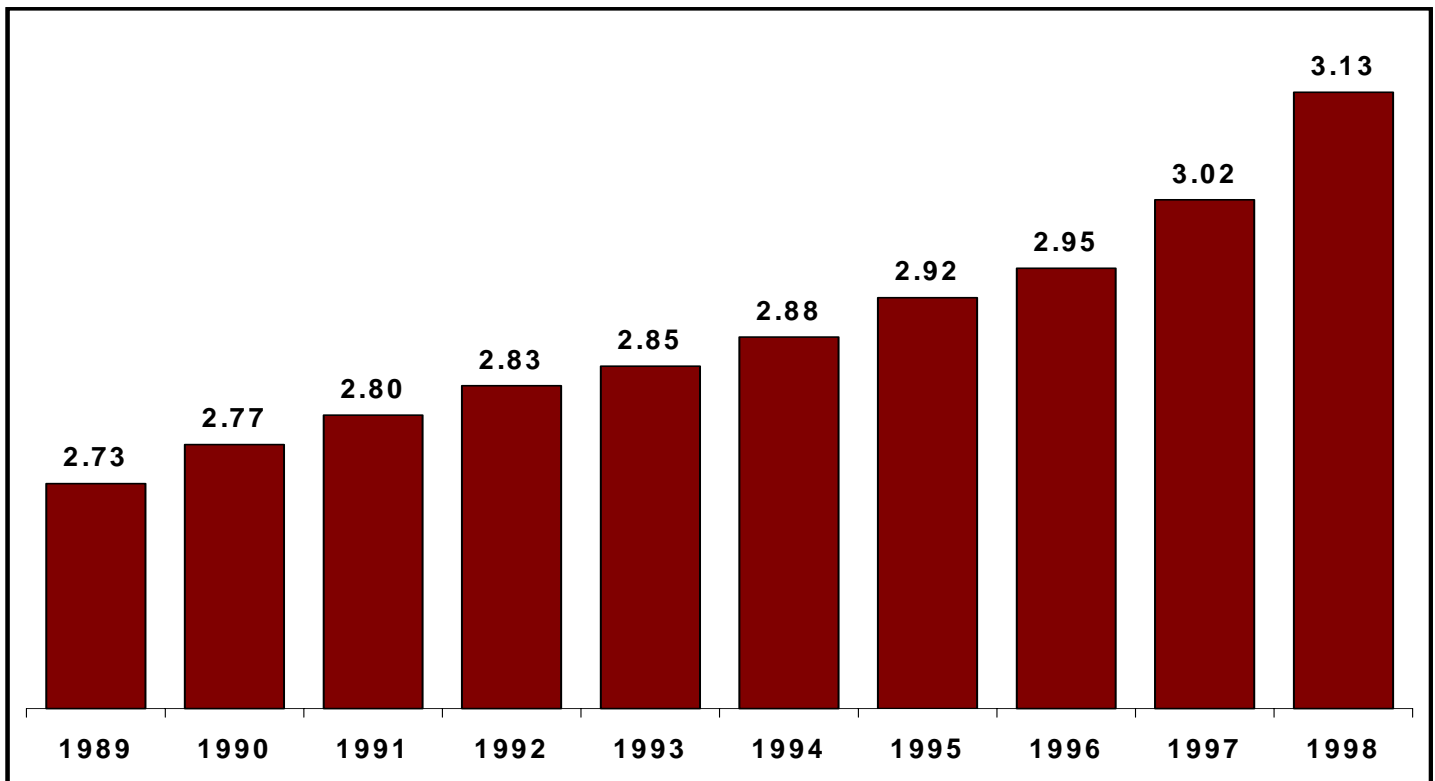


10-Year Iowa Statistics

Vehicle Kilometers Traveled In Billions

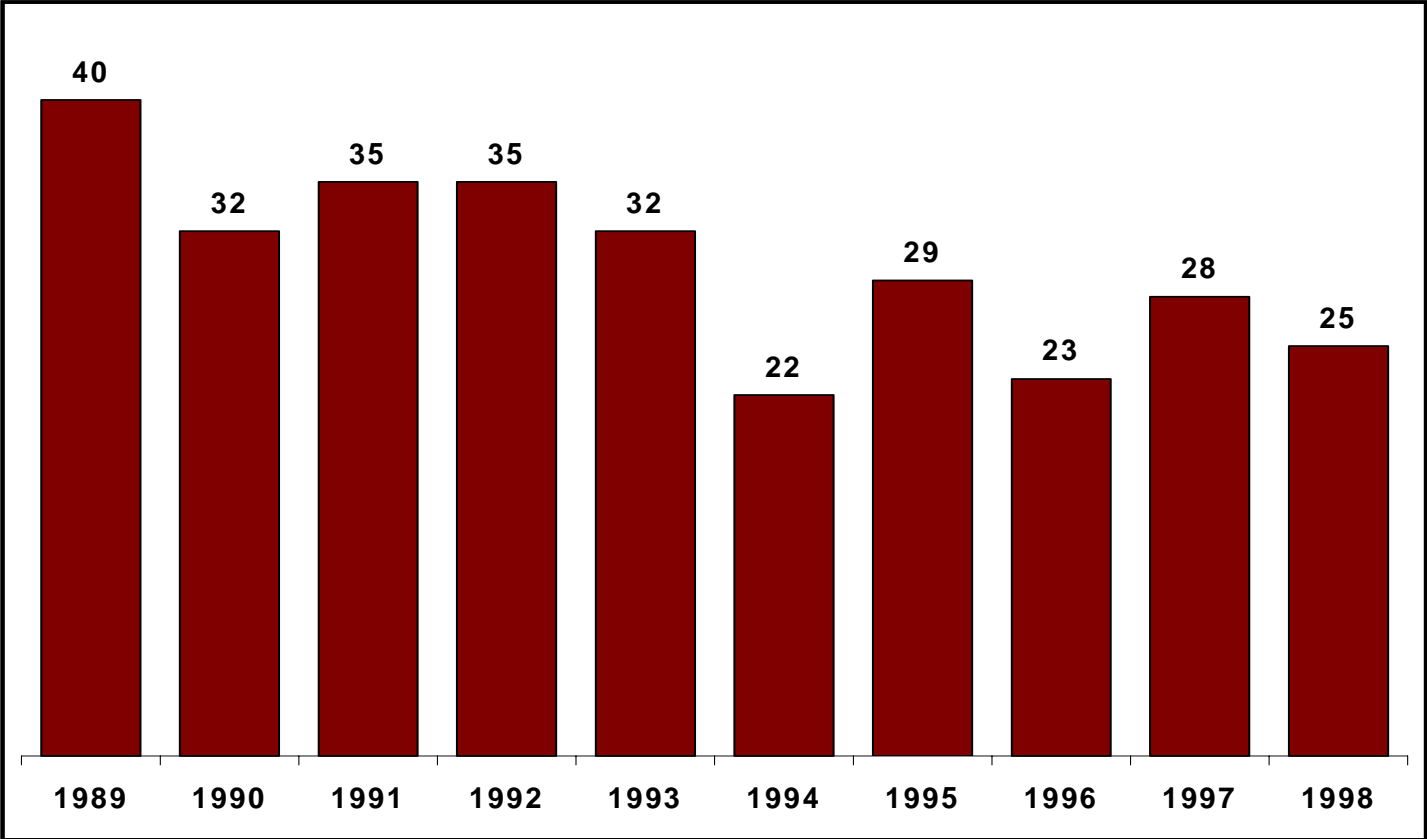


Motor Vehicle Registrations In Millions

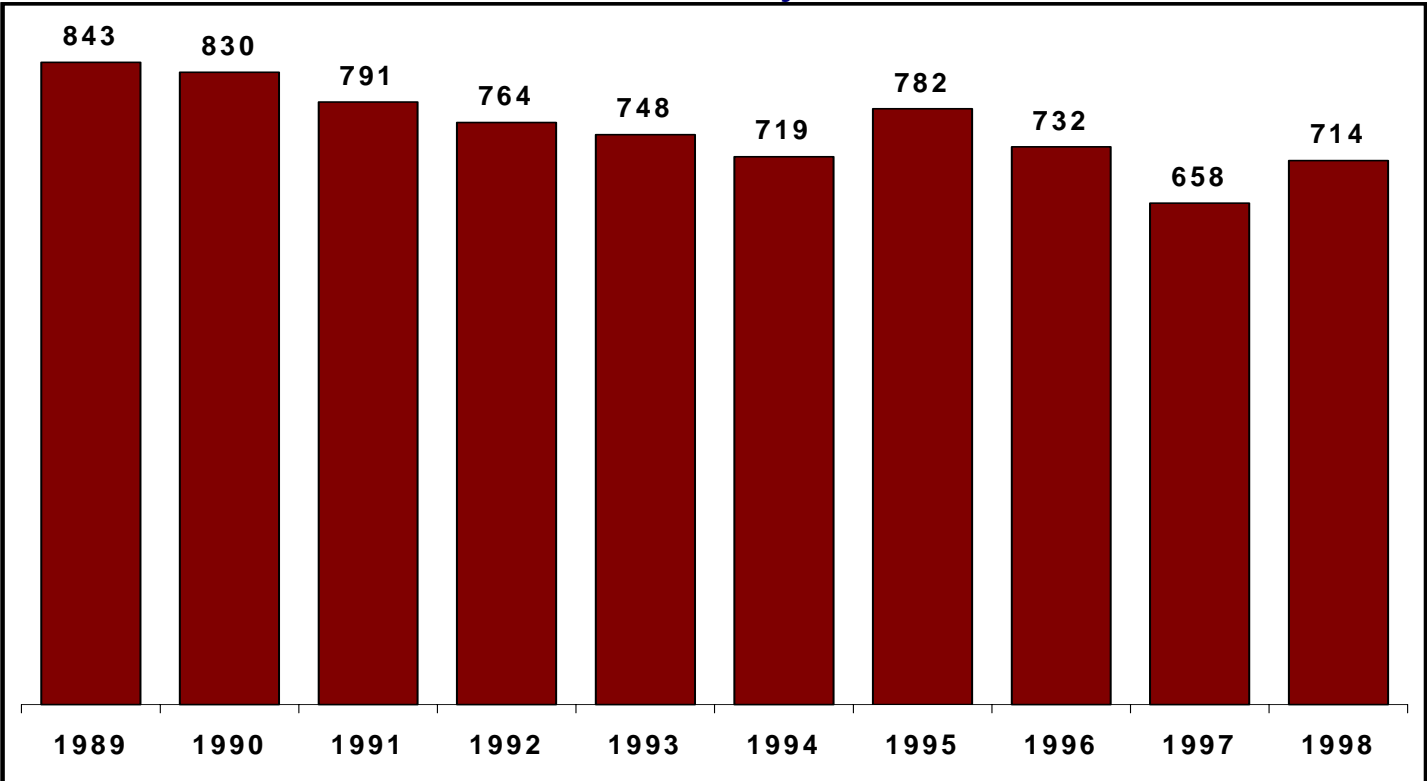


10-Year Iowa Statistics

Pedestrian Fatalities

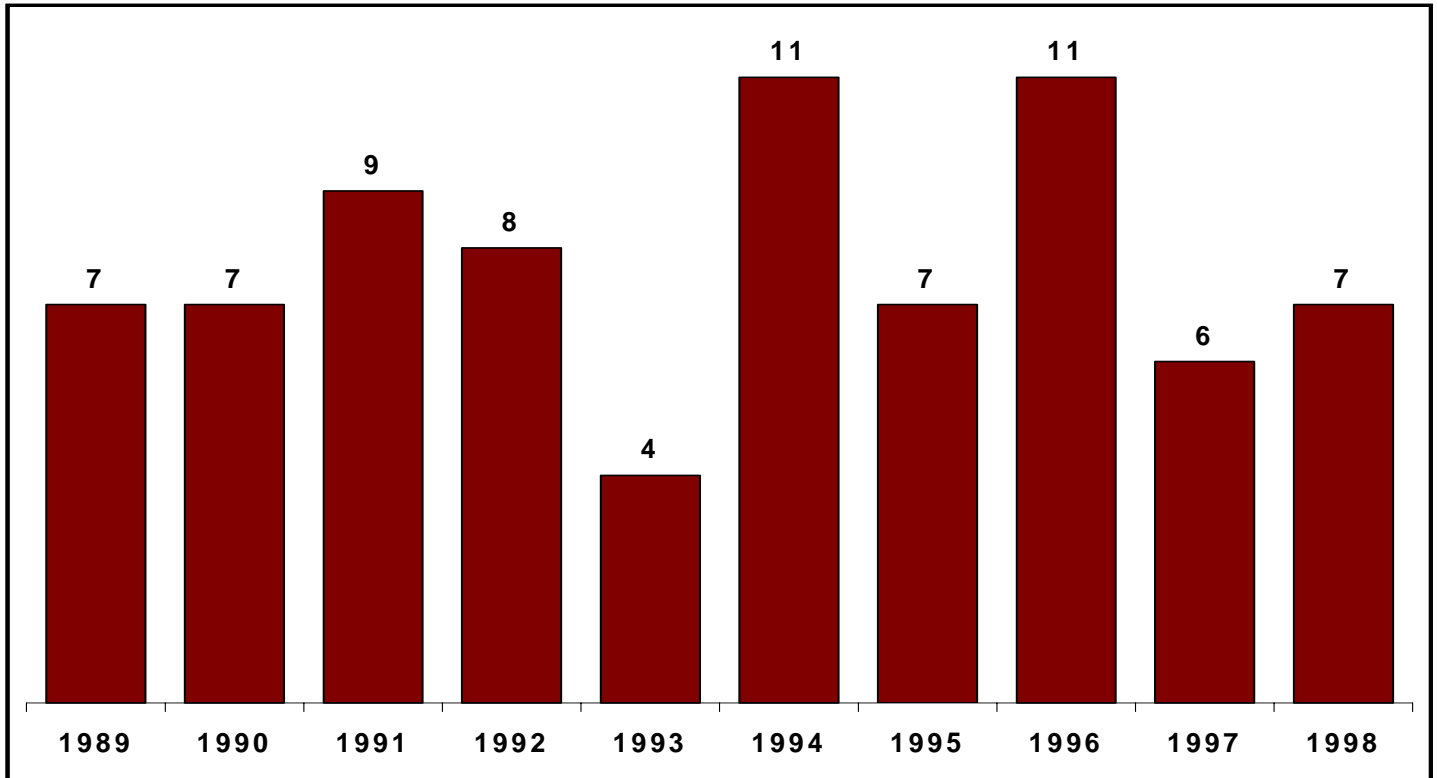


Pedestrian Injuries

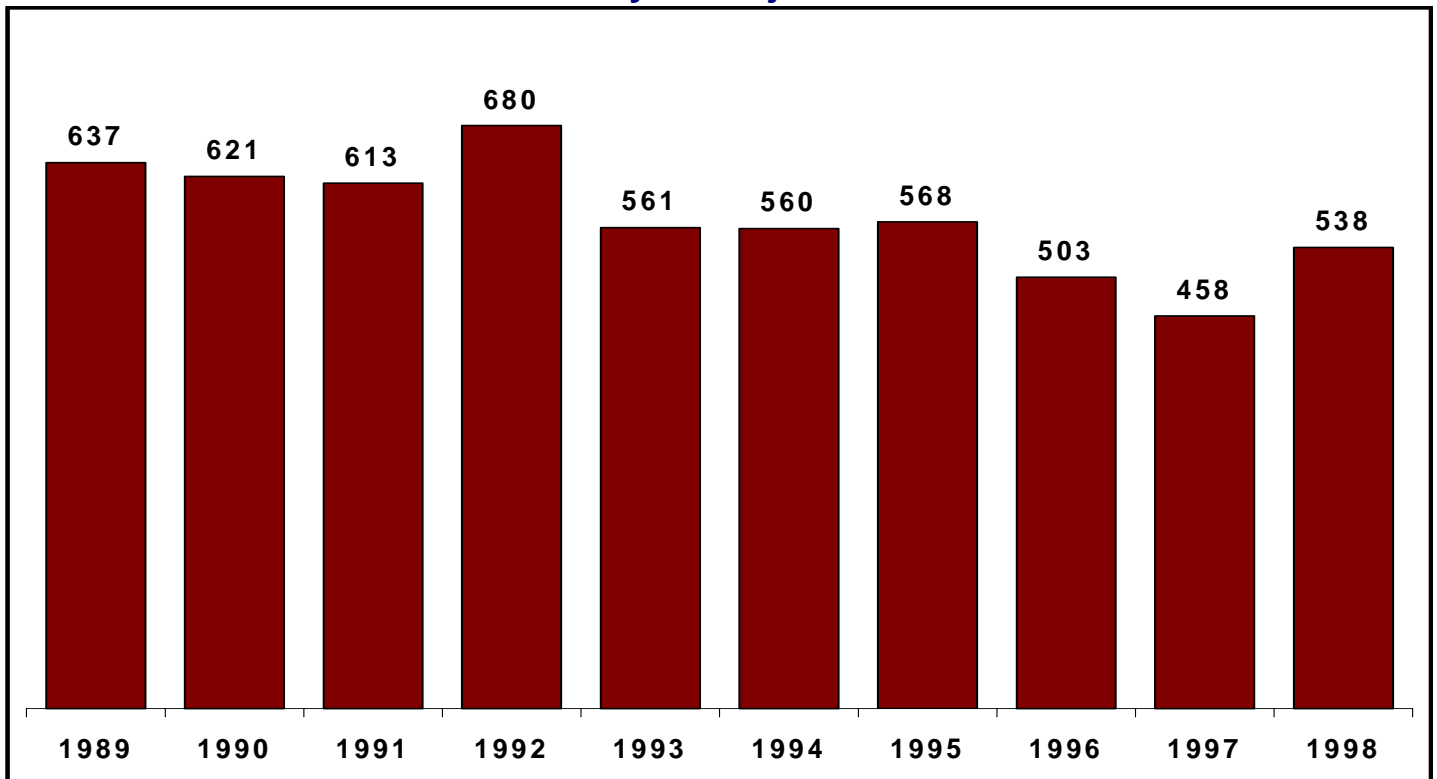


10-Year Iowa Statistics

Bicyclist Fatalities

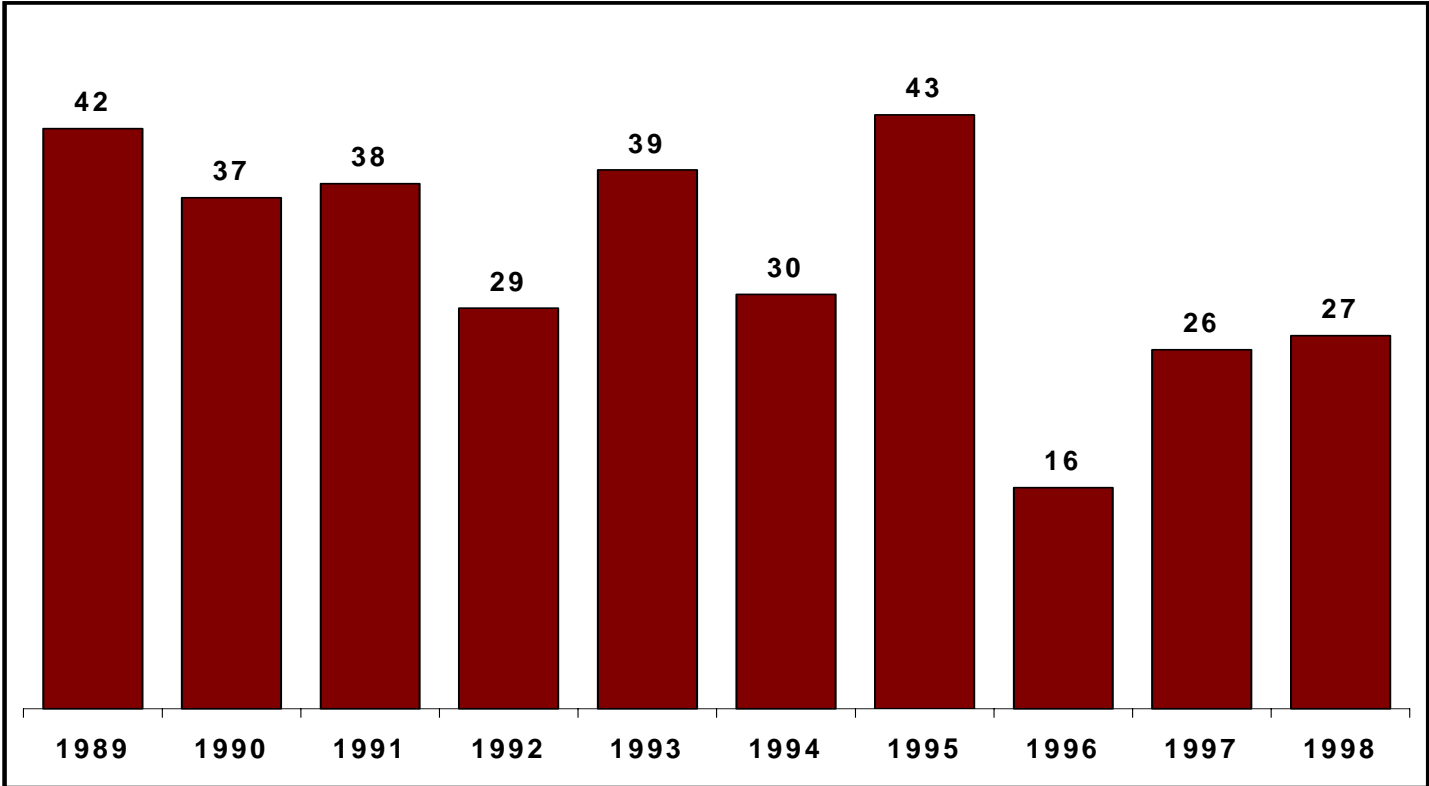


Bicyclist Injuries

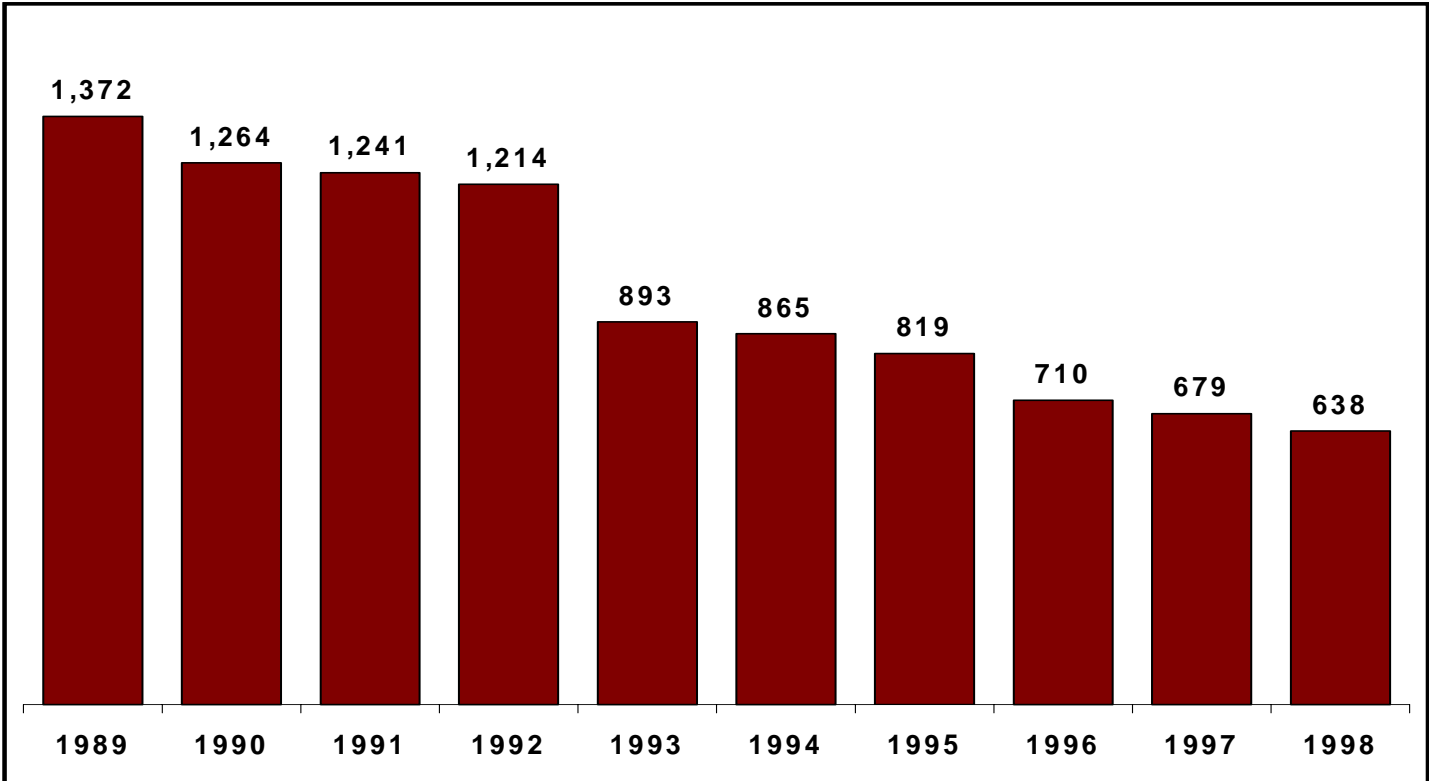


10-Year Iowa Statistics

Motorcyclist Fatalities

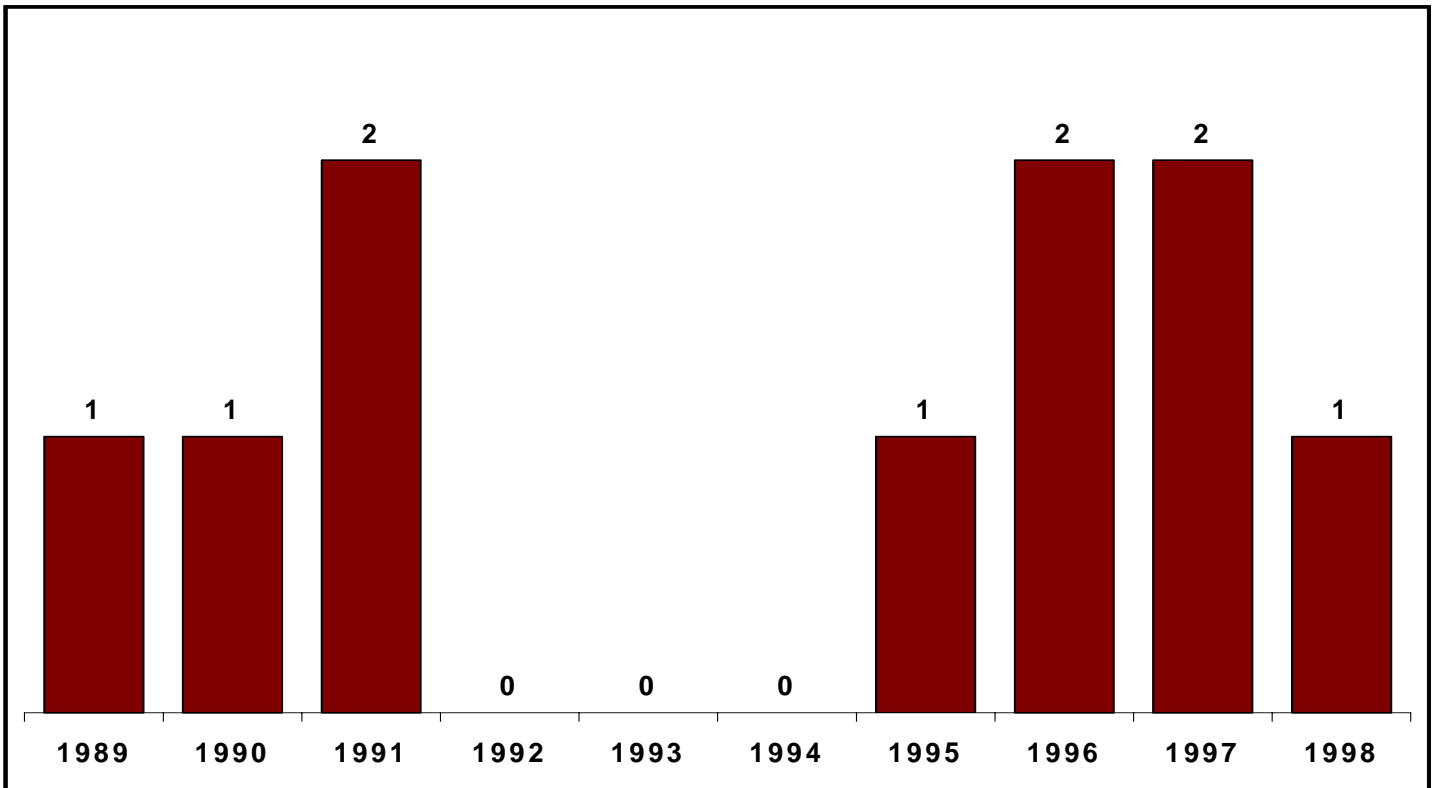


Motorcyclist Injuries

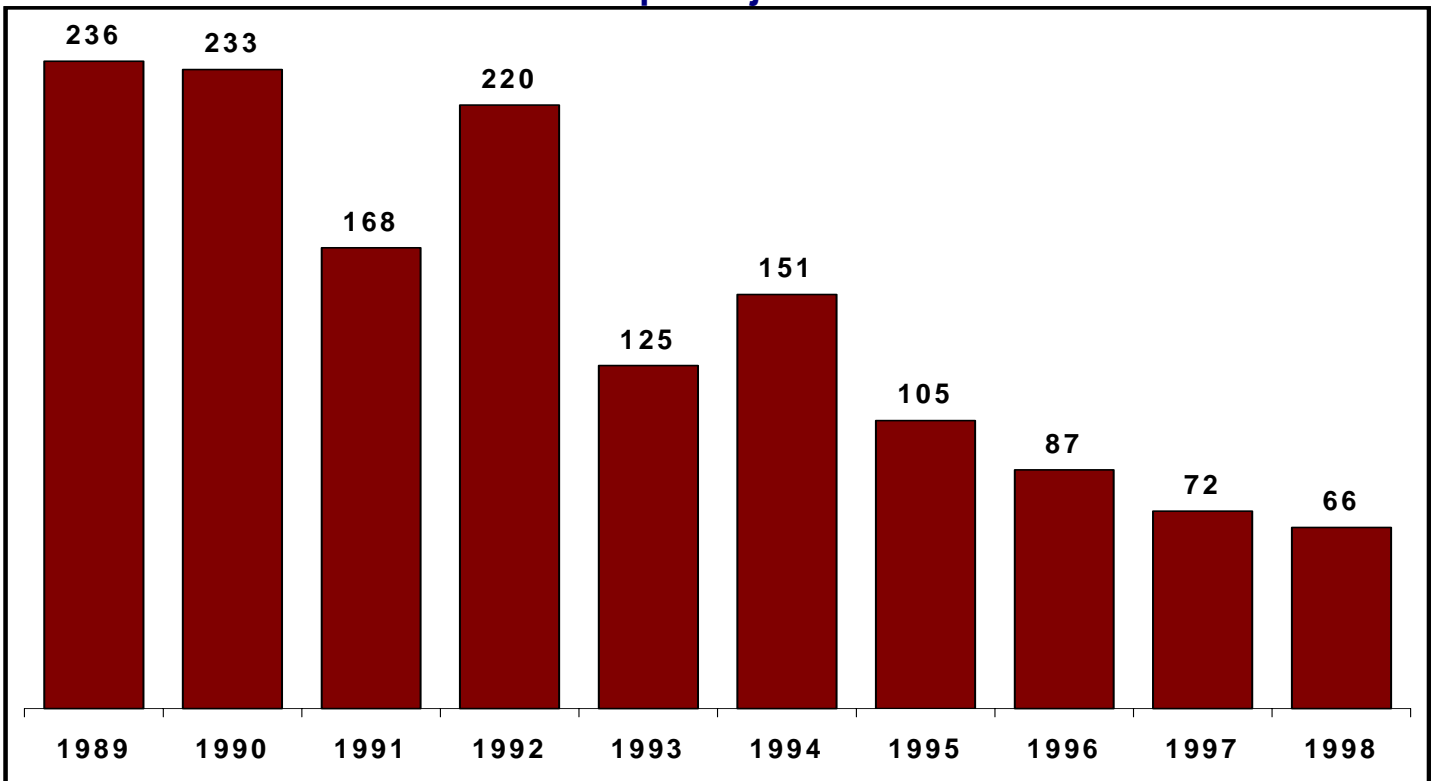


10-Year Iowa Statistics

Moped Fatalities



Moped Injuries

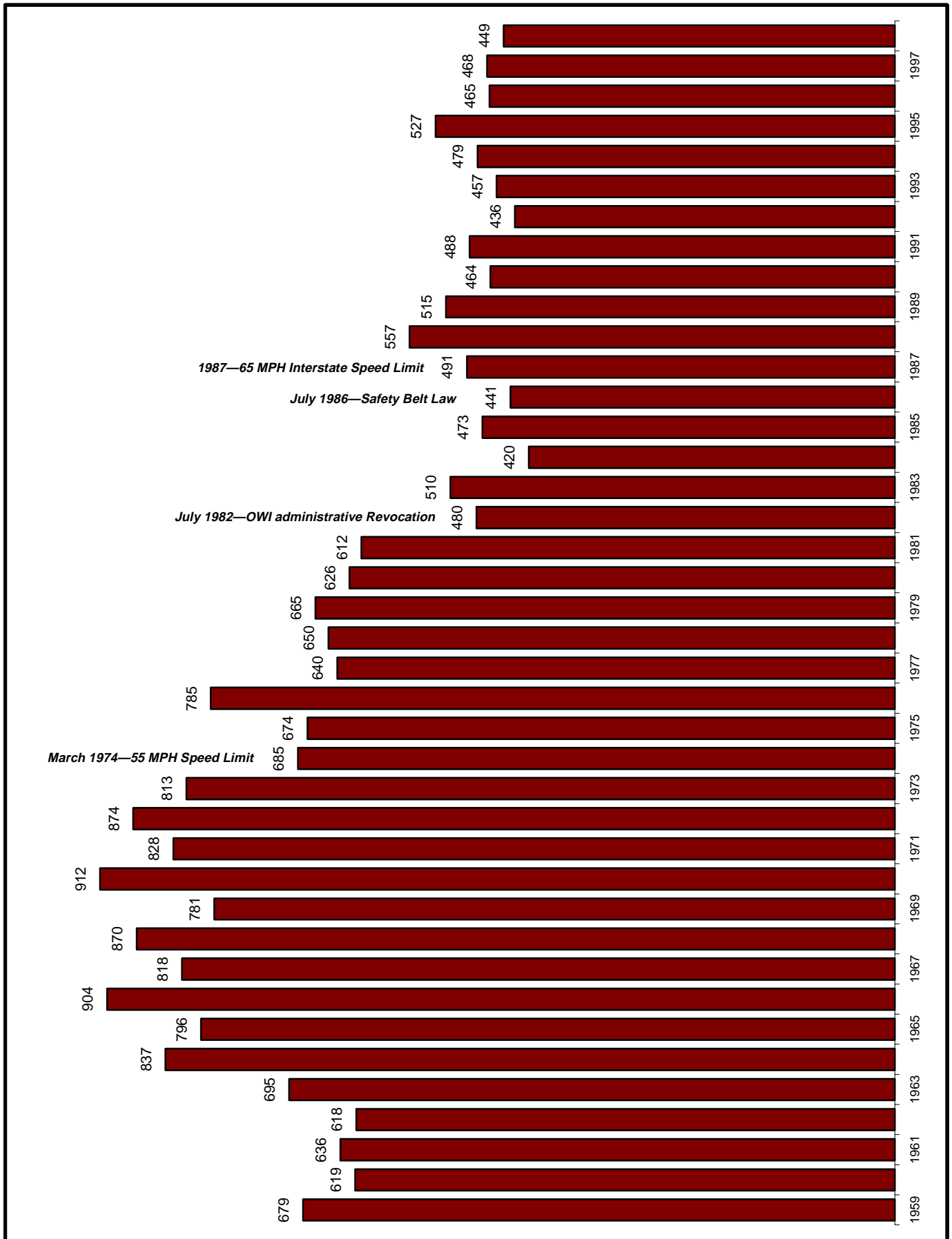


Iowa Statistics

Year	Fatalities	Injuries	Crashes			Vehicle Kilometers Traveled				Licensed Drivers	Motor Vehicle Registrations
			Fatal	Injury	All	Vehicle Kilometers (Million)	Fatal Crash Rate	Total Crash Rate	Fatality Rate		
							Per 100 Million KM				
1979	655	29,972	566	20,727	86,969	30,334	1.87	286.70	2.16	2,419,501	2,540,547
1980	626	29,100	541	20,280	77,800	29,288	1.85	265.64	2.14	2,408,793	2,554,379
1981	612	28,776	529	19,945	68,263	29,944	1.77	227.97	2.04	2,472,614	2,592,604
1982	480	25,905	431	17,933	61,549	31,026	1.39	198.38	1.55	1,977,911	2,577,994
1983	510	26,050	434	18,049	61,190	31,539	1.38	194.01	1.62	1,998,982	2,542,267
1984	420	27,868	376	19,378	62,818	32,770	1.15	191.70	1.28	2,000,085	2,655,529
1985	473	26,988	415	18,752	63,624	32,166	1.29	197.80	1.47	1,970,272	2,796,172
1986	441	26,669	388	18,522	61,683	32,770	1.18	188.23	1.35	1,949,108	2,841,138
1987	491	27,074	443	18,695	63,458	33,318	1.33	190.46	1.47	1,897,495	2,892,994
1988	557	27,578	494	19,123	67,901	34,934	1.41	194.37	1.59	1,940,463	2,701,924
1989	515	29,597	452	20,612	70,716	36,014	1.26	196.35	1.43	1,976,726	2,730,604
1990	464	30,222	403	20,577	71,792	37,062	1.09	193.71	1.25	1,922,750	2,771,940
1991	488	29,663	423	20,034	71,271	37,714	1.12	188.98	1.29	1,963,975	2,802,036
1992	436	33,876	387	23,012	69,261	39,058	0.99	177.33	1.12	2,025,592	2,830,151
1993	457	35,510	399	24,503	73,608	40,634	0.98	181.15	1.12	2,041,713	2,851,302
1994	479	36,315	416	24,763	74,048	42,541	0.98	174.06	1.13	2,060,651	2,885,112
1995	527	38,992	446	26,213	76,203	42,901	1.04	177.63	1.23	2,070,341	2,920,666
1996	465	38,562	411	25,297	78,357	43,987	0.93	178.14	1.06	2,069,241	2,946,853
1997	468	39,513	411	25,511	71,512	45,045	0.91	158.76	1.04	2,069,792	3,027,355
1998	449	37,659	386	24,471	64,041	47,274	0.82	135.47	0.95	2,091,491	3,125,825

NOTE: 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.
 Beginning with 1988, motor vehicle registrations excludes dealer titles and all trucks and all trucks licensed in more than one state.

Iowa Fatalities



National Statistics

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	Vehicle Kilometers Traveled (Billions)	Fatality Rate per 100 Million Vehicle Kilometers Traveled
1979	51,093	45,223	225,055	22.70	143,284	35.66	144,317	35.40	1,529	3.34	2,461	2.08
1980	51,091	45,284	227,225	22.48	145,295	35.16	146,845	34.79	1,527	3.35	2,457	2.08
1981	49,301	44,000	229,466	21.49	147,075	33.52	149,330	33.01	1,553	3.17	2,499	1.97
1982	43,945	39,092	231,664	18.97	150,234	29.25	151,148	29.07	1,595	2.76	2,567	1.71
1983	42,589	37,976	233,792	18.22	154,289	27.60	162,830	26.16	1,653	2.58	2,660	1.60
1984	44,257	39,631	235,825	18.77	155,424	28.48	158,900	27.85	1,720	2.57	2,768	1.60
1985	43,825	39,168	237,924	18.42	156,868	27.94	166,047	26.39	1,774	2.47	2,855	1.54
1986	46,087	41,090	240,133	19.19	159,487	28.90	168,545	27.34	1,835	2.51	2,953	1.56
1987	46,390	41,438	242,289	19.15	161,818	28.67	172,750	26.85	1,921	2.41	3,092	1.50
1988	47,087	42,130	244,499	19.26	162,853	28.91	177,455	26.53	2,026	2.32	3,261	1.44
1989	45,582	40,741	246,819	18.47	165,555	27.53	181,165	25.16	2,096	2.17	3,373	1.35
1990	44,599	39,836	249,439	17.88	167,015	26.70	184,275	24.20	2,144	2.08	3,450	1.29
1991	41,508	36,937	252,127	16.46	168,995	24.56	186,370	22.27	2,172	1.91	3,496	1.19
1992	39,250	34,942	254,995	15.39	173,125	22.67	184,938	21.22	2,247	1.75	3,616	1.09
1993	40,150	35,780	257,746	15.58	173,149	23.19	188,350	21.32	2,297	1.75	3,697	1.09
1994	40,716	36,254	260,289	15.64	175,403	23.21	192,497	21.15	2,358	1.73	3,795	1.07
1995	41,817	37,241	262,765	15.91	176,628	23.68	197,065	21.22	2,423	1.73	3,899	1.07
1996	42,065	37,494	165,190	25.46	179,539	23.43	201,631	20.86	2,486	1.69	4,001	1.05
1997	42,013	34,324	267,744	15.69	182,709	22.99	203,568	20.64	2,560	1.64	4,120	1.02
1997	41,471	37,081	270,299	15.34	N/A	N/A	N/A	N/A	2,619	1.58	4,215	0.98

National Fatality Rates per 100 Million Kilometers Traveled

