



Traffic Safety Facts 1999

Pedestrians



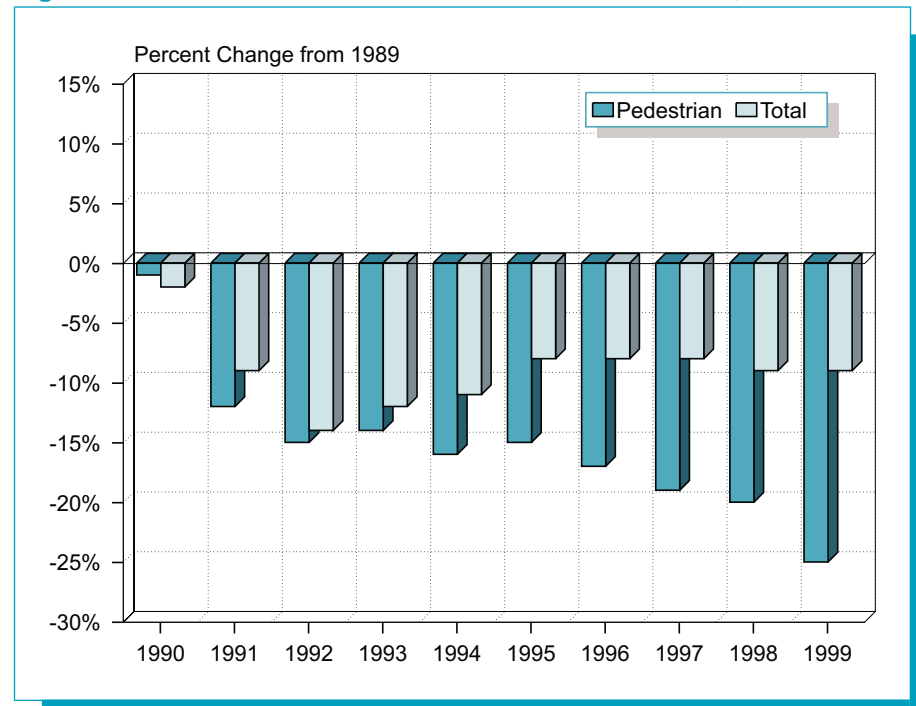
In 1999, 4,906 pedestrians were killed in traffic crashes in the United States — a decrease of 25 percent from the 6,556 pedestrians killed in 1989.

On average, a pedestrian is killed in a traffic crash every 107 minutes.

There were 85,000 pedestrians injured in traffic crashes in 1999.

On average, a pedestrian is injured in a traffic crash every 6 minutes.

Figure 1. Trends in Pedestrian and Total Traffic Fatalities, 1989-1999



“In 1999, 4,906 pedestrians died in traffic crashes — 25 percent below the number reported in 1989.”

Most pedestrian fatalities in 1999 occurred in urban areas (69 percent), at nonintersection locations (79 percent), in normal weather conditions (90 percent), and at night (65 percent).

More than two-thirds (70 percent) of the 1999 pedestrian fatalities were males. The male pedestrian fatality rate per 100,000 population was 2.59 — more than double the rate for females (1.05 per 100,000 population). The male pedestrian injury rate per 100,000 population was 38, compared with 25 for females (see Table 5).

In 1999, almost one-fourth (24 percent) of all children between the ages of 5 and 9 years who were killed in traffic crashes were pedestrians. Nearly one-fifth (19 percent) of all traffic fatalities under age 16 were pedestrians, and 7 percent of all the people under age 16 who were injured in traffic crashes were pedestrians.

Older pedestrians (ages 70+) accounted for 18 percent of all pedestrian fatalities and 6 percent of all pedestrians injured. The death rate for this group, both males and females, was 3.49 per 100,000 population — higher than for any other age group.

Table 1. Pedestrians Killed and Injured by Age Group, 1999

Age Group (years)	Total Killed	Pedestrians Killed	Percentage of Total Killed
0–4	733	163	22
5–9	795	194	24
10–15	1,403	210	15
16–20	5,917	273	5
21–24	3,884	231	6
25–29	3,641	286	8
30–34	3,180	334	11
35–39	3,423	454	13
40–44	3,296	451	14
45–49	2,702	382	14
50–54	2,206	310	14
55–59	1,814	271	15
60–64	1,421	212	15
65–69	1,471	208	14
70+	5,617	876	16
Unknown	108	51	—
Total	41,611	4,906	12
Age Group (years)	Total Injured	Pedestrians Injured	Percentage of Total Injured
0–4	76,000	3,000	4
5–9	112,000	10,000	9
10–15	185,000	14,000	8
16–20	574,000	8,000	1
21–24	315,000	4,000	1
25–29	331,000	7,000	2
30–34	296,000	7,000	2
35–39	288,000	5,000	2
40–44	237,000	6,000	2
45–49	211,000	5,000	3
50–54	170,000	4,000	2
55–59	115,000	2,000	2
60–64	78,000	2,000	3
65–69	75,000	3,000	4
70+	171,000	5,000	3
Total	3,236,000	85,000	3

“Almost one-fourth of the children between 5 and 9 years old killed in traffic crashes in 1999 were pedestrians.”

Pedestrian fatalities accounted for 85 percent of all nonoccupant fatalities in 1999. The 750 pedalcyclist fatalities accounted for 13 percent, and the remaining 3 percent were skateboard riders, roller skaters, etc.

Table 2. Nonoccupant Traffic Fatalities, 1989-1999

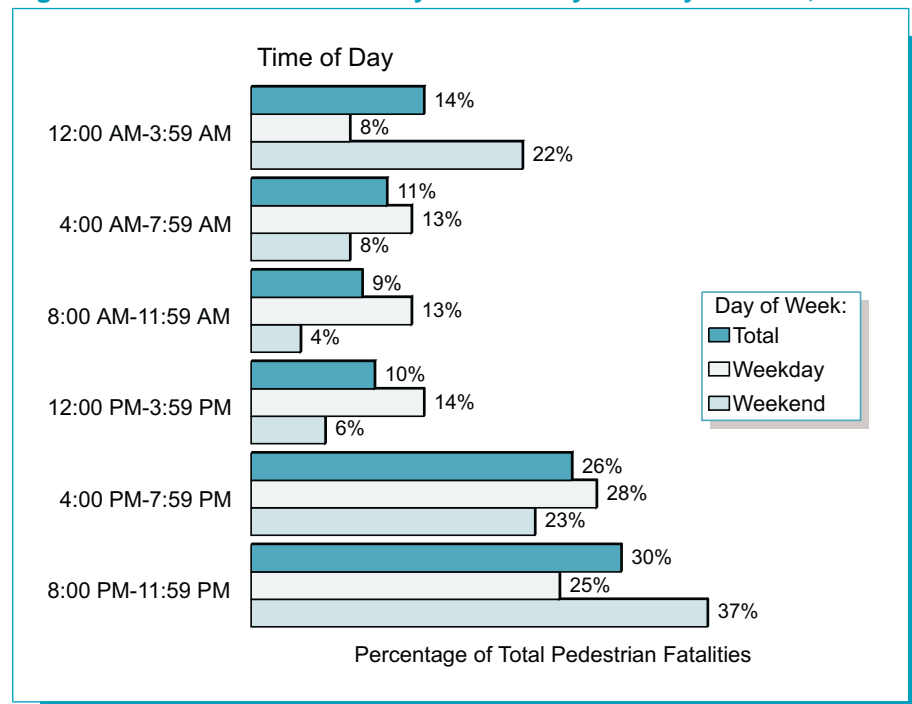
Year	Pedestrian	Pedalcyclist	Other	Total
1989	6,556	832	107	7,495
1990	6,482	859	124	7,465
1991	5,801	843	124	6,768
1992	5,549	723	98	6,370
1993	5,649	816	111	6,576
1994	5,489	802	107	6,398
1995	5,584	833	109	6,526
1996	5,449	765	154	6,368
1997	5,321	814	153	6,288
1998	5,228	760	131	6,119
1999	4,906	750	149	5,805

“Forty-four percent of all young pedestrian fatalities (under 16) occurred between 4 and 8 PM.”

Forty-four percent of the 567 pedestrian fatalities under 16 years of age were killed in crashes that occurred between 4:00 PM and 8:00 PM.

Nearly one-half of all pedestrian fatalities occurred on Friday, Saturday, or Sunday: 17 percent, 18 percent, and 13 percent, respectively.

Figure 2. Pedestrian Fatalities by Time of Day and Day of Week, 1999



Alcohol involvement — either for the driver or for the pedestrian — was reported in 47 percent of the traffic crashes that resulted in pedestrian fatalities. Of the pedestrians involved, 31 percent were intoxicated, with blood alcohol concentrations (BAC) of 0.10 grams per deciliter (g/dl) or greater. The intoxication rate for the drivers involved was only 12 percent, less than one-half that for the pedestrians. In 5 percent of the crashes, both the driver and the pedestrian were intoxicated.

“Alcohol involvement — either for the driver or for the pedestrian — was reported in nearly one-half of all pedestrian fatalities.”

Table 3. Alcohol Involvement in Fatal Pedestrian Crashes, 1999

	No Driver Alcohol Involvement	Driver Alcohol Involvement, BAC 0.01-0.09 g/dl	Driver Alcohol Involvement, BAC 0.10 g/dl or Greater	Total
No Pedestrian Alcohol Involvement	53%	3%	6%	2,994 62%
Pedestrian Alcohol Involvement, BAC 0.01-0.09 g/dl	5%	1%	1%	309 6%
Pedestrian Alcohol Involvement, BAC 0.10 g/dl or Greater	23%	3%	5%	1,514 31%
Total	3,907 81%	312 6%	598 12%	4,817 100%

Table 4. Alcohol Involvement for Pedestrians Killed in Fatal Crashes by Age, 1989 and 1999

Age (years)	1989		1999		Change in Percentage, 1989-1999
	Number of Fatalities	Percentage with BAC 0.10 g/dl or Greater	Number of Fatalities	Percentage with BAC 0.10 g/dl or Greater	
16-20	383	37	273	34	-8
21-24	387	50	231	44	-12
25-34	1,165	54	620	46	-15
35-44	911	49	905	50	+2
45-54	604	44	692	41	-7
55-64	640	33	483	32	-3
Over 64	1,467	9	1,084	10	+11
Total*	5,557	36	4,288	34	-6

*Excludes pedestrians under 16 years old and pedestrians of unknown age.

Table 5. Pedestrians Killed and Injured and Fatality and Injury Rates by Age and Sex, 1999

Age (years)	Male			Female			Total		
	Killed	Population (thousands)	Fatality Rate*	Killed	Population (thousands)	Fatality Rate*	Killed	Population (thousands)	Fatality Rate*
0-4	102	9,683	1.05	61	9,259	0.66	163	18,942	0.86
5-9	115	10,208	1.13	79	9,739	0.81	194	19,947	0.97
10-15	131	11,974	1.09	79	11,395	0.69	210	23,369	0.90
16-20	201	10,187	1.97	72	9,638	0.75	273	19,826	1.38
21-24	178	7,185	2.48	53	6,943	0.76	231	14,128	1.64
25-34	472	18,826	2.51	148	19,110	0.77	620	37,936	1.63
35-44	667	22,254	3.00	238	22,558	1.06	905	44,813	2.02
45-54	547	17,499	3.13	145	18,303	0.79	692	35,802	1.93
55-64	336	11,150	3.01	147	12,239	1.20	483	23,389	2.07
65-69	150	4,337	3.46	58	5,111	1.13	208	9,447	2.20
70-79	289	6,919	4.18	190	9,182	2.07	479	16,101	2.98
80+	219	3,054	7.17	178	5,938	3.00	397	8,992	4.41
Unknown	40	—	—	10	—	—	**51	—	—
Total	3,447	133,277	2.59	1,458	139,414	1.05	4,906	272,691	1.80

Age (years)	Male			Female			Total		
	Injured	Population (thousands)	Injury Rate*	Injured	Population (thousands)	Injury Rate*	Injured	Population (thousands)	Injury Rate*
0-4	2,000	9,683	20	1,000	9,259	15	3,000	18,942	18
5-9	6,000	10,208	62	4,000	9,739	39	10,000	19,947	51
10-15	7,000	11,974	62	7,000	11,395	58	14,000	23,369	60
16-20	5,000	10,187	52	2,000	9,638	23	8,000	19,826	38
21-24	3,000	7,185	42	1,000	6,943	12	4,000	14,128	27
25-34	8,000	18,826	45	5,000	19,110	29	14,000	37,936	37
35-44	7,000	22,254	30	4,000	22,558	17	11,000	44,813	24
45-54	5,000	17,499	30	4,000	18,303	22	9,000	35,802	26
55-64	2,000	11,150	16	3,000	12,239	24	5,000	23,389	20
65-69	2,000	4,337	38	1,000	5,111	22	3,000	9,447	29
70-79	2,000	6,919	23	1,000	9,182	16	3,000	16,101	19
80+	1,000	3,054	21	1,000	5,938	22	2,000	8,992	22
Total	50,000	133,277	38	35,000	139,414	25	85,000	272,691	31

* Rate per 100,000 population.

** Includes 1 fatality of unknown sex.

Note: Totals may not equal sum of components due to independent rounding.

Source: Population — Bureau of the Census projections.

For more information:

Information on pedestrian traffic fatalities is available from the National Center for Statistics and Analysis, NRD-31, 400 Seventh Street, S.W., Washington, D.C. 20590. NCSA information can also be obtained by telephone or by fax-on-demand at 1-800-934-8517. FAX messages should be sent to (202) 366-7078. General information on highway traffic safety can be accessed by Internet users at <http://www.nhtsa.dot.gov/people/nlsa>. To report a safety-related problem or to inquire about motor vehicle safety information, contact the Auto Safety Hotline at 1-800-424-9393.

Table 6. Pedestrian Traffic Fatalities and Fatality Rates by State, 1999

State	Total Traffic Fatalities	Resident Population (thousands)	Pedestrian Fatalities	Percent of Total	Pedestrian Fatalities per 100,000 Population
Alabama	1,138	4,370	86	7.6	2.0
Alaska	76	620	7	9.2	1.1
Arizona	1,024	4,778	143	14.0	3.0
Arkansas	604	2,551	41	6.8	1.6
California	3,559	33,145	665	18.7	2.0
Colorado	626	4,056	63	10.1	1.6
Connecticut	301	3,282	51	16.9	1.6
Delaware	100	754	12	12.0	1.6
District of Columbia	41	519	16	39.0	3.1
Florida	2,918	15,111	487	16.7	3.2
Georgia	1,508	7,788	159	10.5	2.0
Hawaii	98	1,185	21	21.4	1.8
Idaho	278	1,252	14	5.0	1.1
Illinois	1,456	12,128	175	12.0	1.4
Indiana	1,013	5,943	67	6.6	1.1
Iowa	490	2,869	17	3.5	0.6
Kansas	537	2,654	33	6.1	1.2
Kentucky	814	3,961	52	6.4	1.3
Louisiana	924	4,372	106	11.5	2.4
Maine	181	1,253	11	6.1	0.9
Maryland	590	5,172	114	19.3	2.2
Massachusetts	414	6,175	74	17.9	1.2
Michigan	1,382	9,864	173	12.5	1.8
Minnesota	625	4,776	51	8.2	1.1
Mississippi	927	2,769	60	6.5	2.2
Missouri	1,094	5,468	65	5.9	1.2
Montana	220	883	7	3.2	0.8
Nebraska	295	1,666	14	4.7	0.8
Nevada	350	1,809	67	19.1	3.7
New Hampshire	141	1,201	5	3.5	0.4
New Jersey	727	8,143	154	21.2	1.9
New Mexico	460	1,740	52	11.3	3.0
New York	1,548	18,197	351	22.7	1.9
North Carolina	1,505	7,651	155	10.3	2.0
North Dakota	119	634	4	3.4	0.6
Ohio	1,430	11,257	122	8.5	1.1
Oklahoma	739	3,358	59	8.0	1.8
Oregon	414	3,316	48	11.6	1.4
Pennsylvania	1,549	11,994	183	11.8	1.5
Rhode Island	88	991	14	15.9	1.4
South Carolina	1,065	3,886	113	10.6	2.9
South Dakota	150	733	11	7.3	1.5
Tennessee	1,285	5,484	74	5.8	1.3
Texas	3,518	20,044	426	12.1	2.1
Utah	360	2,130	38	10.6	1.8
Vermont	90	594	4	4.4	0.7
Virginia	877	6,873	85	9.7	1.2
Washington	634	5,756	60	9.5	1.0
West Virginia	395	1,807	29	7.3	1.6
Wisconsin	745	5,250	54	7.2	1.0
Wyoming	189	480	14	7.4	2.9
U.S. Total	41,611	272,691	4,906	11.8	1.8
Puerto Rico	558	3,890	194	34.8	5.0

Note: Totals may not equal sum of components due to independent rounding.

Sources: Fatalities — Fatality Analysis Reporting System, NHTSA. Population — Bureau of the Census.