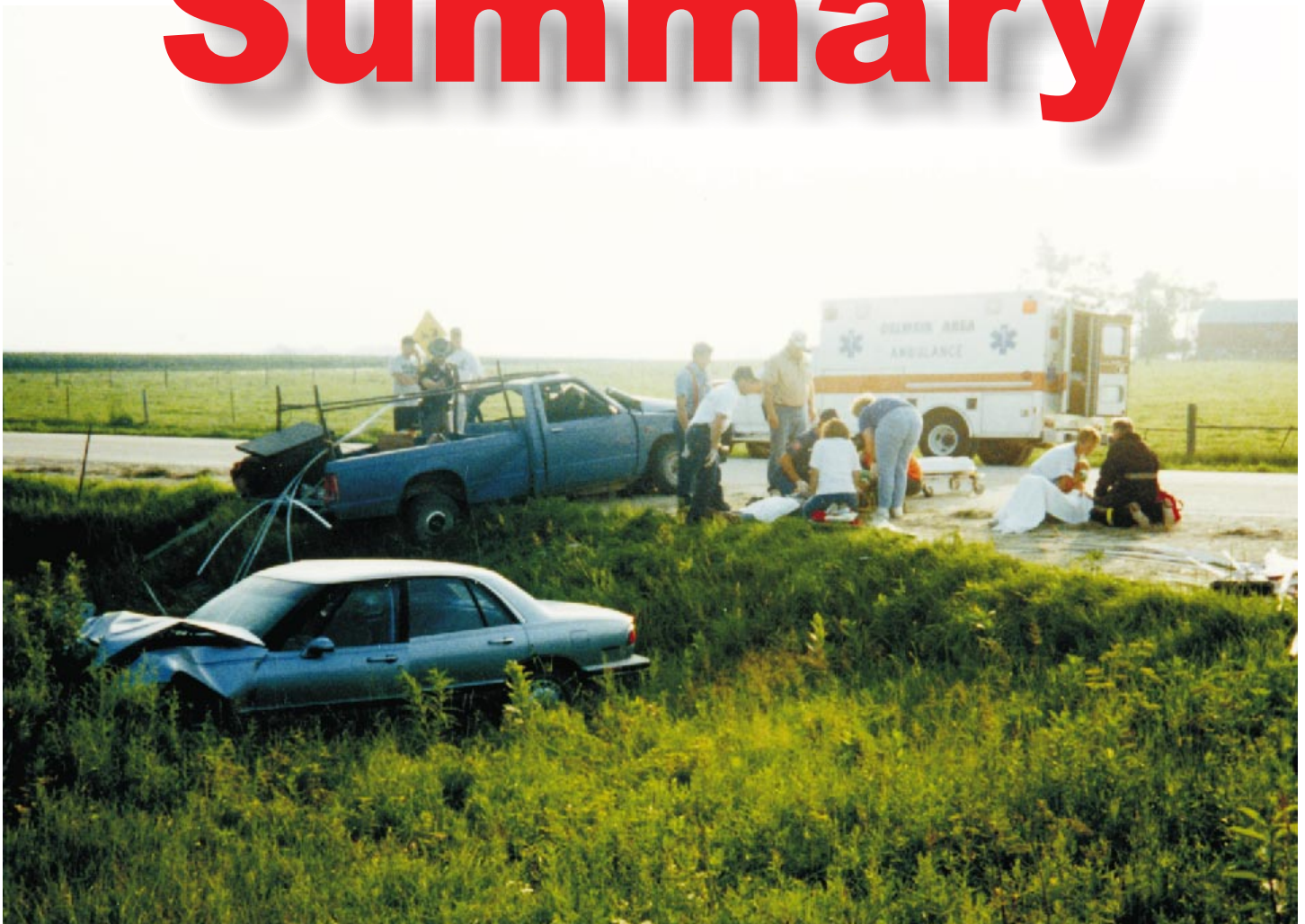


1996 Iowa Crash Summary



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

Table of Contents

Table of Contents.....	i
1996 Fast Facts—General Summary of Motor Vehicle Crashes in Iowa.....	1
Summary of All Crashes	1
Summary of Alcohol-Related Crashes	2
Summary of Protective Device Usage	2
10-Year Iowa Statistics (<i>Graphs</i>).....	3-9
All Crashes	3
Fatalities	3
Injuries	4
Iowa Death Rate.....	4
Vehicle Kilometers Traveled.....	5
Motor Vehicle Registrations	5
Pedestrian Fatalities & Injuries.....	6
Bicyclist Fatalities & Injuries	7
Motorcyclist Fatalities & Injuries.....	8
Moped Fatalities & Injuries	9
20-Year Iowa Statistics.....	10
40-Year Iowa Fatalities (<i>Graph</i>).....	11
20-Year National Statistics.....	12
20-Year National Fatality Rates (<i>Graph</i>).....	13

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 1996" published by the U.S. Department of Transportation's National Highway Traffic Safety Administration.

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General Summary

1996 Fast Facts—A General Summary of Motor Vehicle Crashes in Iowa

In Iowa there were . . .

1 crash every 6.54 minutes.

1 driver out of 16.05 involved in a crash.

1.27 lives lost each day because of traffic crashes;
A total of 465 lives were lost in 1996.

105.65 persons were injured each day because of traffic crashes;
A total of 38,562 persons were injured in 1996.

In Iowa, motor vehicle crashes increased 2.75% in 1996 from the 76,203 crashes recorded in 1995;
Fatalities decreased 11.76% from the 527 fatalities recorded in 1995.

Nationally there were . . .

41,907 fatalities, a 0.26% increase from the 41,798 fatalities in 1995;
37,351 fatal crashes, a 0.35% increase from the 37,221 fatal crashes in 1995.

Summary of All Crashes

Type of Crash & Crash Victim		All Crashes	Fatal Crashes	Personal Injury Crashes	Property Damage Crashes
Total Number of Crashes		78,357	411	25,297	52,649
Total Number of Fatalities		465	465		
Total Number of Injuries		38,562	509	38,053	
Total Number of Vehicles		138,569	705	46,479	
Vehicle Occupants	Involved	199,224	1,194	72,897	125,133
	Killed	442	442		
	Injured	37,830	504	37,326	
Vehicle Drivers	Involved	128,906	692	45,283	82,931
	Killed	313	313		
	Injured	24,881	221	24,660	
Vehicle Passengers	Involved	70,318	502	27,614	42,202
	Killed	129	129		
	Injured	12,949	283	12,666	
Pedestrians	Involved	755	28	727	
	Killed	23	23		
	Injured	732	5	727	

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		3,331	128	1,747	1,456
Total Number of Fatalities		139	139		
Total Number of Injuries		2,778	117	2,661	
Total Number of Vehicles		5,181	164	2,680	
Vehicle Occupants	Involved	7,424	282	4,123	3,019
	Killed	137	137		
	Injured	2,724	116	2,608	
Vehicle Drivers	Involved	4,665	160	2,512	1,993
	Killed	91	91		
	Injured	1,715	49	1,666	
Vehicle Passengers	Involved	2,759	122	1,611	1,026
	Killed	46	46		
	Injured	1,009	67	942	
Pedestrians	Involved	56	3	53	
	Killed	2	2		
	Injured	54	1	53	

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.

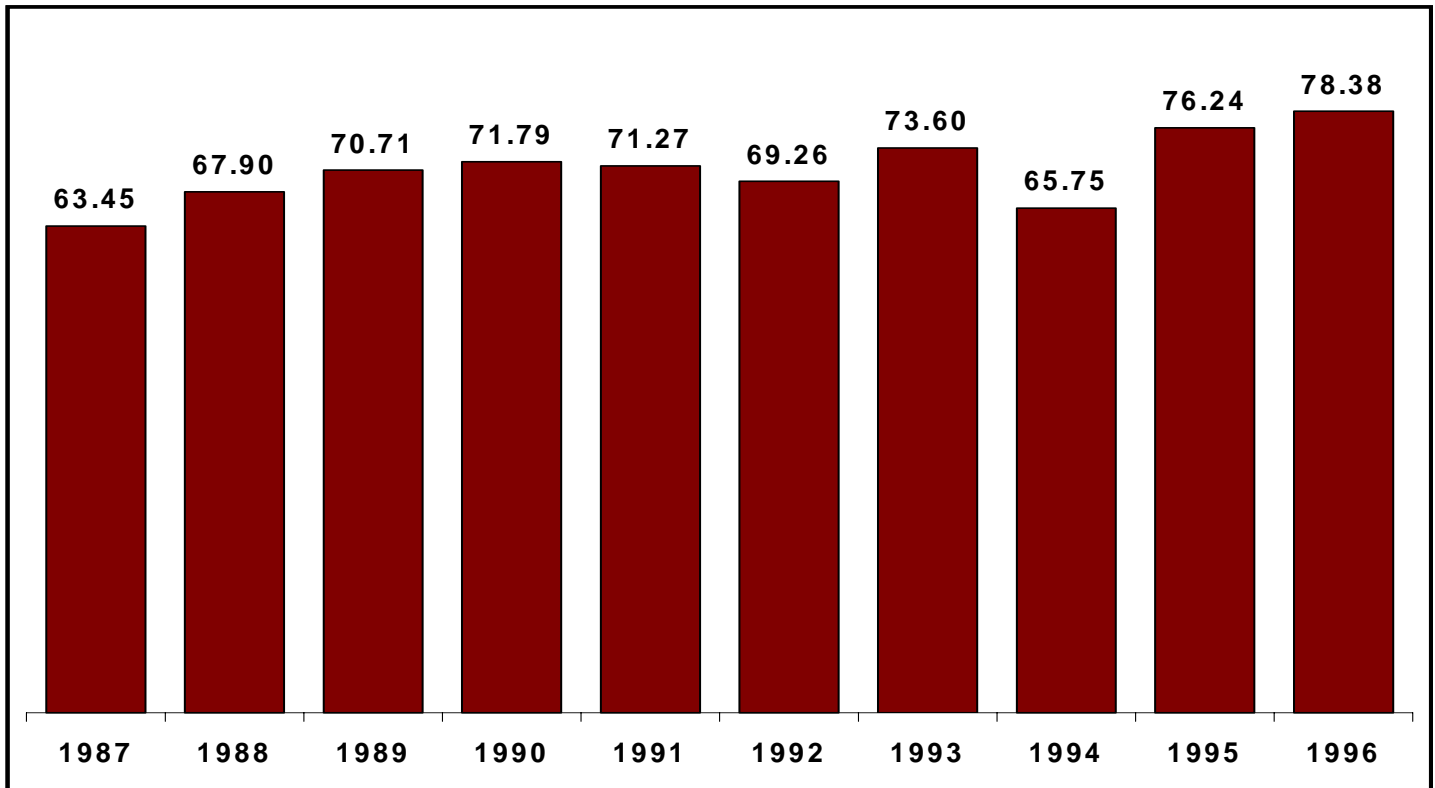
Summary of Protective Device Usage

Protective Device Used	Severity of Injury									
	Fatal		Major		Minor		Unknown		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
None Used	207	46.83%	1,067	34.22%	4,873	14.37%	111	13.89%	6,258	16.35%
Lap Belt	6	1.36%	71	2.28%	1,153	3.40%	22	2.75%	1,252	3.27%
Lap & Shoulder Belt	130	29.41%	847	27.16%	10,385	30.62%	164	20.53%	11,526	30.12%
Airbag Deployed	3	0.68%	68	2.18%	405	1.19%	13	1.63%	489	1.28%
Child Restraint	10	2.26%	9	0.29%	243	0.72%	27	3.38%	289	0.76%
Helmet	2	0.45%	34	1.09%	81	0.24%	3	0.38%	120	0.31%
Passive Restraint	5	1.13%	19	0.61%	40	0.12%	1	0.13%	65	0.17%
Other	2	0.45%	12	0.38%	66	0.19%	1	0.13%	81	0.21%
Unknown	77	17.42%	991	31.78%	16,667	49.15%	457	57.20%	18,192	47.53%
Total	442	100.00%	3,118	100.00%	33,913	100.00%	799	100.00%	38,272	100.00%

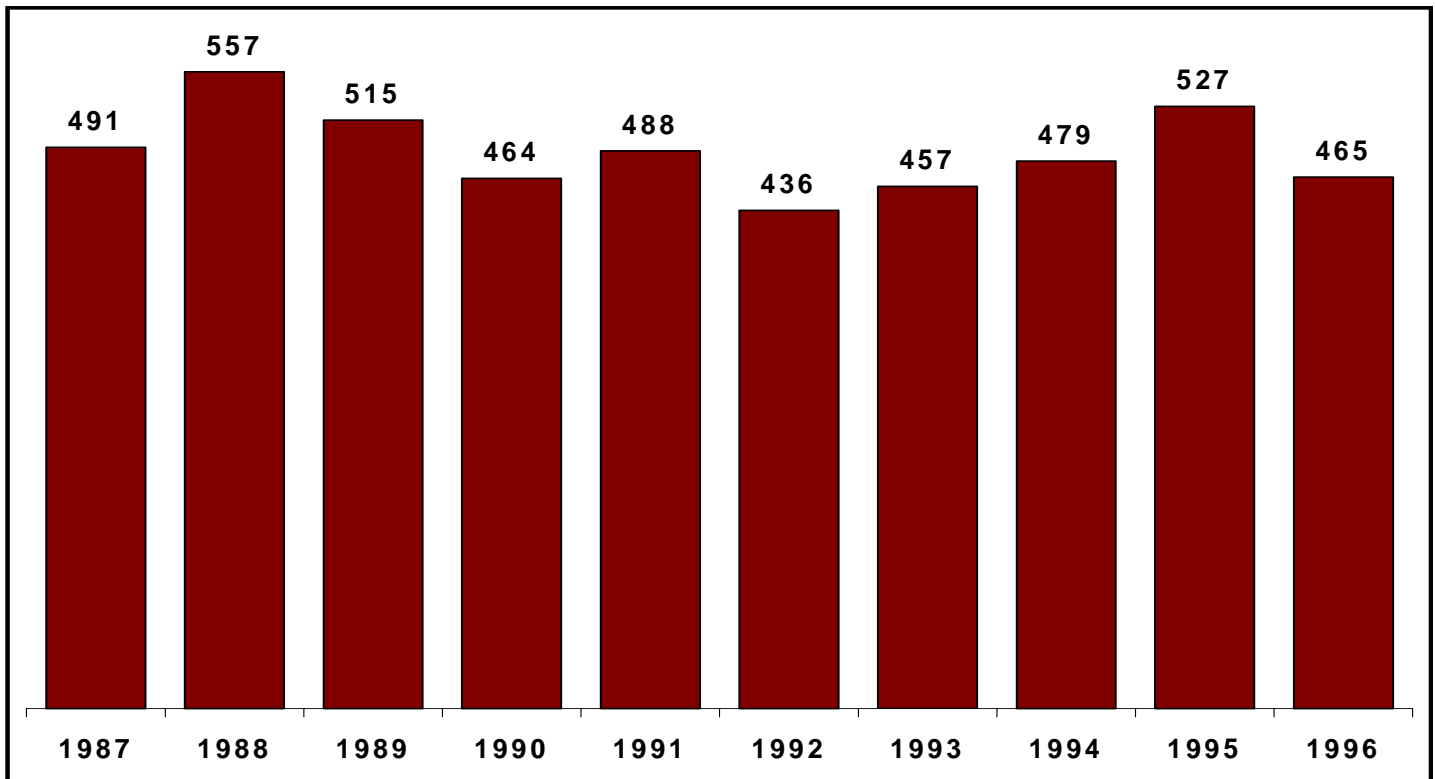
NOTE: Does not include pedestrians.

10-Year Iowa Statistics

All Crashes In Thousands

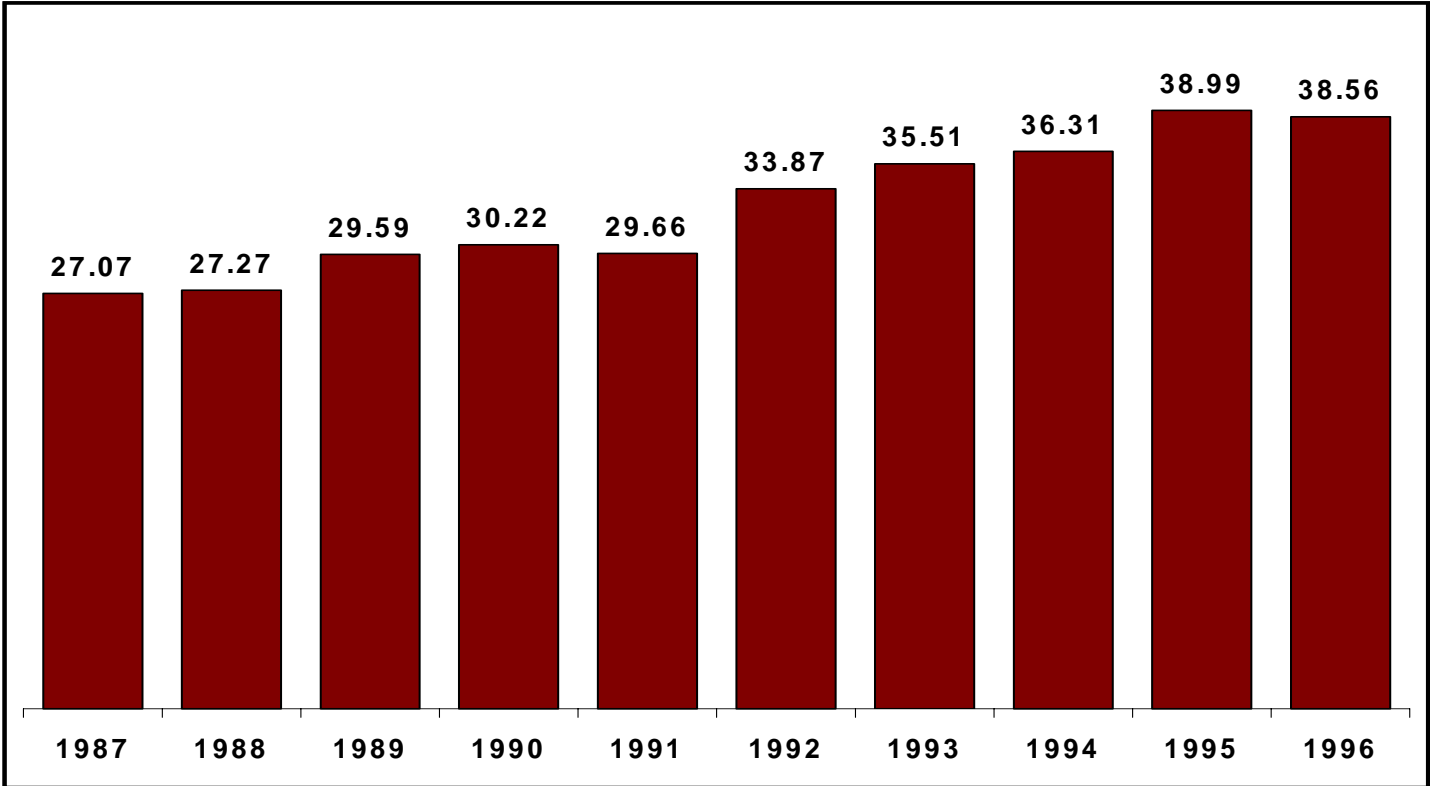


Fatalities

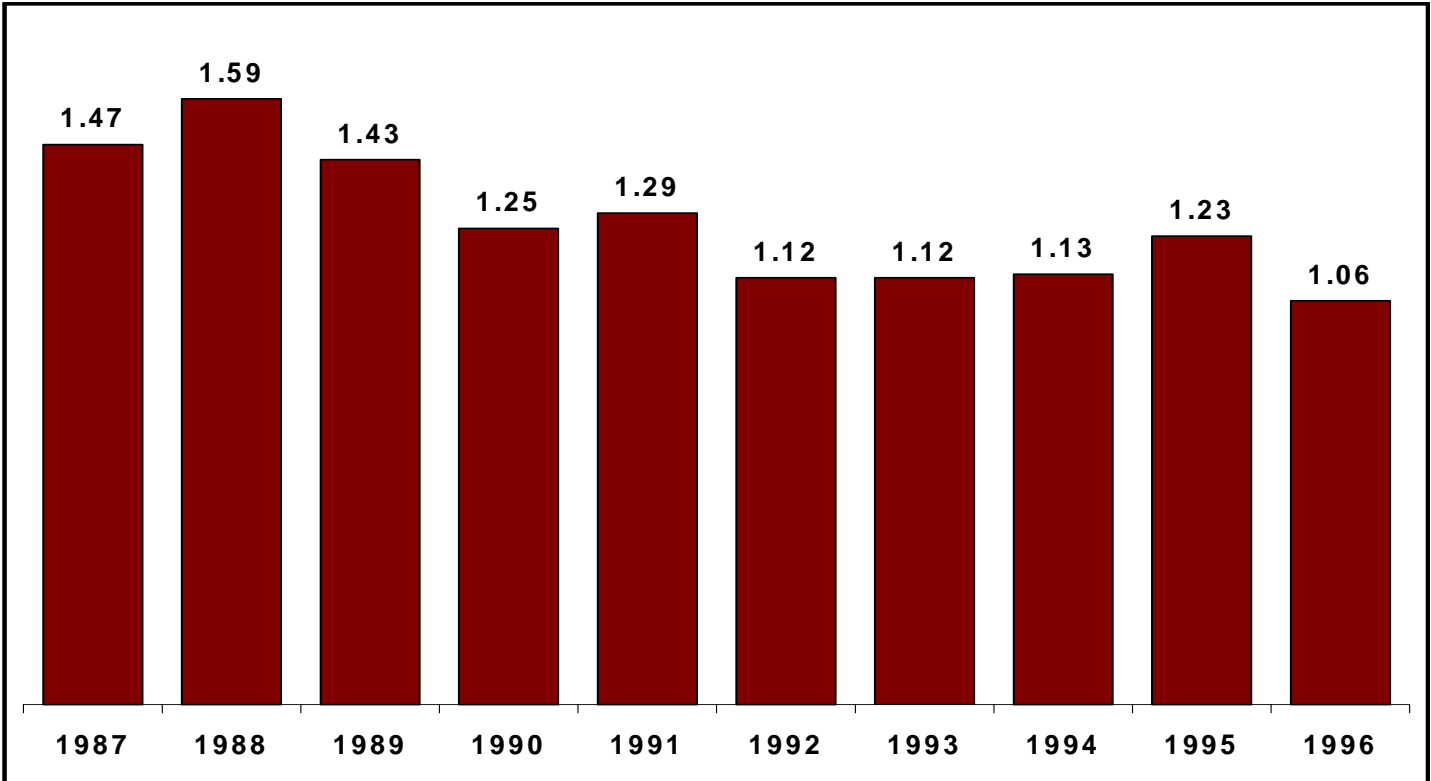


10-Year Iowa Statistics

Injuries In Thousands

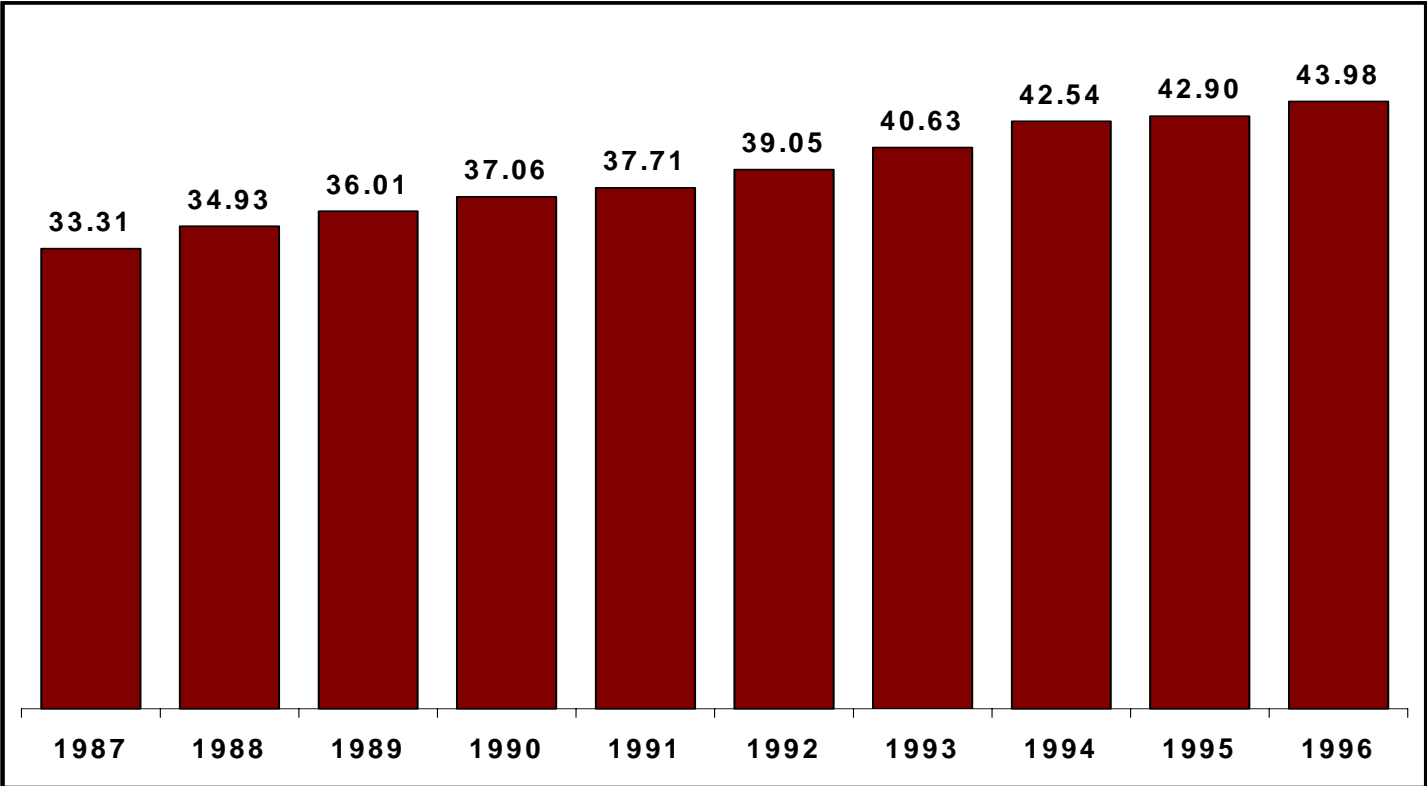


Iowa Death Rate Deaths per 100 Million Kilometers

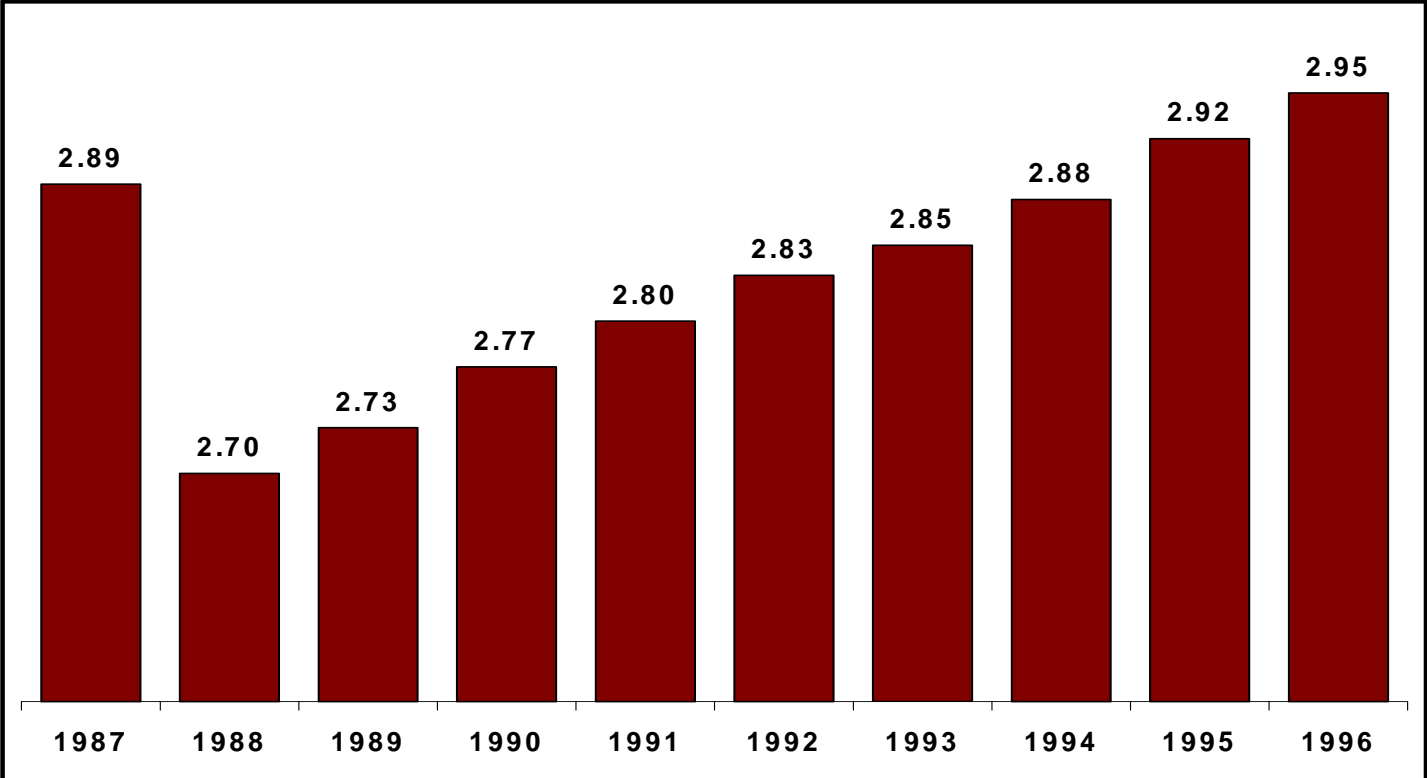


10-Year Iowa Statistics

Vehicle Kilometers Traveled In Billions

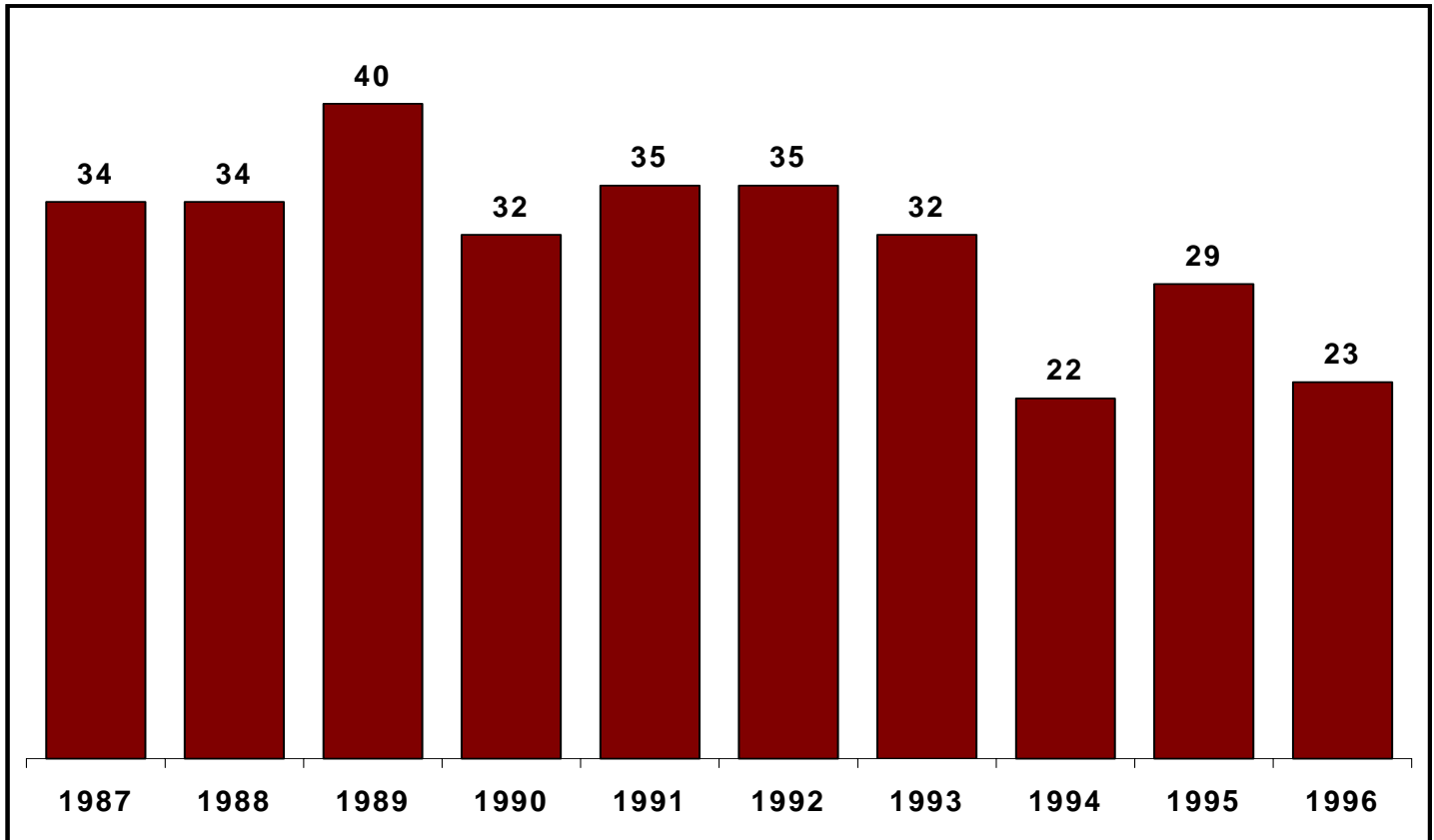


Motor Vehicle Registrations In Millions

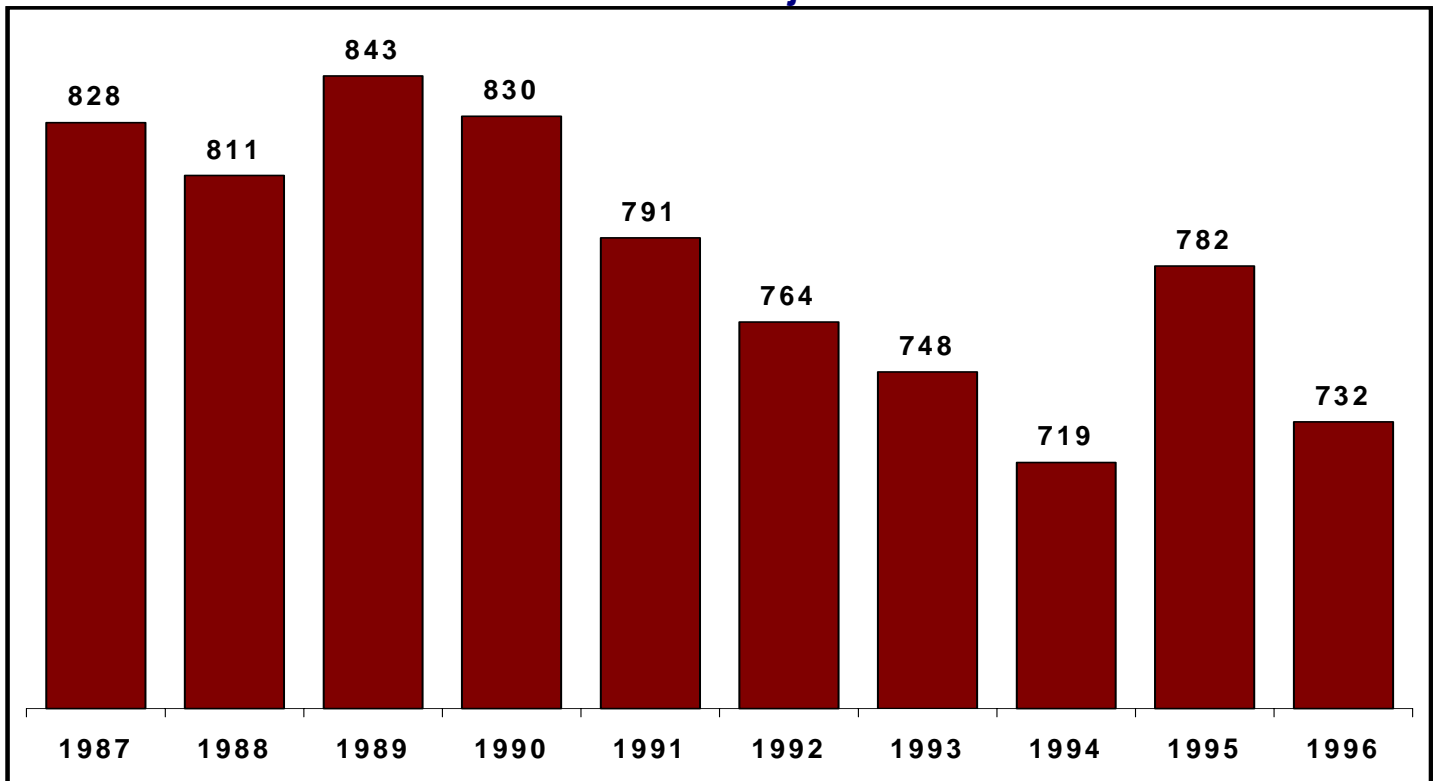


10-Year Iowa Statistics

Pedestrian Fatalities

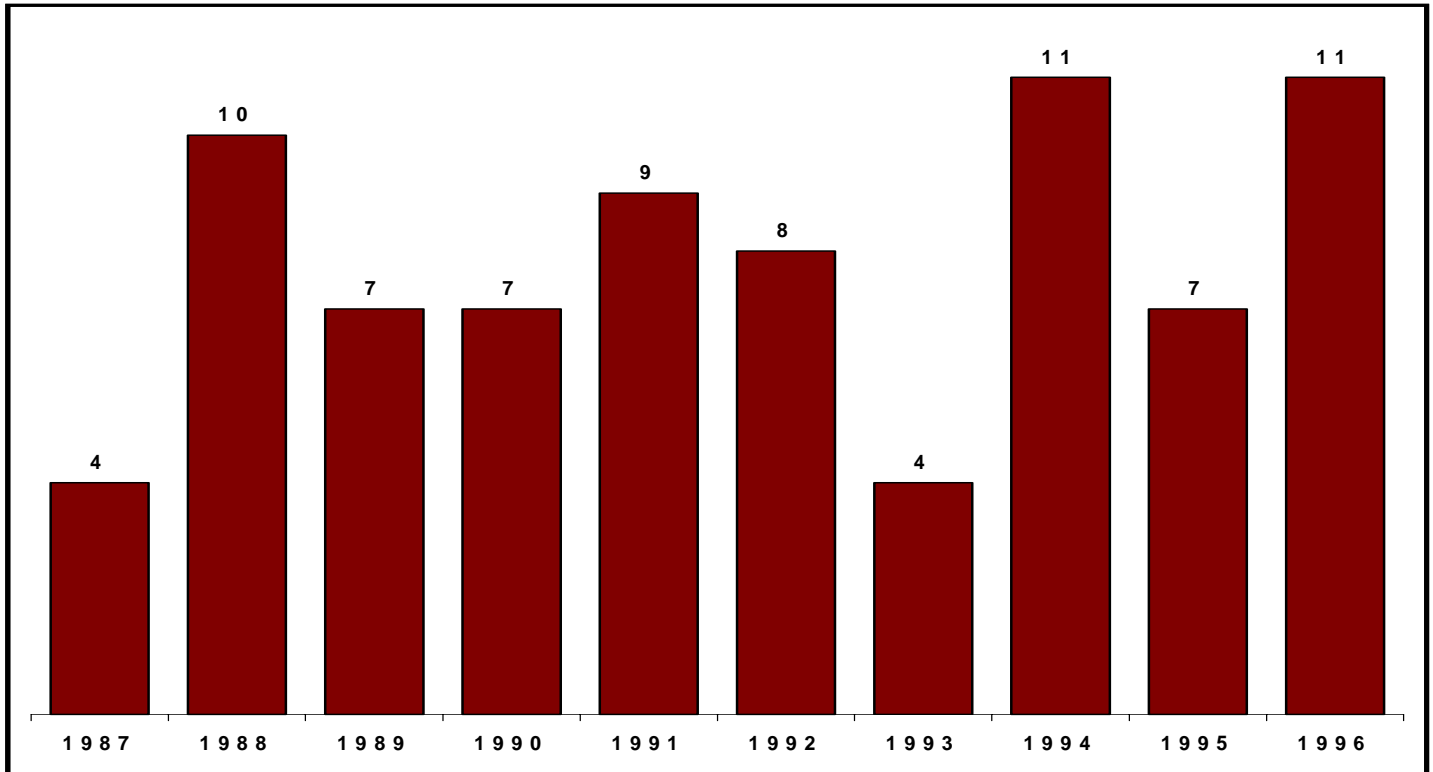


Pedestrian Injuries

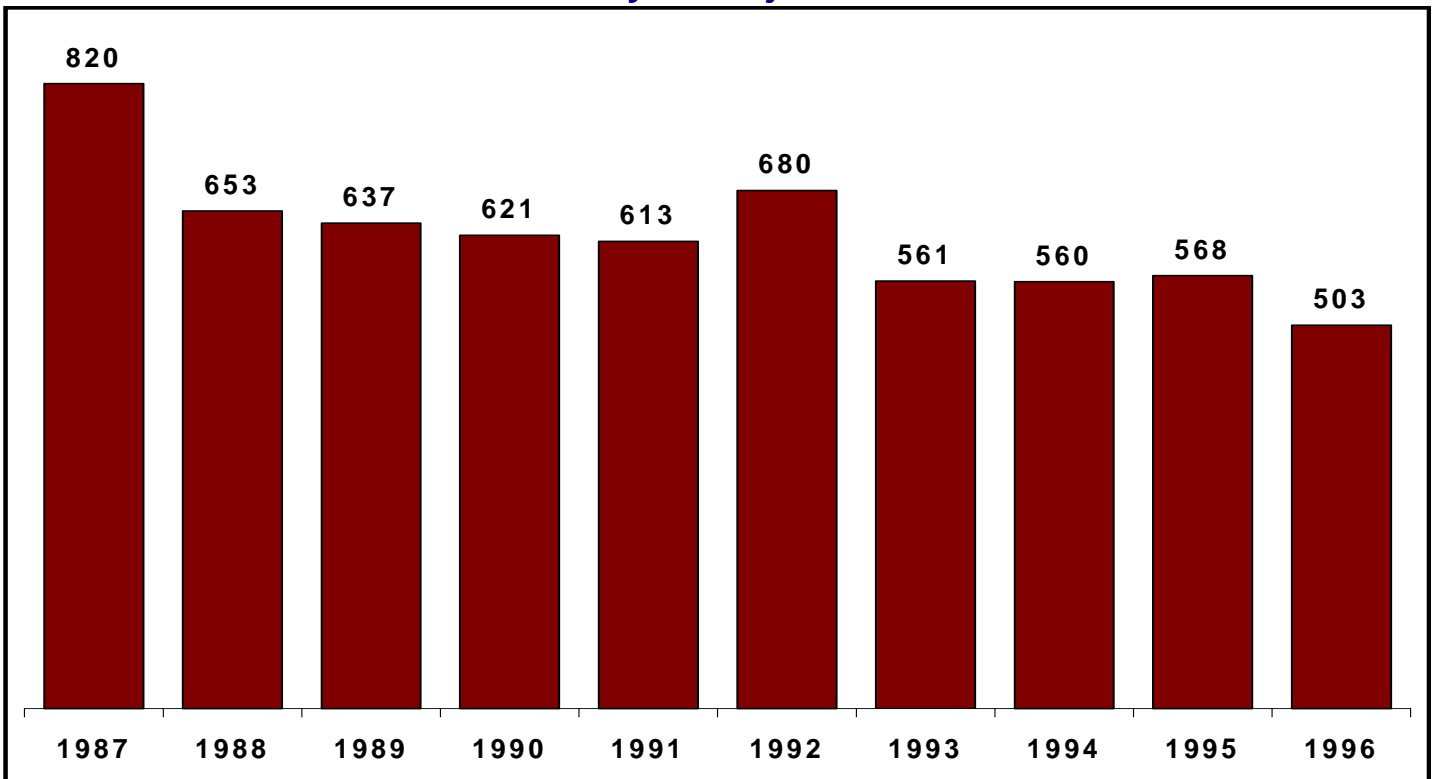


10-Year Iowa Statistics

Bicyclist Fatalities

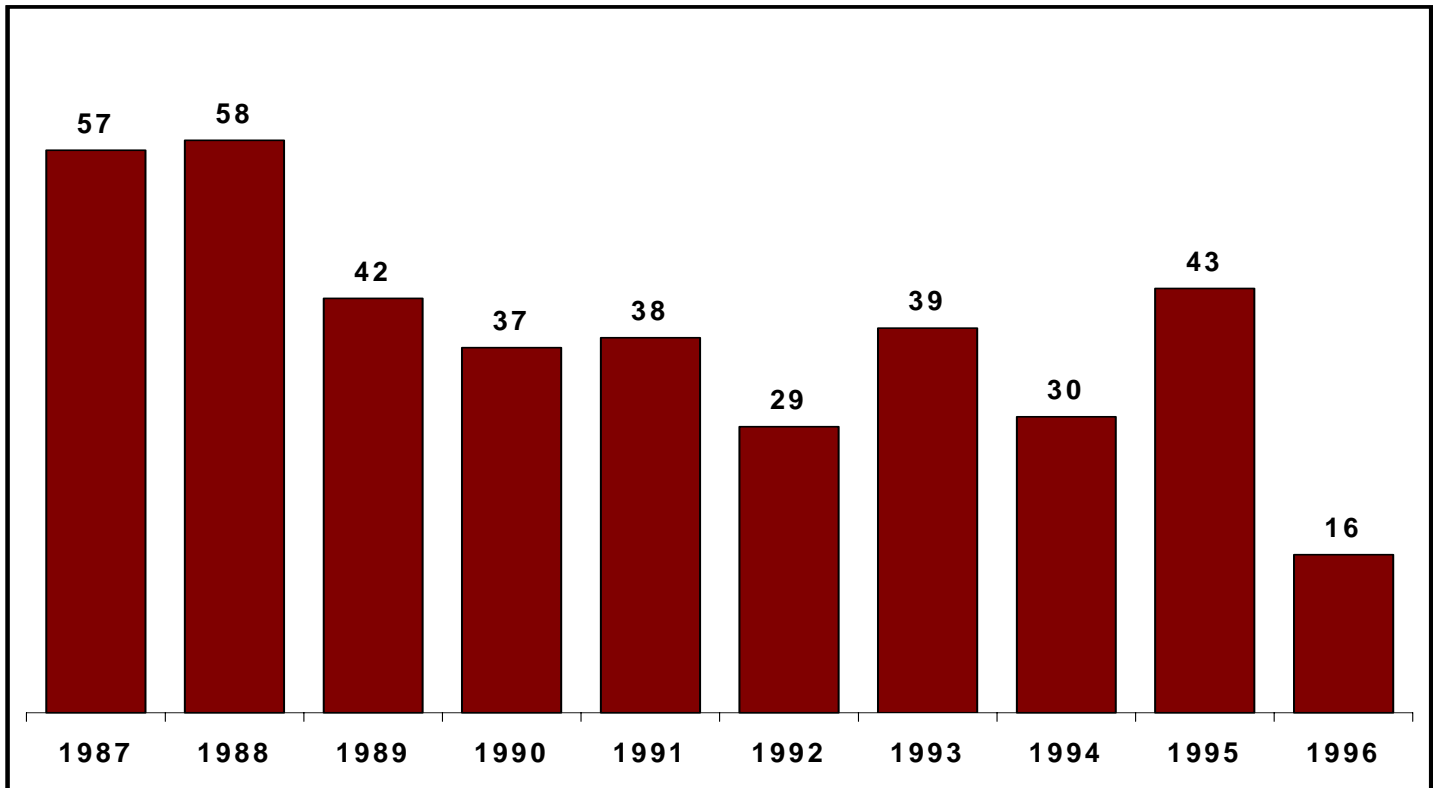


Bicyclist Injuries

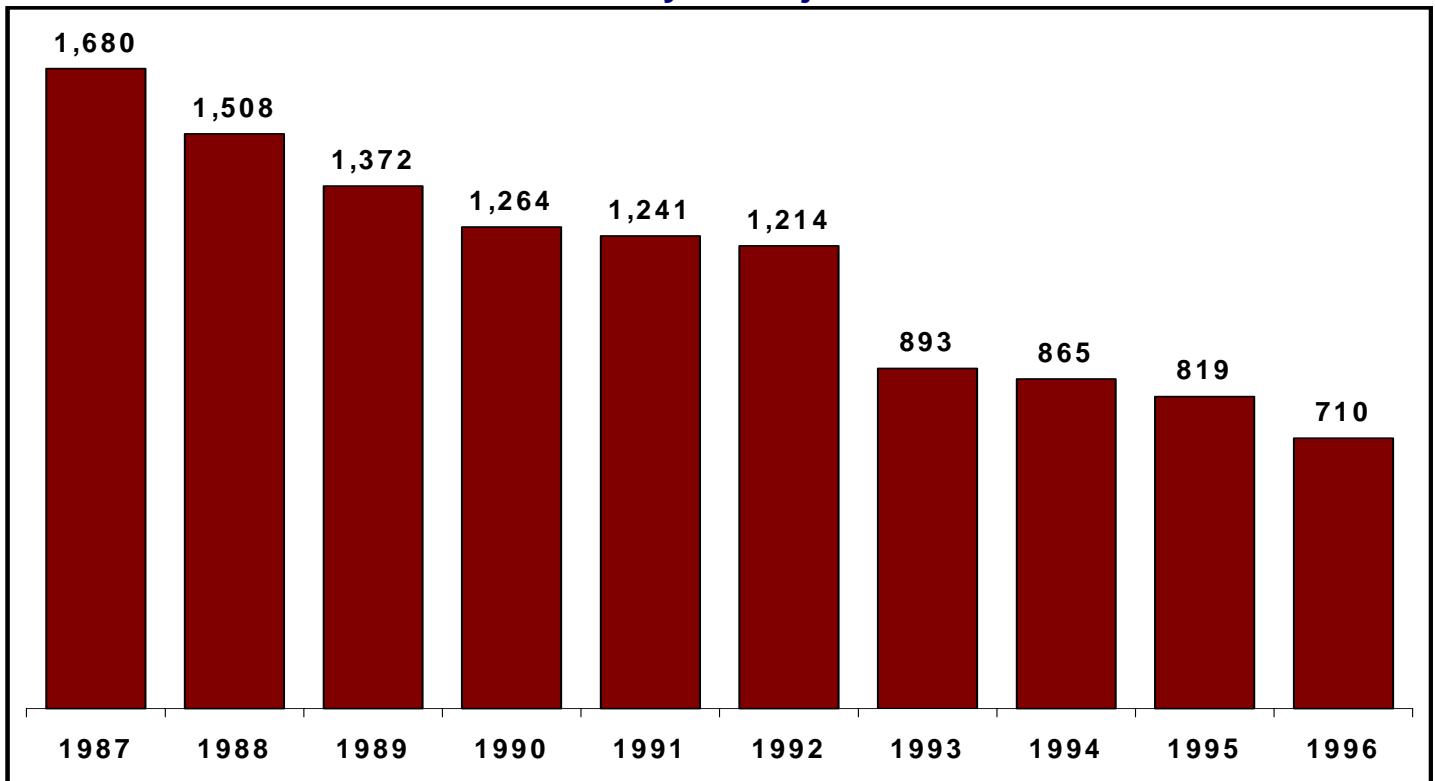


10-Year Iowa Statistics

Motorcyclist Fatalities

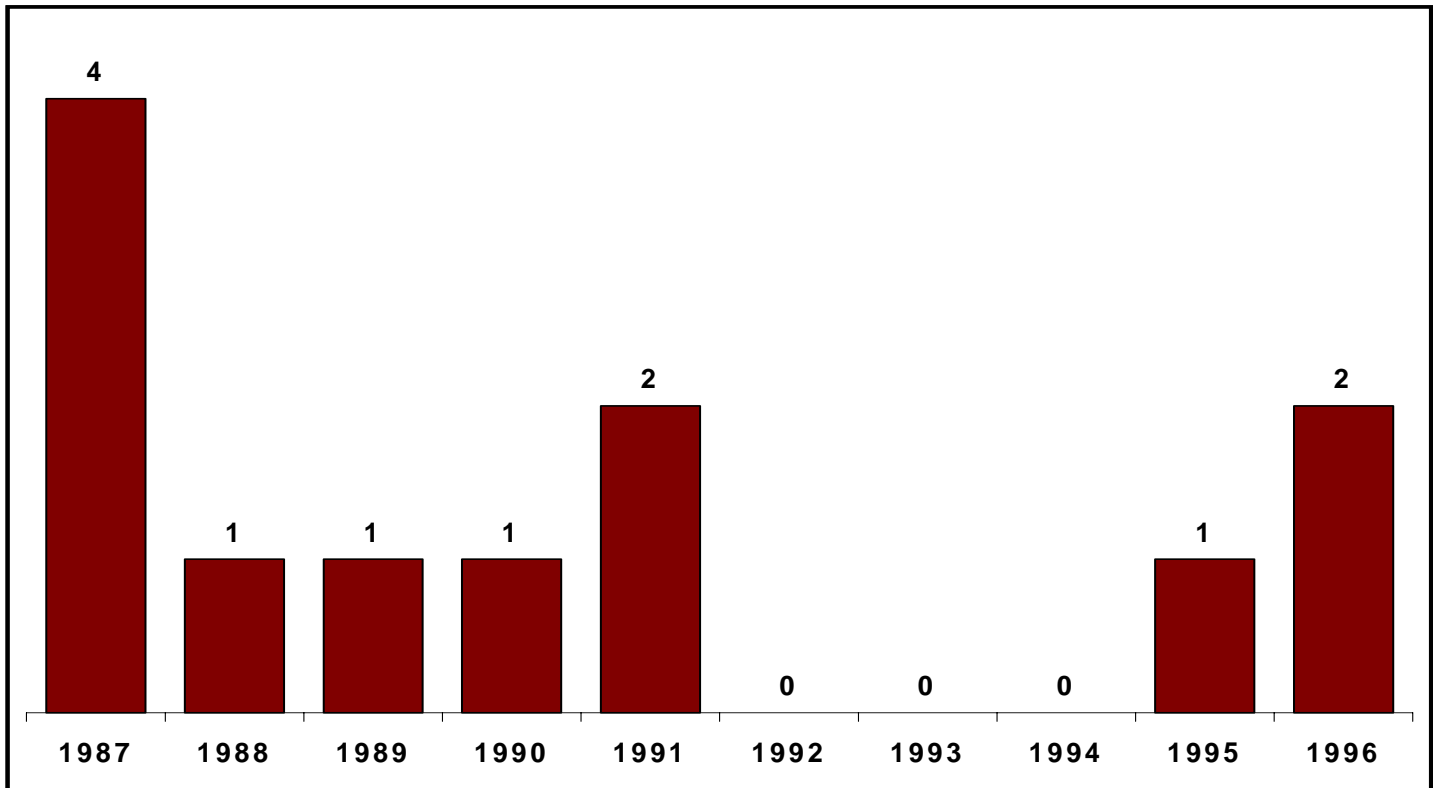


Motorcyclist Injuries

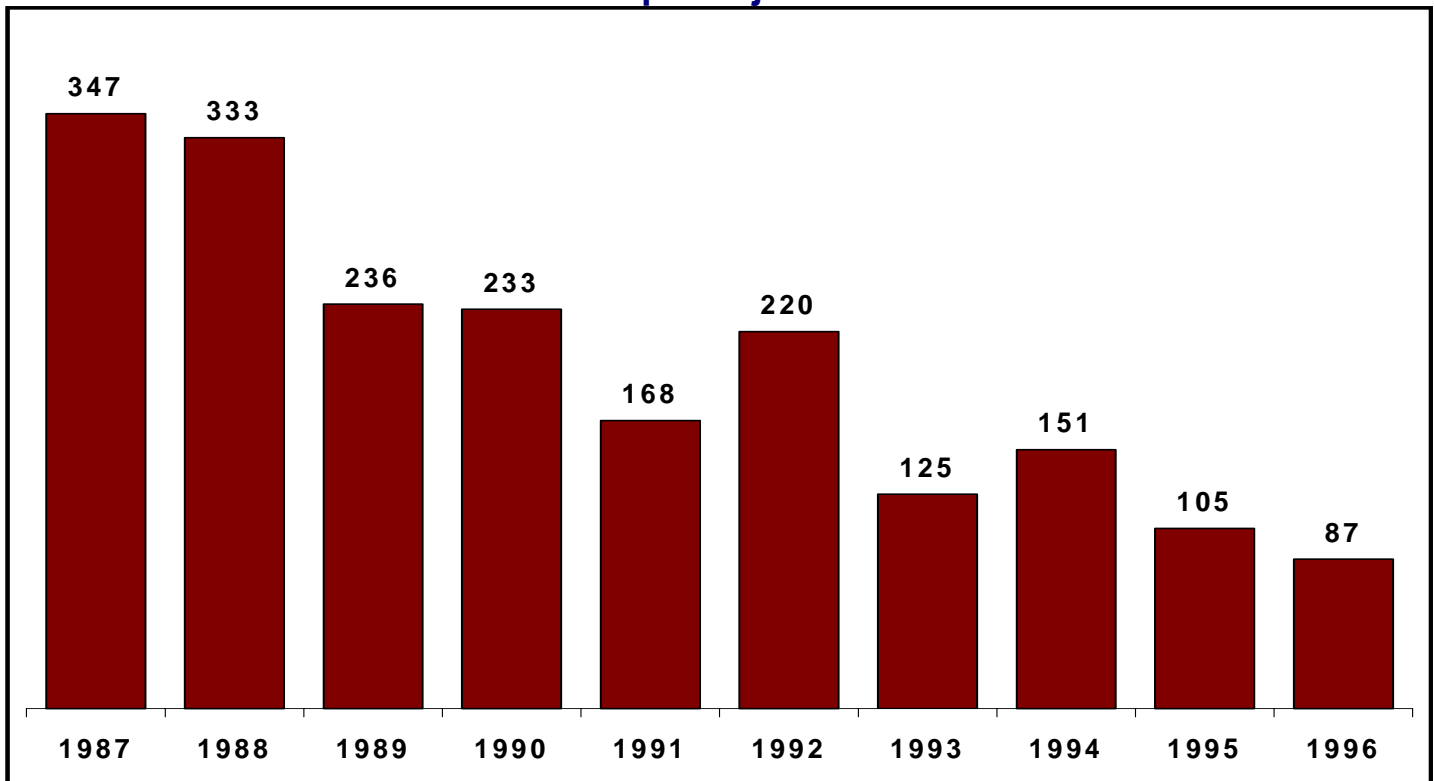


10-Year Iowa Statistics

Moped Fatalities



Moped Injuries

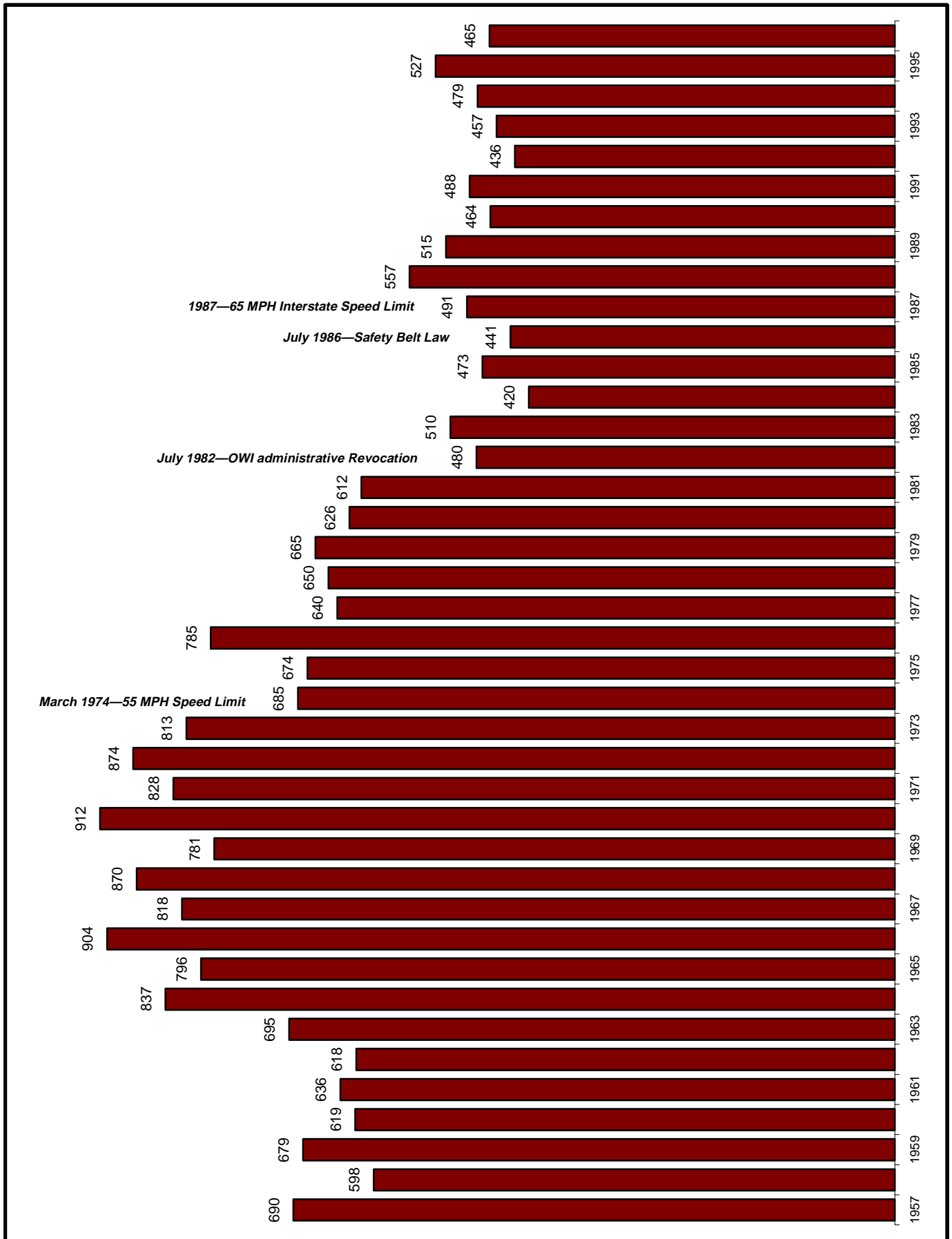


Iowa Statistics

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				
1977	640	32,289	561	22,358	87,771	30,445	1.84	288.30	2.10	2,085,647	2,356,327
1978	650	31,631	563	21,651	91,213	31,147	1.81	292.84	2.09	2,398,656	2,474,790
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

NOTE: Beginning with 1978, motor vehicle registrations includes official vehicles and excludes trailers, travel trailers, miscellaneous vehicles, and trucks licensed to operate in 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.
 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
1977	47,878	42,210	219,758	21.79	138,121	34.66	137,887	34.72	1,467	3.26	2,361	2.03
1978	50,331	44,433	222,093	22.66	140,844	35.74	140,978	35.70	1,545	3.26	2,486	2.02
1979	51,093	45,223	224,569	22.75	143,284	35.66	144,805	35.28	1,529	3.34	2,461	2.08
1980	51,091	45,284	227,255	22.48	145,295	35.16	146,845	34.79	1,527	3.35	2,457	2.08
1981	49,301	44,000	229,637	21.47	147,075	33.52	149,330	33.01	1,553	3.17	2,499	1.97
1982	43,945	39,092	231,996	18.94	150,234	29.25	151,148	29.07	1,595	2.76	2,567	1.71
1983	42,589	37,976	234,284	18.18	154,289	27.60	153,830	27.69	1,653	2.58	2,660	1.60
1984	44,257	39,631	236,477	18.72	155,424	28.48	158,900	27.85	1,720	2.57	2,768	1.60
1985	43,825	39,168	238,741	18.36	156,868	27.94	165,382	26.50	1,774	2.47	2,855	1.54
1986	46,087	41,090	241,078	19.12	159,487	28.90	168,137	27.41	1,835	2.51	2,953	1.56
1987	46,390	41,438	243,400	19.06	161,818	28.67	172,366	26.91	1,921	2.41	3,092	1.50
1988	47,087	42,130	245,785	19.16	162,853	28.91	176,752	26.64	2,026	2.32	3,261	1.44
1989	45,582	40,741	248,239	18.36	165,555	27.53	180,792	25.21	2,096	2.17	3,373	1.35
1990	44,599	39,836	249,415	17.88	167,015	26.70	183,934	24.25	2,144	2.08	3,450	1.29
1991	41,508	36,937	252,137	16.46	168,995	24.56	186,052	22.31	2,172	1.91	3,496	1.19
1992	39,250	34,942	255,078	15.39	173,125	22.67	184,864	21.23	2,247	1.75	3,616	1.09
1993	40,150	35,780	257,908	15.57	173,149	23.19	188,453	21.31	2,297	1.75	3,697	1.09
1994	40,716	36,254	260,350	15.64	175,403	23.21	192,213	21.18	2,358	1.73	3,795	1.07
1995	41,817	37,241	262,755	15.91	176,628	23.68	197,065	21.22	2,423	1.73	3,899	1.07
1996	41,907	37,351	265,284	15.80	179,539	23.34	201,626	20.78	2,482	1.69	3,994	1.05

National Fatality Rates per 100 Million Kilometers Traveled

