

# 1999 Ohio Traffic Crash Facts



## The Ohio Department of Public Safety

Bob Taft, Governor  
Maureen O'Connor, Lt. Governor/Director

#### **Mission Statement**

*"to save lives, reduce injuries and economic loss, to administer Ohio's motor vehicle laws and to preserve the safety and well being of all citizens with the most cost-effective and service-oriented methods available."*



# **Ohio Department of Public Safety 1999 Traffic Crash Facts**

## **DISCLAIMER**

Information contained in this report represents traffic crash data and supporting information from the Ohio Integrated Traffic Records System and various other state agency sources. Data presented herein represents the contents of those files on or about September 5, 2000. Most of the data files used to generate this report are subject to minor changes over time due to continuing efforts to assure the data contained therein is as accurate as possible. As such, some details of these reports may not be duplicable from the current Ohio Integrated Traffic Records System data files.



Ohio Department of Public Safety  
1999 Traffic Crash Facts

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# CHAPTER 1

# GENERAL STATISTICS



# CHAPTER 1

## GENERAL STATISTICS

**Economic Loss** - The cost of crashes is used to allow incorporation of those property damage crashes that are reported (the vast majority) as well as to recognize the significantly higher societal cost of fatal crashes. The United States Department of Transportation (US-DOT) cost estimates are used for fatal, injury and property damage crashes. Currently, Ohio is using the following costs for crashes as defined within FHWA-RD-91-055, representing the most current thoughts relative to direct and indirect costs of traffic crashes. Beginning with 1991 final statistics, the Ohio Department of Public Safety (ODPS) has used the following costs, as prescribed in that bulletin:

**TABLE 1.00**  
**ECONOMIC COST OF TRAFFIC CRASHES**

Severity of Crash	Average Cost Per Crash	Average Cost Per Incident
Fatal Crash	\$ 2,723,000	\$ 2,393,000
Injury Crash	\$ 70,000	\$ 46,000
Incapacitating	\$ 229,000	\$ 170,000
Evident	\$ 48,000	\$ 33,000
Claimed	\$ 25,000	\$ 17,000
Property Damage Only	\$ 4,500	\$ 1,700

In Table 1.00, the cost of a crash "per incident" represents the cost per person killed or injured. Due to differences between Ohio and national distributions of fatal, injury, and property damage crashes, the computed costs will differ, depending upon the choice of a "per crash" or a "per incident" measure. In most cases, the "per crash" statistics are used.

# Definitions

**Alcohol-Related Crash:** A crash in which a vehicle driver or pedestrian had been drinking.

**Blood Alcohol Concentration (BAC):** The level of alcohol in a person's bloodstream. In Ohio, the legal limit of .10 equals a blood alcohol concentration of one part per thousand.

**Child Safety Seat:** Safety devices designed to fit in motor vehicles that keep children securely in place. The seats are required by law for children who weigh either under 40 pounds or who are less than four years old, or both.

**Crash:** An occurrence involving a moving motor vehicle that produces bodily injury or property damage. Crashes are generally caused by driver error, a defect in the vehicle or in the road pavement, or an obstruction on the pavement. It occurs on a road, or after the motor vehicle runs off the road, but before events are stabilized.

**Drinking Driver or Pedestrian:** A person identified as one who had been drinking at the time of the crash regardless of the level of impairment.

**Driver:** Any person of any age operating a vehicle, including non-motorized vehicles.

**Driver In Error:** A term that identifies the person, animal or condition that was the primary cause of a motor vehicle crash.

**Fatality vs. Fatal Crash:** A fatality is a death that results from a traffic crash. A fatal crash is a motor vehicle crash (single or multiple) that results in the death of one or more people. A fatal crash can cause one or more fatalities.

**Injury (motor vehicle-related):** Personal injuries are classified by the reporting offices as follows:

1. Fatality -- an injury that results in death within 30 days after the crash.
2. Serious visible injury -- an injury other than a fatality that prevents the injured person from continuing the normal activities he/she was capable of performing prior to the crash.
3. Minor visible injury -- an injury, other than a fatality or serious injury, which is evident to the observer at the crash scene.
4. No visible injury -- an injury that is not evident to the observer, but is claimed by the person, or suspected because of behavior.

**Moped:** A pedalcycle that has a motor.

**Motorcycle:** A motorized two-wheeled or three-wheeled vehicle with more than five-brake horsepower.

# DEFINITIONS

## Continued

**Motor Vehicle:** Any self-propelled vehicle that does not run on rails. Examples include, but are not limited to, automobiles, trucks, tractor-trailers and motorcycles.

**Occupant Restraints:** Devices found in motor vehicles for the protection of vehicle occupants that keep the driver and passengers in their seats, preventing them from being ejected from the motor vehicle upon impact. Restraint devices include lap belts, lab/shoulder harness combinations, and air bags.

**Occupant Restraint Usage:** The usage of occupant restraints reported in this document is based on either the usage indicated in traffic crash reports or observed usage. Usage rates from field observations include front seat occupants and small children covered by Ohio's child safety seat law.

**Property Damage Crash (PDO):** A traffic crash that results in no injuries or fatalities. Ohio law requires that all crashes resulting in more than \$400 in damage be reported to the Ohio Department of Public Safety on the OH-1 Traffic Crash Report.

**Rural Area:** An unincorporated or incorporated area with a population under 2,500.

**Single vs. Multiple Vehicle Crashes:** Single vehicle crashes involve only one motor vehicle, but may include pedestrians. Multiple vehicle crashes involve two or more vehicles and may also include pedestrians.

**Speed Related Crash:** A traffic crash in which one or more vehicles were reported as exceeding the posted speed limit and/or where the reporting officer indicated that excessive tablespeed for roadway conditions or loss of control was a contributing factor.

**Urban Area:** An area that is incorporated, usually a city with a population of 2,500 or more people.

**Youthful Driver:** A driver is considered a youthful driver if his or her age at the time of the crash was between 16 and 24, inclusive.

**NOTE:** All percentages and dollar figures without a decimal are rounded. Therefore, totals for those columns are generated from the statistics, not by adding up the columns.

Urban/Rural statistics do not include those which are "Not Stated".

**TABLE 1.01  
OHIO MOTOR VEHICLE CRASH HIGHLIGHTS**

	1998	1999		1998	1999
<b>CRASHES</b>			<b>ALCOHOL-RELATED CRASHES</b>		
Fatal	1,290	1,284	Fatal	344	357
Injury	123,785	121,078	Injury	11,711	11,132
Property Damage	252,845	263,342	Property Damage	12,124	11,667
Total	377,920	385,704	Total	24,179	23,156
Urban	230,127	232,414	Deaths	374	394
Rural	147,793	153,250	Injuries	18,783	17,796
<b>INJURIES</b>			Urban Alcohol Crashes	13,391	12,732
Serious Visible	9,018	8,391	Urban Alcohol Fatalities	122	113
Minor Visible	62,021	59,425	Urban Alcohol Injuries	10,093	9,463
Non-Visible Claimed	140,167	137,242	Rural Alcohol Crashes	10,788	10,421
Total Non-Fatal Injuries	211,206	205,058	Rural Alcohol Fatalities	252	281
Total Fatalities	1,423	1,430	Rural Alcohol Injuries	8,690	8,329
<b>DRIVERS</b>			<b>ROADS &amp; MILEAGE</b>		
Total Licensed Drivers	7,556,491	8,403,219	Total Highway Miles	113,688	116,370
Total Drivers in Crashes	687,609	662,852	Million Vehicle-Miles Traveled	106,029	106,407
Drinking Drivers in Crashes	24,803	23,764	Million Vehicle-Kilometers	170,601	171,209
<b>VEHICLES</b>			<b>RATES</b>		
Total Registered Vehicles	11,399,641	11,581,700	* Per 100 Million Miles Traveled		
Passenger Cars	500,941	501,678	Death Rate	1.34	1.34
Trucks	160,929	167,135	Injury Rate	199.20	192.71
Motorcycles	3,394	3,648	Crash Rate	356.43	362.48
All Other Vehicles	25,247	27,746	** Per 100 Million Kilometers		
<b>TOTAL VEHICLES IN CRASHES</b>	<b>690,511</b>	<b>700,207</b>	Traveled		
<b>PEDESTRIANS</b>			Death Rate	0.83	0.84
Pedestrians Killed	137	123	Injury Rate	123.80	119.77
Pedestrians Injured	3,897	3,562	Crash Rate	221.52	225.28
<b>PASSENGERS</b>			<b>ECONOMIC LOSS</b>		
Total Passengers in Crashes	248,662	248,299	(Thousands of Dollars)		
			Fatal Crashes	3,512,670	3,496,332
			Injury Crashes	8,664,950	8,475,460
			Property Damage Crashes	1,137,803	1,185,039
			Total Economic Loss	13,315,423	13,156,831

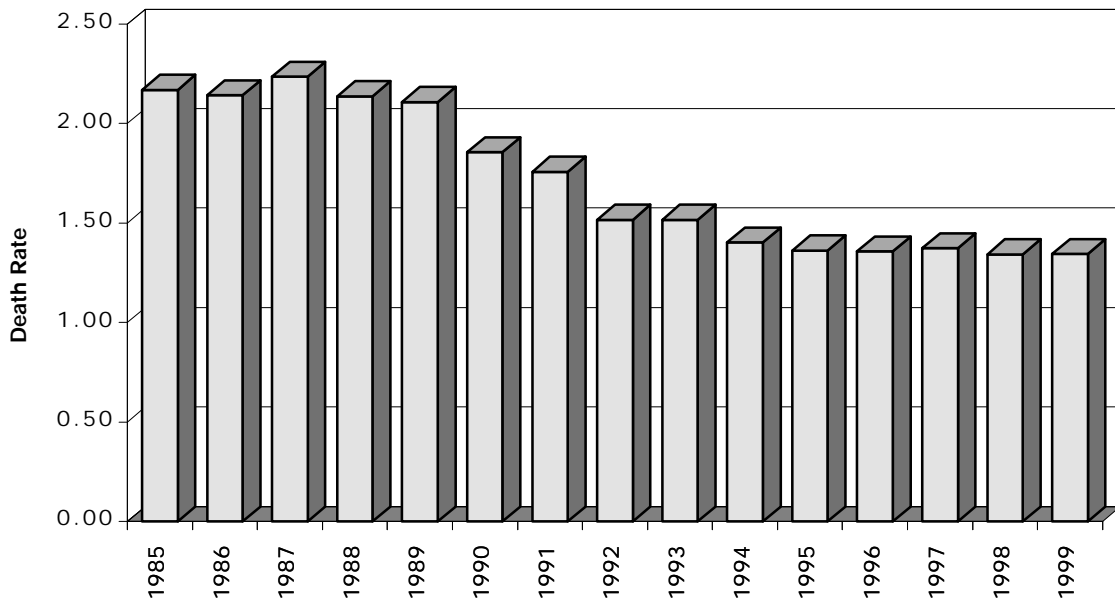


**TABLE 1.02  
ECONOMIC LOSS IN CRASHES - 1985 - 1999**

Year	Total	Fatal	Injury	Property Damage	Economic Loss	Deaths	Annual Travel	Death Rate
1985	373,069	1,478	118,790	252,801	\$13,477,499	1,644	75,798	2.17
1986	369,383	1,503	119,729	248,151	\$13,590,379	1,673	78,073	2.14
1987	380,401	1,588	124,041	254,772	\$14,153,468	1,772	79,252	2.24
1988	385,776	1,586	126,504	257,686	\$14,333,545	1,748	81,765	2.14
1989	388,854	1,574	127,580	259,700	\$14,385,252	1,772	84,054	2.11
1990	373,525	1,479	125,834	246,212	\$13,943,651	1,637	88,197	1.86
1991	350,279	1,451	116,689	232,139	\$13,163,929	1,635	93,002	1.76
1992	357,055	1,303	119,509	235,646	\$12,974,106	1,440	94,961	1.52
1993	362,063	1,327	121,588	239,148	\$13,200,747	1,479	97,522	1.52
1994	370,373	1,210	123,102	246,061	\$13,019,245	1,368	97,522	1.40
1995	383,383	1,216	127,961	254,206	\$13,412,365	1,357	99,679	1.36
1996	395,113	1,248	130,793	263,072	\$13,737,638	1,395	102,809	1.36
1997	386,852	1,268	128,296	257,288	\$13,591,280	1,439	104,839	1.37
1998	377,920	1,290	123,785	252,845	\$13,315,423	1,423	106,029	1.34
1999	385,704	1,284	121,078	263,342	\$13,156,831	1,430	106,407	1.34
<b>Average</b>	<b>375,983</b>	<b>1,387</b>	<b>123,685</b>	<b>250,871</b>	<b>\$13,563,690</b>	<b>1,547</b>	<b>92,661</b>	<b>1.71</b>

Note: Economic loss in thousands of dollars.

**FIGURE 1.1  
DEATH RATE OVER THE YEARS**



**TABLE 1.03  
DEATH TOLL AND RATES THROUGH THE YEARS 1939 - 1999**

<b>Year</b>	<b>Annual Death Toll</b>	<b>Annual Travel AMVMT *</b>	<b>Death Rate MVMT **</b>	<b>Annual Travel AMVKT ***</b>	<b>Death Rate MVKT ****</b>
1939	1,903	15,509	12.27	24,954	7.63
1940	2,070	16,613	12.46	26,730	7.74
1941	2,458	18,221	13.49	29,318	8.38
1942	1,783	15,765	11.31	25,366	7.03
1943	1,331	12,761	10.43	20,532	6.48
1944	1,340	12,171	11.01	19,583	6.84
1945	1,545	13,869	11.14	22,315	6.92
1946	1,823	18,340	9.94	29,509	6.18
1947	1,830	20,022	9.14	32,215	5.68
1948	1,856	22,095	8.40	35,551	5.22
1949	1,716	23,604	7.27	37,979	4.52
<b>1940-49</b>	<b>17,752</b>	<b>173,461</b>	<b>10.23</b>	<b>279,099</b>	<b>6.36</b>
1950	1,754	25,129	6.98	40,433	4.34
1951	1,778	26,817	6.63	43,149	4.12
1952	2,013	28,716	7.01	46,204	4.36
1953	2,047	30,690	6.67	49,380	4.15
1954	1,883	31,754	5.93	51,092	3.69
1955	2,074	32,868	6.31	52,885	3.92
1956	2,023	34,581	5.85	55,641	3.64
1957	2,053	35,892	5.72	57,750	3.55
1958	1,817	37,006	4.91	59,543	3.05
1959	1,853	37,971	4.88	61,095	3.03
<b>1950-59</b>	<b>19,295</b>	<b>321,424</b>	<b>6.00</b>	<b>517,171</b>	<b>3.73</b>

**TABLE 1.03  
DEATH TOLL AND RATES THROUGH THE YEARS 1939 - 1999**

<b>Year</b>	<b>Annual Death Toll</b>	<b>Annual Travel AMVMT *</b>	<b>Death Rate MVMT **</b>	<b>Annual Travel AMVKT ***</b>	<b>Death Rate MVKT ****</b>
1960	1,907	38,682	4.93	62,239	3.06
1961	1,679	39,413	4.26	63,416	2.65
1962	1,864	40,086	4.65	64,498	2.89
1963	2,011	42,071	4.78	67,692	2.97
1964	2,108	44,379	4.75	71,406	2.95
1965	2,333	46,754	4.99	75,227	3.10
1966	2,605	48,241	5.40	77,620	3.36
1967	2,533	49,764	5.09	80,070	3.16
1968	2,555	52,789	4.84	84,938	3.01
1969	2,778	55,783	4.98	89,755	3.10
<b>1960-69</b>	<b>22,373</b>	<b>457,962</b>	<b>4.89</b>	<b>736,861</b>	<b>3.04</b>
1970	2,575	55,978	4.60	90,069	2.86
1971	2,381	61,051	3.90	98,231	2.42
1972	2,451	63,497	3.86	102,167	2.40
1973	2,385	65,164	3.66	104,849	2.27
1974	1,900	63,123	3.01	101,565	1.87
1975	1,809	64,149	2.82	103,216	1.75
1976	1,930	67,014	2.88	107,826	1.79
1977	1,873	69,888	2.68	112,450	1.67
1978	2,048	72,113	2.84	116,030	1.77
1979	2,281	73,109	3.12	117,632	1.94
<b>1970-79</b>	<b>21,633</b>	<b>655,086</b>	<b>3.30</b>	<b>1,054,033</b>	<b>2.05</b>
1980	2,033	71,837	2.83	115,586	1.76
1981	1,780	71,774	2.48	115,484	1.54
1982	1,618	70,655	2.29	113,684	1.42
1983	1,585	73,380	2.16	118,068	1.34
1984	1,645	75,114	2.19	120,858	1.36
1985	1,644	75,413	2.18	121,340	1.35
1986	1,673	77,097	2.17	124,049	1.35
1987	1,772	79,107	2.24	127,283	1.39
1988	1,748	81,765	2.14	131,560	1.33
1989	1,772	84,054	2.11	135,243	1.31
<b>1980-89</b>	<b>17,270</b>	<b>760,196</b>	<b>2.27</b>	<b>1,223,155</b>	<b>1.41</b>

**TABLE 1.03**  
**DEATH TOLL AND RATES THROUGH THE YEARS 1939 - 1999**  
**Continued**

Year	Annual Death Toll	Annual Travel AMVMT *	Death Rate MVMT **	Annual Travel AMVKT ***	Death Rate MVKT ****
1990	1,637	88,197	1.86	141,909	1.15
1991	1,635	93,002	1.76	149,640	1.09
1992	1,440	94,961	1.52	152,792	0.94
1993	1,479	97,522	1.52	156,913	0.94
1994	1,368	97,522	1.40	156,913	0.87
1995	1,357	99,679	1.36	160,384	0.85
1996	1,395	102,809	1.36	165,420	0.84
1997	1,439	104,839	1.37	168,686	0.85
1998	1,423	106,029	1.34	170,601	0.83
1999	1,430	106,407	1.34	171,209	0.84
<b>1990-1999</b>	<b>14,603</b>	<b>990,967</b>	<b>1.47</b>	<b>1,594,465</b>	<b>0.92</b>
<b>10 Year Average</b>					
1940-1949	1,775	17,346	10.23	27,910	6.36
1950-1959	1,930	32,142	6.00	51,717	3.73
1960-1969	2,237	45,796	4.89	73,686	3.04
1970-1979	2,163	65,509	3.30	105,403	2.05
1980-1989	1,727	76,020	2.27	122,316	1.41
1990-1999	1,460	99,097	1.47	159,447	0.92
<b>60 Year Average</b>					
1940-1999	1,882	55,985	3.36	90,080	2.09
* Annual Million Vehicle Miles of Travel ** Deaths per 100 Million Miles Traveled *** Annual Million Vehicle-Kilometers of Travel **** Deaths per 100 Million Kilometers Traveled					

**TABLE 1.04  
ECONOMIC COSTS OF CRASHES IN MILLIONS**

Type of Injury	1995	1996	1997	1998	1999	5-Year Average
Deaths	\$3,247	\$3,338	\$3,444	\$3,405	\$3,422	\$3,371
Serious Visible Injuries	\$1,663	\$1,627	\$1,585	\$1,533	\$1,426	\$1,567
Minor Visible Injuries	\$2,099	\$2,086	\$2,075	\$2,046	\$1,961	\$2,053
Claimed Injuries	\$2,454	\$2,572	\$2,519	\$2,383	\$2,333	\$2,452
Property Damage Only	\$432	\$447	\$437	\$430	\$448	\$439
<b>Ohio: Total Cost Estimates</b>	<b>\$9,895</b>	<b>\$10,070</b>	<b>\$10,060</b>	<b>\$9,797</b>	<b>\$9,590</b>	<b>\$9,882</b>

**TABLE 1.05  
CRASHES OVER THE LAST FIVE YEARS**

Crashes	1995	1996	1997	1998	1999	Five-Year Average
Fatal Crashes	1,216	1,248	1,268	1,290	1,284	1,261
Injury Crashes	127,961	130,793	128,296	123,785	121,078	126,383
Property Damage Crashes	254,206	263,072	257,288	252,845	263,342	258,151
<b>Total Crashes</b>	<b>383,383</b>	<b>395,113</b>	<b>386,852</b>	<b>377,920</b>	<b>385,704</b>	<b>385,794</b>
Serious Visible Injuries	9,783	9,570	9,322	9,018	8,391	9,217
Minor Visible Injuries	63,617	63,205	62,875	62,012	59,425	62,227
Non-Visible Claimed Injuries	144,325	151,271	148,180	140,167	137,242	144,237
Total Non-Fatal Injuries	217,725	224,046	220,377	211,197	205,058	215,681
Total Fatal Injuries	1,357	1,395	1,439	1,423	1,430	1,409
Male Drivers Involved	375,052	383,683	373,880	363,458	369,775	373,170
Female Drivers Involved	252,471	262,710	261,931	258,544	258,024	258,736
<b>Total Drivers*</b>	<b>662,782</b>	<b>682,494</b>	<b>670,287</b>	<b>687,609</b>	<b>662,852</b>	<b>673,205</b>
Passenger Cars Involved	512,339	525,013	513,511	500,941	501,678	510,696
Trucks Involved	156,891	165,662	162,893	160,929	167,135	162,702
Motorcycles	3,429	3,082	3,129	3,394	3,648	3,336
All Other Vehicles	24,086	25,297	25,613	25,247	27,746	25,598
<b>Total Vehicles</b>	<b>696,745</b>	<b>719,054</b>	<b>705,146</b>	<b>690,511</b>	<b>700,207</b>	<b>702,333</b>
Pedestrians Involved	4,858	5,120	4,684	4,431	4,111	4,641
*Total drivers includes drivers whose gender was not stated.						

**TABLE 1.06  
PEDESTRIAN DEATHS AND INJURIES OVER THE LAST FIVE YEARS**

	1995	1996	1997	1998	1999	Average
<b>Pedestrian Deaths</b>	117	122	127	137	123	125
<b>Total Deaths</b>	1,357	1,395	1,439	1,423	1,430	1,409
<b>Percent of Total</b>	8.6%	8.7%	8.8%	9.6%	8.6%	8.9%
<b>Pedestrian Injuries</b>	4,245	4,480	4,116	3,897	3,562	4,060
<b>Total Injuries</b>	217,725	224,046	220,377	211,206	205,058	215,682
<b>Percent of Total</b>	1.9%	2.0%	1.9%	1.8%	1.7%	1.9%

# **CHAPTER 2**

# **CRASH STATISTICS**





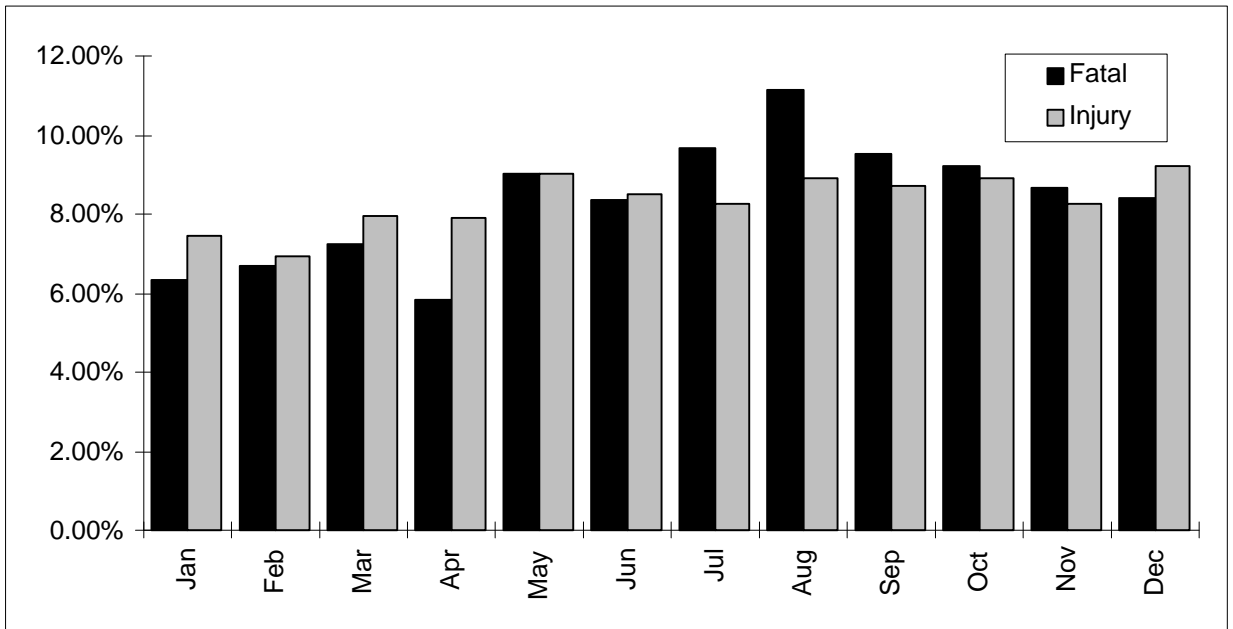
# CHAPTER 2 CRASH STATISTICS

**TABLE 2.01  
CRASHES BY MONTH**

Month	Fatal 1999	Fatal 1998	Injury 1999	Injury 1998	Property Damage 1999	Property Damage 1998	Total 1999	Total 1998	Economic Loss x \$1,000 1999	Economic Loss x \$1,000 1998
January	81	90	9,008	9,361	24,975	20,115	34,064	29,566	\$963,511	\$990,858
February	86	82	8,383	8,869	18,895	18,990	27,364	27,941	\$906,016	\$929,571
March	93	88	9,614	9,883	22,152	20,328	31,859	30,299	\$1,025,903	\$1,022,910
April	75	77	9,571	10,344	19,644	19,826	29,290	30,247	\$962,593	\$1,022,968
May	116	108	10,922	11,168	21,206	21,240	32,244	32,516	\$1,175,835	\$1,171,424
June	107	107	10,296	11,416	20,149	20,994	30,552	32,517	\$1,102,752	\$1,184,954
July	124	116	9,987	10,458	19,518	19,210	29,629	29,784	\$1,124,573	\$1,134,373
August	143	153	10,805	10,650	19,955	19,716	30,903	30,519	\$1,235,537	\$1,250,841
September	122	145	10,549	10,077	20,406	19,087	31,077	29,309	\$1,162,463	\$1,186,117
October	118	123	10,785	11,481	24,230	24,401	35,133	36,005	\$1,185,299	\$1,248,404
November	111	86	10,014	9,496	25,169	23,658	35,294	33,240	\$1,116,494	\$1,005,359
December	108	115	11,144	10,582	27,043	25,280	38,295	35,977	\$1,195,858	\$1,167,645
<b>Total</b>	<b>1,284</b>	<b>1,290</b>	<b>121,078</b>	<b>123,785</b>	<b>263,342</b>	<b>252,845</b>	<b>385,704</b>	<b>377,920</b>	<b>\$13,156,834</b>	<b>\$13,315,424</b>

Note: Economic loss in thousands of dollars.

**FIGURE 2.1  
PERCENTAGE OF CRASHES BY MONTH**



**TABLE 2.02  
FATALITIES AND INJURIES BY MONTH**

Month	Fatality 1999	Fatality 1998	Serious Injury 1999	Serious Injury 1998	Minor Injury 1999	Minor Injury 1998	No Visible Injury 1999	No Visible Injury 1998	Total 1999	Total 1998
January	89	99	439	601	3,764	4,288	10,645	10,807	14,937	15,795
February	100	91	588	602	3,832	4,043	9,619	10,062	14,139	14,798
March	103	96	647	668	4,249	4,518	11,119	11,683	16,118	16,965
April	82	88	608	703	4,508	4,917	11,170	12,123	16,368	17,831
May	132	124	814	848	5,884	5,974	11,922	12,443	18,752	19,389
June	121	111	823	880	5,734	6,210	11,086	12,532	17,764	19,733
July	135	124	896	847	5,658	5,950	10,800	11,440	17,489	18,361
August	156	174	778	945	5,775	6,140	12,097	11,620	18,806	18,879
September	136	154	778	782	5,406	5,379	11,619	10,879	17,939	17,194
October	127	125	742	758	5,166	5,456	12,528	13,177	18,563	19,516
November	124	98	655	724	4,536	4,232	11,592	10,940	16,907	15,994
December	125	139	624	660	4,920	4,914	13,060	12,461	18,729	18,174
<b>Total</b>	<b>1,430</b>	<b>1,423</b>	<b>8,392</b>	<b>9,018</b>	<b>59,432</b>	<b>62,021</b>	<b>137,257</b>	<b>140,167</b>	<b>206,511</b>	<b>212,629</b>

**TABLE 2.03  
CRASHES BY DAY OF WEEK**

Day of Week	Fatal	Injury	Property Damage	Total	Economic Loss
Sunday	180	12,953	25,527	38,660	\$1,511,722
Monday	172	16,738	36,964	53,874	\$1,806,354
Tuesday	181	18,003	40,560	58,744	\$1,935,593
Wednesday	165	17,265	38,776	56,206	\$1,832,337
Thursday	155	17,150	38,418	55,723	\$1,795,446
Friday	206	21,608	47,155	68,969	\$2,285,696
Saturday	225	17,350	35,928	53,503	\$1,988,851
Not Stated	0	11	14	25	\$834
<b>Total</b>	<b>1,284</b>	<b>121,078</b>	<b>263,342</b>	<b>385,704</b>	<b>\$13,156,833</b>

Note: Economic loss in thousands of dollars.

**TABLE 2.04  
DEATHS AND INJURIES BY DAY OF WEEK**

Day of Week	Deaths	Injuries	Total
Sunday	199	22,824	97,763
Monday	190	27,689	129,709
Tuesday	203	29,590	140,291
Wednesday	177	28,391	134,072
Thursday	171	28,570	135,017
Friday	233	37,071	174,315
Saturday	257	30,925	137,958
Not Stated	0	21	64
<b>Total</b>	<b>1,430</b>	<b>205,081</b>	<b>949,189</b>

**TABLE 2.05  
CRASHES BY LIGHT CONDITION**

Light Condition	Fatal	Injury	Property Damage	Total	Economic Loss
Daylight	659	85,212	177,706	263,577	\$8,558,974
Dawn	27	1,885	4,942	6,854	\$227,710
Dusk	25	2,768	5,895	8,688	\$288,363
Dark No Lights	389	13,593	38,953	52,935	\$2,186,046
Dark Lighted	183	17,420	35,018	52,621	\$1,875,290
Other Light Condition	1	141	441	583	\$14,578
Not Stated	0	59	387	446	\$5,872
<b>Total</b>	<b>1,284</b>	<b>121,078</b>	<b>263,342</b>	<b>385,704</b>	<b>\$13,156,833</b>

Note: Economic loss in thousands of dollars.

**TABLE 2.06  
DEATHS AND INJURIES BY TYPE OF CRASH**

	DEATHS			INJURIES		
	Rural	Urban	Total	Rural	Urban	Total
<b>2 VEHICLES INVOLVED</b>						
Head On	197	39	236	3,989	4,248	8,239
Rear End	60	27	87	22,392	46,488	68,886
Backing	0	0	0	599	2,000	2,599
Sideswipe Meeting	13	3	16	2,232	3,648	5,881
Sideswipe Passing	14	10	24	1,831	5,425	7,256
Angle	253	83	336	21,765	45,253	67,020
<b>Subtotal</b>	<b>537</b>	<b>162</b>	<b>699</b>	<b>52,808</b>	<b>107,062</b>	<b>159,881</b>
<b>1 VEHICLE INVOLVED</b>						
Parked Vehicle	0	6	6	510	2,487	2,997
Pedestrian	50	72	122	534	2,913	3,447
Animal	6	1	7	2,233	344	2,579
Train	11	3	14	36	19	55
Pedalcycles	7	9	16	202	1,637	1,840
Other Non-Vehicles	2	0	2	206	177	383
Fixed Object	363	123	486	19,103	8,684	27,788
Other Object	2	3	5	734	530	1,264
Fall From Vehicle	8	10	18	137	219	356
Overturning	38	12	50	2,544	722	3,266
Other Non-Collision	3	2	5	628	595	1,224
<b>Subtotal</b>	<b>490</b>	<b>241</b>	<b>731</b>	<b>26,867</b>	<b>18,327</b>	<b>45,199</b>
Not Stated	0	0	0	0	1	1
<b>Total</b>	<b>1,027</b>	<b>403</b>	<b>1,430</b>	<b>79,675</b>	<b>125,390</b>	<b>205,081</b>

**TABLE 2.07  
CRASHES BY WEATHER CONDITION**

Weather Condition	Fatal	Injury	Property Damage	Total Crashes
No Adverse Conditions	1,103	97,904	211,712	310,719
Rain	109	14,817	29,408	44,334
Snow	45	7,067	19,161	26,273
Fog	23	626	1,341	1,990
Heavy Wind	2	237	590	829
Other Weather Condition	2	369	753	1,124
Not Stated	0	58	377	435
<b>Total</b>	<b>1,284</b>	<b>121,078</b>	<b>263,342</b>	<b>385,704</b>

**TABLE 2.08  
CRASHES BY TYPE**

	Fatal	Injury	Property Damage	Total	Economic Loss	Rural	Urban
<b>2 VEHICLES INVOLVED</b>							
Head On	187	3,827	3,092	7,106	\$791,005	3,019	4,086
Rear End	72	38,190	65,183	103,445	\$3,162,680	31,943	71,496
Backing	0	1,431	11,294	12,725	\$150,993	3,185	9,540
Sideswipe Meeting	16	3,092	8,826	11,934	\$299,725	4,220	7,712
Sideswipe Passing	23	4,070	20,702	24,795	\$440,688	5,945	18,849
Angle	302	34,941	59,810	95,053	\$3,537,361	26,689	68,361
<b>Subtotal</b>	<b>600</b>	<b>85,551</b>	<b>168,907</b>	<b>255,058</b>	<b>\$8,382,452</b>	<b>75,001</b>	<b>180,044</b>
<b>1 VEHICLE INVOLVED</b>							
Parked Vehicle	6	2,336	20,767	23,109	\$273,310	2,644	20,461
Pedestrian	119	3,113	155	3,387	\$542,645	527	2,859
Animal	5	2,070	26,641	28,716	\$278,400	25,585	3,115
Train	11	40	44	95	\$32,951	59	36
Pedalcycles	16	1,713	221	1,950	\$164,473	213	1,736
Other Non-Vehicles	2	276	547	825	\$27,228	424	401
Fixed Object	450	21,362	34,401	56,213	\$2,875,495	37,868	18,342
Other Object	4	981	4,919	5,904	\$101,698	3,649	2,255
Fall From Vehicle	17	306	581	904	\$70,326	466	438
Overturning	50	2,404	1,427	3,881	\$310,852	3,031	850
Other Non-Collision	4	925	4,731	5,660	\$96,932	3,783	1,875
<b>Subtotal</b>	<b>684</b>	<b>35,526</b>	<b>94,434</b>	<b>130,644</b>	<b>\$4,774,310</b>	<b>78,249</b>	<b>52,368</b>
Not Stated	0	1	1	2	\$75	0	2
<b>Total</b>	<b>1,284</b>	<b>121,078</b>	<b>263,342</b>	<b>385,704</b>	<b>\$13,156,837</b>	<b>153,250</b>	<b>232,414</b>

Note: Economic loss in thousands of dollars.

**TABLE 2.09  
PROBABLE CAUSES OF CRASHES**

	Fatal	% of Total Fatafs	Injury	Property Damage	Total	Economic Loss
<b>DRIVER IN ERROR</b>						
Excessive Speed	270	21.0%	7,594	11,388	19,252	\$1,318,036
Failure to Control	190	14.8%	18,271	34,892	53,353	\$1,953,354
Failure to Yield	172	13.4%	21,381	33,565	55,118	\$2,116,069
Left of Center	128	10.0%	2,432	3,503	6,063	\$534,548
Drove Off Road	112	8.7%	1,020	1,318	2,450	\$382,307
Following Too Close	62	4.8%	32,646	56,529	89,237	\$2,708,427
Ran Stop/Yield Sign	60	4.7%	2,755	3,013	5,828	\$369,789
Improper Passing	16	1.2%	1,191	4,547	5,754	\$147,400
Driver Inattention	38	3.0%	4,908	10,659	15,605	\$495,000
Other Driver Error	47	3.7%	3,242	8,228	11,517	\$391,947
Ran Red Light	37	2.9%	5,263	5,499	10,799	\$493,907
Improper Backing	5	0.4%	1,450	14,328	15,783	\$179,591
Improper Lane Change	13	1.0%	2,503	12,089	14,605	\$265,010
Improper Turning	10	0.8%	3,275	8,439	11,724	\$294,456
Stop/Park Illegally	1	0.1%	108	427	536	\$12,205
Improper Start	1	0.1%	446	1,939	2,386	\$42,669
<b>Subtotal</b>	<b>1,162</b>	<b>90.5%</b>	<b>108,485</b>	<b>210,363</b>	<b>320,010</b>	<b>\$11,704,715</b>
<b>NON-DRIVER ERROR</b>						
Pedestrian Action	75	5.8%	1,603	203	1,881	\$317,349
Vehicle Defect	4	0.3%	997	3,692	4,693	\$97,296
Animal Action	5	0.4%	2,329	27,110	29,444	\$298,640
Load Shift/Spill	2	0.2%	202	2,051	2,255	\$28,816
Pavement Defect	1	0.1%	75	443	519	\$9,967
Downed Sign/Device	0	0.0%	20	60	80	\$1,670
View Obstructed	0	0.0%	127	217	344	\$9,867
Debris on Road	1	0.1%	292	2,178	2,471	\$32,964
Shoulder Defect	0	0.0%	11	37	48	\$937
No Driver Error	0	0.0%	11	16	27	\$842
<b>Subtotal</b>	<b>88</b>	<b>6.9%</b>	<b>5,667</b>	<b>36,007</b>	<b>41,762</b>	<b>\$798,348</b>
Fault Inconclusive	34	2.6%	6,903	16,954	23,891	\$652,085
Unknown	0	0.0%	2	5	7	\$163
Not Stated	0	0.0%	21	13	34	\$1,529
<b>Total</b>	<b>1,284</b>	<b>100.0%</b>	<b>121,078</b>	<b>263,342</b>	<b>385,704</b>	<b>\$13,156,840</b>

Note: Economic loss in thousands of dollars.

**TABLE 2.10  
CRASHES, DEATHS AND INJURIES ON HOLIDAY WEEKENDS**

<b>Holiday Weekend</b>	<b>Year</b>	<b>Number of Days</b>	<b>Total Crashes</b>	<b>Total Deaths</b>	<b>Alcohol Related Deaths</b>	<b>Total Injuries</b>
New Year's	1998-1999	3 1/4	3,038	8	3	1,187
	1997-98	1 1/4	990	9	4	540
	1996-97	1 1/4	841	1	0	472
	1995-96	3 1/4	2,659	5	4	1,370
	1994-95	3 1/4	2,726	7	1	1,904
	1993-94	3 1/4	3,409	15	8	1,714
	1992-93	3 1/4	2,516	16	7	1,561
Memorial Day	1999	3 1/4	2,612	9	2	1,683
	1998	3 1/4	1,621	10	7	1,041
	1997	3 1/4	2,964	16	5	1,968
	1996	3 1/4	2,786	17	9	1,906
	1995	3 1/4	2,494	11	6	1,703
	1994	3 1/4	2,494	14	5	1,751
	1993	3 1/4	2,774	17	6	1,864
July 4th	1999	3 1/4	2,363	16	6	1,454
	1998	3 1/4	1,520	4	2	1,021
	1997	3 1/4	2,321	17	8	1,664
	1996	4 1/4	3,695	24	9	2,749
	1995	4 1/4	3,427	16	2	2,427
	1994	3 1/4	2,438	12	3	1,719
	1993	3 1/4	2,529	18	6	1,747
Labor Day	1999	3 1/4	2,371	21	2	1,509
	1998	3 1/4	2,844	17	3	1,699
	1997	3 1/4	2,330	15	6	1,609
	1996	3 1/4	2,327	24	7	1,602
	1995	3 1/4	2,388	25	14	1,747
	1994	3 1/4	2,209	14	3	1,536
	1993	3 1/4	2,327	17	8	1,577
Thanksgiving	1999	4 1/4	4,231	17	5	2,227
	1998	4 1/4	4,023	22	3	2,185
	1997	4 1/4	3,800	10	2	2,075
	1996	4 1/4	4,311	10	3	2,307
	1995	4 1/4	3,422	13	10	1,688
	1994	4 1/4	4,243	17	12	2,243
	1993	4 1/4	4,416	17	6	2,515
Christmas	1999	3 1/4	3,900	11	3	1,869
	1998	3 1/4	2,800	21	8	1,476
	1997	4 1/4	2,914	5	4	1,740
	1996	1 1/4	694	2	2	422
	1995	3 1/4	3,619	8	3	1,897
	1994	3 1/4	2,198	10	3	1,193
	1993	3 1/4	3,596	10	4	1,668
<b>Holiday Totals</b>	<b>1999</b>	<b>20 1/2</b>	<b>18,515</b>	<b>82</b>	<b>21</b>	<b>9,929</b>
	<b>1998</b>	<b>18 1/2</b>	<b>13,798</b>	<b>83</b>	<b>27</b>	<b>7,962</b>
	<b>1997</b>	<b>19 1/2</b>	<b>15,170</b>	<b>64</b>	<b>25</b>	<b>9,528</b>
	<b>1996</b>	<b>19 1/2</b>	<b>16,472</b>	<b>82</b>	<b>34</b>	<b>10,356</b>
	<b>1995</b>	<b>21 1/2</b>	<b>18,076</b>	<b>80</b>	<b>36</b>	<b>11,366</b>
	<b>1994</b>	<b>20 1/2</b>	<b>16,991</b>	<b>82</b>	<b>34</b>	<b>10,156</b>
	<b>1993</b>	<b>20 1/2</b>	<b>18,158</b>	<b>95</b>	<b>37</b>	<b>10,932</b>

Note: "Days" refers to the length of the holiday weekend period, including the hours of 6 P.M. to midnight of the day preceding the holiday.

# **CHAPTER 3**

# **DEATH & INJURY STATISTICS**





# CHAPTER 3 DEATH & INJURY STATISTICS

**TABLE 3.01  
AGE DISTRIBUTION OF PERSONS KILLED**

<b>Age Group</b>	<b>Drivers</b>	<b>Passengers</b>	<b>Pedestrians</b>	<b>Total</b>
0-5	1	13	2	16
6-10	1	20	10	31
11-15	7	21	7	35
16-20	147	93	4	244
21-25	124	34	13	171
26-30	91	23	6	120
31-35	79	16	12	107
36-40	98	19	13	130
41-45	83	10	11	104
46-50	63	14	7	84
51-55	70	12	3	85
56-60	38	8	4	50
61-65	35	7	4	46
66-70	29	11	2	42
71-75	31	18	5	54
76 and Over	65	26	20	111
Not Stated	0	0	0	0
<b>Total</b>	<b>962</b>	<b>345</b>	<b>123</b>	<b>1,430</b>

**Note:** For purposes of this chart, drivers include operators of other vehicles such as bicycles and motorized bicycles.

**TABLE 3.02  
AGE DISTRIBUTION OF PERSONS INJURED**

<b>Age Group</b>	<b>Drivers</b>	<b>Passengers</b>	<b>Pedestrians</b>	<b>Total</b>
0-5	1,010	8,369	267	9,646
6-10	615	5,623	545	6,783
11-15	1,238	7,225	485	8,948
16-20	24,563	11,838	425	36,826
21-25	17,655	5,536	223	23,414
26-30	15,463	3,665	246	19,374
31-35	13,985	2,975	202	17,162
36-40	14,260	2,782	229	17,271
41-45	12,693	2,548	197	15,438
46-50	10,329	2,041	194	12,564
51-55	7,854	1,623	138	9,615
56-60	5,685	1,326	93	7,104
61-65	4,067	1,101	56	5,224
66-70	3,409	1,077	49	4,535
71-75	3,031	1,077	54	4,162
76 and Over	4,034	1,557	89	5,680
Not Stated	715	549	71	1,335
<b>Total</b>	<b>140,606</b>	<b>60,912</b>	<b>3,563</b>	<b>205,081</b>

**Note:** For purposes of this chart, drivers include operators of other vehicles such as bicycles and motorized bicycles.

**TABLE 3.03  
DEATHS AND INJURIES BY GENDER**

Age Group	DEATHS				INJURIES			
	Male	Female	Not Stated	Total	Male	Female	Not Stated	Total
0-5	14	2	0	16	4,312	4,319	1,015	9,646
6-10	20	11	0	31	3,485	3,218	80	6,783
11-15	18	17	0	35	4,301	4,536	111	8,948
16-20	163	81	0	244	18,514	18,208	104	36,826
21-25	139	32	0	171	12,084	11,257	73	23,414
26-30	85	35	0	120	9,905	9,410	59	19,374
31-35	86	21	0	107	8,685	8,431	46	17,162
36-40	94	36	0	130	8,659	8,571	41	17,271
41-45	79	25	0	104	7,716	7,683	39	15,438
46-50	53	31	0	84	6,111	6,418	35	12,564
51-55	58	27	0	85	4,644	4,947	24	9,615
56-60	35	15	0	50	3,264	3,826	14	7,104
61-65	25	21	0	46	2,514	2,695	15	5,224
66-70	28	14	0	42	2,131	2,390	14	4,535
71-75	30	24	0	54	1,841	2,308	13	4,162
76 and Over	57	54	0	111	2,494	3,163	23	5,680
Not Stated	0	0	0	0	332	369	634	1,335
<b>Total</b>	<b>984</b>	<b>446</b>	<b>0</b>	<b>1,430</b>	<b>100,992</b>	<b>101,749</b>	<b>2,340</b>	<b>205,081</b>

**TABLE 3.04  
RESTRAINT USE OF PASSENGER CAR/TRUCK OCCUPANTS BY AGE**

<b>PERSONS KILLED</b>					
<b>Age Group</b>	<b>Used</b>	<b>Percent Used</b>	<b>Not Used</b>	<b>Not Available</b>	<b>Total</b>
0-5	8	61.5%	4	1	13
6-10	11	61.1%	5	2	18
11-15	8	38.1%	13	0	21
16-20	68	29.7%	146	15	229
21-25	34	24.6%	91	13	138
26-30	23	24.7%	60	10	93
31-35	19	25.3%	45	11	75
36-40	31	31.6%	59	8	98
41-45	20	28.6%	43	7	70
46-50	28	40.0%	34	8	70
51-55	30	42.9%	30	10	70
56-60	15	38.5%	20	4	39
61-65	20	52.6%	13	5	38
66-70	21	60.0%	10	4	35
71-75	29	60.4%	16	3	48
76 and Over	56	64.4%	25	6	87
Not Stated	0	0.0%	0	0	0
<b>Total</b>	<b>421</b>	<b>36.9%</b>	<b>614</b>	<b>107</b>	<b>1,142</b>
<b>PERSONS INJURED</b>					
<b>Age Group</b>	<b>Used</b>	<b>Percent Used</b>	<b>Not Used</b>	<b>Not Available</b>	<b>Total</b>
0-5	7,261	81.1%	689	1,004	8,954
6-10	4,437	81.6%	623	378	5,438
11-15	5,266	73.0%	1,299	647	7,212
16-20	26,915	75.7%	5,931	2,707	35,553
21-25	17,127	76.7%	3,299	1,910	22,336
26-30	14,602	80.1%	2,155	1,483	18,240
31-35	13,251	82.2%	1,627	1,249	16,127
36-40	13,394	82.4%	1,520	1,341	16,255
41-45	12,143	83.9%	1,233	1,098	14,474
46-50	10,073	85.8%	825	844	11,742
51-55	7,910	87.3%	585	567	9,062
56-60	5,900	87.1%	433	443	6,776
61-65	4,428	88.0%	308	298	5,034
66-70	3,877	88.1%	255	269	4,401
71-75	3,509	87.0%	258	268	4,035
76 and Over	4,761	86.2%	419	345	5,525
Not Stated	534	48.8%	101	459	1,094
<b>Total</b>	<b>155,388</b>	<b>80.8%</b>	<b>21,560</b>	<b>15,310</b>	<b>192,258</b>

**TABLE 3.05  
CHILD RESTRAINT USE IN CRASHES**

	<b>Age</b>	<b>Total Children</b>	<b>Restraints Used</b>	<b>Percent Used</b>
Killed	0	4	2	50.0%
	1	4	4	100.0%
	2	5	2	40.0%
	3	0	0	0.0%
<b>Total</b>	<b>0-3</b>	<b>13</b>	<b>8</b>	<b>61.5%</b>
Injured	0	2,914	2,221	76.2%
	1	1,067	1,006	94.3%
	2	1,024	936	91.4%
	3	1,048	934	89.1%
<b>Total</b>	<b>0-3</b>	<b>6,053</b>	<b>5,097</b>	<b>84.2%</b>
Not Injured	0	11,783	8,476	71.9%
	1	4,357	4,208	96.6%
	2	4,362	4,151	95.2%
	3	4,338	4,061	93.6%
<b>Total</b>	<b>0-3</b>	<b>24,840</b>	<b>20,896</b>	<b>84.1%</b>
Not Stated	0	476	30	6.3%
	1	58	18	31.0%
	2	59	12	20.3%
	3	68	15	22.1%
<b>Total</b>	<b>0-3</b>	<b>661</b>	<b>75</b>	<b>11.3%</b>
All Occupants	0	15,177	10,729	70.7%
	1	5,486	5,236	95.4%
	2	5,450	5,101	93.6%
	3	5,454	5,010	91.9%
<b>Grand Total</b>	<b>0-3</b>	<b>31,567</b>	<b>26,076</b>	<b>82.6%</b>

**TABLE 3.06  
PERCENT OF PASSENGER CAR/TRUCK OCCUPANTS EJECTED BY YEAR**

	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>
Fatality	23.51%	25.571%	22.941%	23.479%	27.817%	26.795%
Serious Visible Injury	9.61%	9.776%	9.457%	9.881%	10.698%	10.487%
Minor Visible Injury	1.52%	1.394%	1.364%	1.367%	1.401%	1.302%
Claimed Injury	0.13%	0.128%	0.100%	0.089%	0.089%	0.093%
No Indicated Injury	0.02%	0.019%	0.020%	0.021%	0.021%	0.019%
Not Stated	0.01%	0.012%	0.010%	0.013%	0.018%	0.016%
Total Crashes	0.25%	0.236%	0.218%	0.224%	0.239%	0.217%

**TABLE 3.07  
EJECTION OF PASSENGER CAR/TRUCK OCCUPANTS BY INJURY STATUS**

<b>FATAL CRASHES</b>						
	<b>Not Ejected</b>	<b>Partial Ejection</b>	<b>Total Ejection</b>	<b>Trapped</b>	<b>Not Stated</b>	<b>Total</b>
Fatality	445	77	229	383	8	1,142
Serious Visible Injury	243	6	65	108	3	425
Minor Visible Injury	505	6	16	25	5	557
Claimed Injury	236	0	2	8	7	253
No Indicated Injury	522	0	0	2	6	530
Not Stated	9	0	0	0	60	69
<b>Total</b>	<b>1,960</b>	<b>89</b>	<b>312</b>	<b>526</b>	<b>89</b>	<b>2,976</b>

<b>ALL CRASHES</b>						
	<b>Not Ejected</b>	<b>Partial Ejection</b>	<b>Total Ejection</b>	<b>Trapped</b>	<b>Not Stated</b>	<b>Total</b>
Fatality	445	77	229	383	8	1,142
Serious Visible Injury	5,087	160	547	920	28	6,742
Minor Visible Injury	51,172	167	521	772	216	52,848
Claimed Injury	131,609	39	85	397	538	132,668
No Indicated Injury	655,731	52	73	606	2,130	658,592
Not Stated	5,945	3	5	18	44,977	50,948
<b>Total</b>	<b>849,989</b>	<b>498</b>	<b>1,460</b>	<b>3,096</b>	<b>47,897</b>	<b>902,940</b>

# **CHAPTER 4**

# **DRIVER STATISTICS**

**This chapter has been removed.**









# **CHAPTER 5**

# **VEHICLE STATISTICS**



# CHAPTER 5 VEHICLE STATISTICS

**TABLE 5.01  
TYPES OF VEHICLES INVOLVED IN CRASHES**

Vehicle Type	Fatal Crashes	Percent Fatal	Injury Crashes	Property Damage	Total Crashes	Percent of Total	Killed	Injured
Sub-Compact	47	2.2%	6,879	12,975	19,901	2.8%	32	6,836
Compact	309	14.6%	44,621	87,052	131,982	18.8%	252	42,219
Mid-Size	517	24.5%	71,141	139,345	211,003	30.1%	357	66,616
Full-Size	382	18.1%	45,225	93,185	138,792	19.8%	241	40,374
<b>Car - Subtotal</b>	<b>1,255</b>	<b>59.4%</b>	<b>167,866</b>	<b>332,557</b>	<b>501,678</b>	<b>71.6%</b>	<b>882</b>	<b>156,045</b>
Pickup Truck	316	15.0%	28,272	66,125	94,713	13.5%	173	21,423
Panel Truck	99	4.7%	13,180	28,820	42,099	6.0%	41	11,481
Straight Truck	63	3.0%	2,772	8,536	11,371	1.6%	13	1,427
Straight Truck Trailer	6	0.3%	437	1,442	1,885	0.3%	3	237
Truck Tractor	3	0.1%	243	662	908	0.1%	1	97
Tractor Semi-Trailer	137	6.5%	3,835	11,821	15,793	2.3%	28	1,501
Tractor Double-Trailer	3	0.1%	94	256	353	0.1%	1	39
Fifth Wheel or Hot Shot	0	0.0%	5	4	9	0.0%	0	6
Triple Trailer	0	0.0%	2	2	4	0.0%	0	2
<b>Truck - Subtotal</b>	<b>627</b>	<b>29.7%</b>	<b>48,840</b>	<b>117,668</b>	<b>167,135</b>	<b>23.9%</b>	<b>260</b>	<b>36,213</b>
Motorcycle up to 350cc	4	0.2%	247	60	311	0.0%	4	261
Motorcycle 351cc to 750cc	43	2.0%	1,079	222	1,344	0.2%	42	1,160
Motorcycle over 751cc	76	3.6%	1,591	326	1,993	0.3%	74	1,803
<b>Motorcycle - Subtotal</b>	<b>123</b>	<b>5.8%</b>	<b>2,917</b>	<b>608</b>	<b>3,648</b>	<b>0.5%</b>	<b>120</b>	<b>3,224</b>
Police Vehicle	2	0.1%	484	1,104	1,590	0.2%	0	384
Fire Truck	0	0.0%	59	234	293	0.0%	0	44
Ambulance-Rescue Vehicle	0	0.0%	145	275	420	0.1%	0	172
<b>Public Safety Vehicle - Subtotal</b>	<b>2</b>	<b>0.1%</b>	<b>688</b>	<b>1,613</b>	<b>2,303</b>	<b>0.3%</b>	<b>0</b>	<b>600</b>
Public Bus	2	0.1%	412	1,111	1,525	0.2%	0	407
Taxi	1	0.0%	111	165	277	0.0%	1	107
Train	15	0.7%	68	65	148	0.0%	1	14
<b>Public Transportation - Subtotal</b>	<b>18</b>	<b>0.9%</b>	<b>591</b>	<b>1,341</b>	<b>1,950</b>	<b>0.3%</b>	<b>2</b>	<b>528</b>
Motorized Bicycle	2	0.1%	106	27	135	0.0%	2	109
School Bus	10	0.5%	406	1,606	2,022	0.3%	0	693
Church Bus	0	0.0%	19	39	58	0.0%	0	22
Motor Home	1	0.0%	87	327	415	0.1%	1	65
Farm Vehicle	6	0.3%	101	232	339	0.0%	5	51
Farm Equipment	3	0.1%	49	121	173	0.0%	2	31
Snowmobile	2	0.1%	8	5	15	0.0%	2	8
Construction Equipment	3	0.1%	144	491	638	0.1%	1	65
Other Vehicle	15	0.7%	715	1,979	2,709	0.4%	6	573
<b>Other Motor Vehicle - Subtotal</b>	<b>42</b>	<b>2.0%</b>	<b>1,635</b>	<b>4,827</b>	<b>6,504</b>	<b>0.9%</b>	<b>19</b>	<b>1,617</b>
Animal W/Rider	0	0.0%	3	3	6	0.0%	0	3
Animal W/Buggy	3	0.1%	91	67	161	0.0%	4	144
Bicycle	19	0.9%	2,398	307	2,724	0.4%	18	2,398
<b>Non-Motor Vehicle - Subtotal</b>	<b>22</b>	<b>1.0%</b>	<b>2,492</b>	<b>377</b>	<b>2,891</b>	<b>0.4%</b>	<b>22</b>	<b>2,545</b>
Not Stated	24	1.1%	2,469	11,605	14,098	2.0%	2	724
<b>Total- All Vehicle Types</b>	<b>2,113</b>	<b>100.0%</b>	<b>227,498</b>	<b>470,596</b>	<b>700,207</b>	<b>100.0%</b>	<b>1,307</b>	<b>201,496</b>

**TABLE 5.02  
PASSENGER CAR DEATHS AND INJURIES BY POSITION IN VEHICLE**

<b>Seating Position</b>	<b>Fatal Injury</b>	<b>Serious Injury</b>	<b>Minor Injury</b>	<b>Claimed Injury</b>	<b>No Injury Indicated</b>	<b>Not Stated</b>	<b>Total Occupants</b>
Front Left	614	3,622	29,638	73,856	356,615	475,479	11,134
Front Center	3	17	105	232	884	1,249	8
Front Right	191	1,168	8,756	21,436	80,899	112,787	337
Back Left	22	172	1,513	4,429	20,131	26,368	101
Back Center	9	71	638	1,780	8,398	10,938	42
Back Right	37	207	1,906	5,845	25,754	33,884	135
Other	6	49	173	432	2,340	28,910	25,910
<b>Total</b>	<b>882</b>	<b>5,306</b>	<b>42,729</b>	<b>108,010</b>	<b>495,021</b>	<b>689,615</b>	<b>37,667</b>

**TABLE 5.03  
DRIVERS IN ALL CRASHES BY AGE AND VEHICLE TYPE**

<b>Age Group</b>	<b>Passenger Cars</b>	<b>Trucks</b>	<b>Motorcycles</b>	<b>Other Vehicle Types</b>	<b>Total</b>
15 and Under	9,020	3,817	101	6,183	19,121
16-20	91,630	15,416	290	985	108,321
21-25	60,804	15,252	520	1,129	77,705
26-30	49,784	17,506	515	1,602	69,407
31-35	43,409	18,687	436	1,512	64,044
36-40	43,068	20,564	445	1,572	65,649
41-45	38,679	18,257	437	1,505	58,878
46-50	32,385	14,056	363	1,232	48,036
51-55	24,888	10,644	217	930	36,679
56-60	18,114	7,513	117	771	26,515
61-65	13,556	4,982	60	412	19,010
66-70	12,071	3,266	26	271	15,634
71-75	11,527	2,154	14	198	13,893
76 and Over	15,943	1,716	10	151	17,820
Not Stated	10,175	4,350	47	7,568	22,140
<b>Total</b>	<b>475,053</b>	<b>158,180</b>	<b>3,598</b>	<b>26,021</b>	<b>662,852</b>

**TABLE 5.04  
DRIVERS IN FATAL CRASHES BY AGE AND VEHICLE TYPE**

Age Group	Passenger Cars	Trucks	Motorcycles	Other Vehicle Types	Total
15 and Under	2	1	1	10	14
16-20	241	50	8	7	306
21-25	164	69	17	4	254
26-30	113	62	22	4	201
31-35	107	77	20	4	208
36-40	96	97	12	8	213
41-45	90	63	16	12	181
46-50	85	32	7	5	129
51-55	63	61	11	7	142
56-60	49	35	3	4	91
61-65	33	14	2	5	54
66-70	27	17	3	2	49
71-75	46	8	1	1	56
76 and Over	95	11	0	3	109
Not Stated	16	10	0	25	51
<b>Total</b>	<b>1,227</b>	<b>607</b>	<b>123</b>	<b>101</b>	<b>2,058</b>

**TABLE 5.05  
DRIVERS, PASSENGERS AND PEDESTRIANS KILLED AND INJURED**

	Number Killed	Percent of Deaths	Number Injured	Percent of Injuries
<b>DRIVERS</b>				
Passenger Car	614	42.9%	107,195	52.3%
Motorcycle	111	7.8%	2,810	1.4%
Moped	1	0.1%	102	0.0%
Truck	200	14.0%	26,165	12.8%
Bicycle	18	1.3%	2,354	1.1%
All Other	16	1.1%	1,412	0.7%
Not Stated	2	0.1%	547	0.3%
<b>Total</b>	<b>962</b>	<b>67.3%</b>	<b>140,585</b>	<b>68.6%</b>
<b>PASSENGERS</b>				
Passenger Car	268	18.7%	48,850	23.8%
Motorcycle	9	0.6%	414	0.2%
Moped	1	0.1%	7	0.0%
Truck	60	4.2%	10,048	4.9%
Bicycle	0	0.0%	44	0.0%
All Other	7	0.5%	1,371	0.7%
Not Stated	0	0.0%	177	0.1%
<b>Total</b>	<b>345</b>	<b>24.1%</b>	<b>60,911</b>	<b>29.7%</b>
<b>Total Pedestrians</b>	<b>123</b>	<b>8.6%</b>	<b>3,562</b>	<b>1.7%</b>
<b>Grand Total</b>	<b>1,430</b>	<b>100.0%</b>	<b>205,058</b>	<b>100.0%</b>

**TABLE 5.06  
TRACTOR-TRAILER TRUCK CRASHES**

	<b>Crashes</b>	<b>Crashes Caused by Truck Drivers</b>	<b>Percent In Error</b>
Fatal Crashes	126	49	38.9%
Injury Crashes	3,917	2,166	55.3%
Property Damage Crashes	12,105	7,728	63.8%
<b>Total Crashes</b>	<b>16,148</b>	<b>9,943</b>	<b>61.6%</b>
Tractor-Trailer Occupant Deaths	30	28	93.3%
Other Deaths*	122	35	28.7%
<b>Total Deaths</b>	<b>152</b>	<b>63</b>	<b>41.4%</b>
Tractor-Trailer Occupant Injuries	1,639	1,127	68.8%
Other Injuries*	4,412	2,067	46.8%
<b>Total Injuries</b>	<b>6,051</b>	<b>3,194</b>	<b>52.8%</b>

**Note:** Other deaths and injuries include pedestrians and occupants in vehicles other than tractor-trailers and pedestrians.

**TABLE 5.07  
CRASHES, DEATHS AND INJURIES BY TRUCK DRIVERS IN ERROR**

	<b>Crashes Involving Trucks</b>	<b>Crashes Caused by Truck Drivers</b>	<b>Percent In Error</b>
Fatal Crashes	531	289	54.4%
Injury Crashes	42,382	24,078	56.8%
Property Damage Crashes	102,977	56,433	54.8%
<b>Total</b>	<b>145,890</b>	<b>80,800</b>	<b>55.4%</b>
Deaths	602	331	55.0%
Injuries	73,142	39,663	54.2%



**TABLE 5.08  
CRASHES, DEATHS AND INJURIES INVOLVING MOTORCYCLES**

<b>Year</b>	<b>Crashes</b>	<b>Deaths</b>	<b>Injuries</b>
1985	7,855	204	7,483
1986	7,246	211	6,862
1987	6,709	196	6,286
1988	5,715	155	6,271
1989	4,798	167	5,078
1990	4,777	162	4,470
1991	4,532	165	4,276
1992	3,805	113	3,512
1993	3,881	132	3,648
1994	3,698	106	3,463
1995	3,365	111	3,095
1996	3,023	118	2,710
1997	3,066	108	2,801
1998	3,316	115	3,024
1999	3,550	120	3,224
<b>15-Year Avg.</b>	<b>4,622</b>	<b>146</b>	<b>4,414</b>

**TABLE 5.09  
AGE GROUP OF MOTORCYCLISTS KILLED AND INJURED**

<b>Age Group</b>	<b>Killed</b>	<b>Percent Killed</b>	<b>Injured</b>	<b>Percent Injured</b>
0-15	1	0.8%	108	3.3%
16-20	8	6.7%	285	8.8%
21-25	17	14.2%	470	14.6%
26-30	20	16.7%	440	13.6%
31 and Over	74	61.7%	1,915	59.4%
Not Stated	0	0.0%	6	0.2%
<b>Total</b>	<b>120</b>	<b>100.0%</b>	<b>3,224</b>	<b>100.0%</b>

**TABLE 5.10  
HELMET USE OF MOTORCYCLISTS KILLED AND INJURED**

	<b>Total Riders</b>	<b>Percent of Total</b>	<b>Killed</b>	<b>Percent of Total</b>	<b>Injured</b>	<b>Percent of Total</b>	<b>Not Injured</b>	<b>Percent of Total</b>
Full Cover	612	15.0%	14	11.7%	491	15.2%	107	14.8%
Full Face Cover	389	9.6%	15	12.5%	307	9.5%	67	9.3%
Other Type Helmet	110	2.7%	1	0.8%	85	2.6%	24	3.3%
<b>Total Helmet Used</b>	<b>1,111</b>	<b>27.3%</b>	<b>30</b>	<b>25.0%</b>	<b>883</b>	<b>27.4%</b>	<b>198</b>	<b>27.3%</b>
Helmet Not Used	2,424	59.6%	69	57.5%	1,942	60.2%	413	57.0%
Helmet Not Stated	533	13.1%	21	17.5%	399	12.4%	113	15.6%
<b>Total</b>	<b>4,068</b>	<b>100.0%</b>	<b>120</b>	<b>100.0%</b>	<b>3,224</b>	<b>100.0%</b>	<b>724</b>	<b>100.0%</b>

**TABLE 5.11  
PERSONS IN ERROR IN SINGLE-VEHICLE MOTORCYCLE CRASHES**

	<b>Fatal</b>	<b>Injury</b>	<b>Property Damage</b>	<b>Total</b>	<b>Percent of Total</b>
<b>Person in Error</b>					
Motorcycle Drivers	56	1,140	135	1,331	75.8%
Non-Motorcycle Drivers	2	131	43	176	10.0%
Pedestrian	1	7	1	9	0.5%
Animal	2	113	27	142	8.1%
Error Not Determined/Not Stated	0	82	17	99	5.6%
<b>Total</b>	<b>61</b>	<b>1,473</b>	<b>223</b>	<b>1,757</b>	<b>100.0%</b>

**TABLE 5.12  
PERSONS IN ERROR IN MULTIPLE-VEHICLE MOTORCYCLE CRASHES**

	<b>Fatal</b>	<b>Injury</b>	<b>Property Damage</b>	<b>Total</b>	<b>Percent of Total</b>
<b>Person in Error</b>					
Motorcycle Drivers	18	484	158	660	36.8%
Non-Motorcycle Drivers	35	791	197	1,023	57.1%
Pedestrian	0	0	0	0	0.0%
Animal	0	0	0	0	0.0%
Error Not Determined/Not Stated	2	90	18	110	6.1%
<b>Total</b>	<b>55</b>	<b>1,365</b>	<b>373</b>	<b>1,793</b>	<b>100.0%</b>

**TABLE 5.13  
BICYCLE DEATHS AND INJURIES BY POPULATION GROUP**

<b>Population Group</b>	<b>Deaths</b>	<b>Injuries</b>	<b>Total</b>
Rural Under 1,000	0	18	18
Rural 1,000 to 2,499	1	29	30
Urban 2,500 to 4,999	0	75	75
Urban 5,000 to 9,999	1	132	133
Urban 10,000 to 24,999	0	495	495
Urban 25,000 to 49,999	4	352	356
Urban 50,000 and Over	5	1,015	1,020
Rural County and Township Roads	1	211	212
Rural State and Federal Routes	6	74	80
Not Stated	0	1	1
<b>Total Bicycle Occupants</b>	<b>18</b>	<b>2,402</b>	<b>2,420</b>

**TABLE 5.14  
BICYCLE DEATHS AND INJURIES BY AGE AND LIGHT CONDITION**

<b>Age Group</b>	<b>Total Killed</b>	<b>Day</b>	<b>Night</b>	<b>Total Injured</b>	<b>Day</b>	<b>Night</b>
0-5	1	1	0	85	74	11
6-10	1	0	1	574	527	44
11-15	4	4	0	789	680	108
16-20	1	1	0	258	183	74
21 and Over	11	6	5	668	511	156
Not Stated	0	0	0	28	22	6
<b>Total</b>	<b>18</b>	<b>12</b>	<b>6</b>	<b>2,402</b>	<b>1,997</b>	<b>399</b>

**Note:** Total injured does not include light conditions "not stated" figures.

**TABLE 5.15  
BICYCLE CRASHES OVER LAST 15 YEARS**

<b>Year</b>	<b>Crashes</b>
1985	3,466
1986	3,531
1987	4,018
1988	3,473
1989	3,088
1990	2,890
1991	2,930
1992	2,656
1993	2,541
1994	2,678
1995	2,598
1996	2,532
1997	2,180
1998	2,165
<b>1999</b>	<b>1,950</b>
<b>Average</b>	<b>2,846</b>

**TABLE 5.16  
SCHOOL BUS CRASHES OVER LAST 15 YEARS**

<b>Year</b>	<b>Crashes</b>
1985	2,090
1986	1,954
1987	1,836
1988	2,015
1989	1,907
1990	1,940
1991	1,943
1992	1,921
1993	1,924
1994	2,065
1995	2,109
1996	2,086
1997	1,960
1998	2,074
<b>1999</b>	<b>1,997</b>
<b>Average</b>	<b>1,988</b>

**TABLE 5.17  
CRASHES, DEATHS AND INJURIES INVOLVING SCHOOL BUSES**

<b>Type of Crash</b>		
Fatal	10	
Injury	399	
Property Damage	1,588	
<b>Total Crashes</b>	<b>1,997</b>	
Number that occurred in school zone	72	
Percent in school zone	3.6%	
	<b>Deaths</b>	<b>Injuries</b>
Passengers of school bus	0	693
Other drivers, passengers and pedestrians	12	409
<b>Who was in Error</b>		
School bus driver	863	
Other driver	910	
None determined	193	
Animal	25	
Pedestrian	6	

**TABLE 5.18  
FIRST HARMFUL EVENT IN SCHOOL BUS CRASHES CAUSED BY SCHOOL BUS DRIVERS**

<b>First Harmful Event</b>	<b>Frequency</b>	<b>Percent of Total</b>
Angle	161	18.7%
Animal	0	0.0%
Backing	108	12.5%
Fall From or In Vehicle	2	0.2%
Fixed Object	82	9.5%
Head On	4	0.5%
Other Non-Collision	13	1.5%
Other Non-Motor Vehicle	1	0.1%
Other Object	8	0.9%
Overturning	2	0.2%
Parked Motor Vehicle	160	18.5%
Pedalcycle	0	0.0%
Pedestrian	5	0.6%
Rear End	129	14.9%
Sidesweep Meeting	68	7.9%
Sidesweep Passing	120	13.9%
Train	0	0.0%
<b>Total</b>	<b>863</b>	<b>100.0%</b>

**TABLE 5.19  
MOTOR VEHICLE-TRAIN CRASHES AND CONSEQUENCES  
BY POPULATION AREA**

	Urban	Percent Urban	Rural	Percent Rural	Total
<b>Crashes</b>					
Fatal	2	18.2%	9	81.8%	11
Injury	14	35.0%	26	65.0%	40
Property Damage	20	45.5%	24	54.5%	44
<b>Total</b>	<b>36</b>	<b>37.9%</b>	<b>59</b>	<b>62.1%</b>	<b>95</b>
<b>Consequences</b>					
Deaths	3	21.4%	11	78.6%	14
Injuries	19	34.5%	36	65.5%	55

**TABLE 5.20  
RAILROAD GRADE WARNING IN MOTOR VEHICLE-TRAIN CRASHES**

Type of Warnings	Total Crashes	Fatal Crashes	Killed	Injured
RR Crossbuck	50	5	6	32
RR Flashes	22	3	3	12
RR Gates	9	2	2	3
Not Stated	14	1	3	8
<b>Total</b>	<b>95</b>	<b>11</b>	<b>14</b>	<b>55</b>

# **CHAPTER 6**

# **ALCOHOL STATISTICS**

# CHAPTER 6 ALCOHOL STATISTICS

**TABLE 6.01  
ALCOHOL-RELATED CRASHES, DEATHS AND INJURIES 1985-1999**

Year	Crashes	Deaths	Injuries
1985	36,928	746	28,150
1986	38,052	809	30,577
1987	36,433	795	29,739
1988	34,580	766	29,262
1989	33,964	684	28,070
1990	32,803	623	27,954
1991	27,095	594	23,172
1992	25,156	510	21,340
1993	23,642	435	19,531
1994	23,090	330	19,246
1995	23,456	400	19,270
1996	23,282	386	19,258
1997	24,360	390	19,310
1998	24,179	374	18,783
<b>1999</b>	<b>23,156</b>	<b>394</b>	<b>17,796</b>
<b>15-Year Avg.</b>	<b>28,678</b>	<b>549</b>	<b>23,431</b>

**TABLE 6.02  
ALCOHOL-RELATED CRASHES, DEATHS AND INJURIES BY MONTH**

Month	Crashes	Deaths	Injuries
January	2,004	25	1,325
February	1,869	34	1,410
March	1,818	31	1,302
April	1,603	20	1,205
May	1,886	34	1,550
June	1,701	36	1,389
July	1,839	38	1,658
August	2,025	43	1,623
September	1,836	36	1,502
October	2,215	37	1,671
November	2,017	37	1,439
December	2,343	23	1,722
<b>Total</b>	<b>23,156</b>	<b>394</b>	<b>17,796</b>



**TABLE 6.03  
ALCOHOL INVOLVEMENT OF DRIVERS IN CRASHES BY TIME OF DAY**

	ALL CRASHES				FATAL CRASHES				INJURY CRASHES			
	Without Alcohol	With Alcohol	Total Drivers	Percent Alcohol	Without Alcohol	With Alcohol	Total Drivers	Percent Alcohol	Without Alcohol	With Alcohol	Total Drivers	Percent Alcohol
<b>All Drivers</b>												
9 p.m. - 5 a.m.	73,560	12,431	85,991	14.5%	336	221	557	39.7%	23,062	6,211	29,273	21.2%
5 a.m. - 1 p.m.	209,132	2,707	211,839	1.3%	573	26	599	4.3%	65,890	1,130	67,020	1.7%
1 p.m. - 9 p.m.	353,218	8,472	361,690	2.3%	811	90	901	10.0%	120,341	3,881	124,222	3.1%
Not Stated	3,178	154	3,332	4.6%	1	0	1	0.0%	910	63	973	6.5%
<b>Total</b>	<b>639,088</b>	<b>23,764</b>	<b>662,852</b>	<b>3.6%</b>	<b>1,721</b>	<b>337</b>	<b>2,058</b>	<b>16.4%</b>	<b>210,203</b>	<b>11,285</b>	<b>221,488</b>	<b>5.1%</b>
<b>Male Drivers</b>												
9 p.m. - 5 a.m.	42,575	9,376	51,951	18.0%	252	191	443	43.1%	13,542	4,807	18,349	26.2%
5 a.m. - 1 p.m.	115,364	1,694	117,058	1.4%	404	23	427	5.4%	35,305	755	36,060	2.1%
1 p.m. - 9 p.m.	193,483	5,906	199,389	3.0%	545	75	620	12.1%	64,412	2,873	67,285	4.3%
Not Stated	1,284	93	1,377	6.8%	1	0	1	0.0%	456	51	507	10.1%
<b>Total</b>	<b>352,706</b>	<b>17,069</b>	<b>369,775</b>	<b>4.6%</b>	<b>1,202</b>	<b>289</b>	<b>1,491</b>	<b>19.4%</b>	<b>113,715</b>	<b>8,486</b>	<b>122,201</b>	<b>6.9%</b>
<b>Female Drivers</b>												
9 p.m. - 5 a.m.	22,520	2,504	25,024	10.0%	62	30	92	32.6%	7,983	1,272	9,255	13.7%
5 a.m. - 1 p.m.	84,888	636	85,524	0.7%	158	3	161	1.9%	28,993	293	29,286	1.0%
1 p.m. - 9 p.m.	144,673	1,779	146,452	1.2%	248	15	263	5.7%	52,668	793	53,461	1.5%
Not Stated	987	37	1,024	3.6%	0	0	0	0.0%	392	9	401	2.2%
<b>Total</b>	<b>253,068</b>	<b>4,956</b>	<b>258,024</b>	<b>1.9%</b>	<b>468</b>	<b>48</b>	<b>516</b>	<b>9.3%</b>	<b>90,036</b>	<b>2,367</b>	<b>92,403</b>	<b>2.6%</b>

**Note: All drivers include drivers whose gender was not stated.**

**TABLE 6.04  
BACs OF DRINKING DRIVERS IN ERROR IN FATAL CRASHES  
BY AGE FOR A SEVENTEEN-YEAR PERIOD\***

Age Group	Drinking Drivers In Error	At Fault with BAC's	BAC TEST RESULTS					% with BAC .10 or Higher	% with BAC .20 or Higher
			.01-.04	.05-.07	.08-.09	.10-.19	.20+		
15 and Under	18	9	2	2	3	2	0	22.2%	0.0%
16-20	1,326	811	90	86	48	411	176	72.4%	21.7%
21-25	1,814	1,100	52	67	67	568	346	83.1%	31.5%
26-30	1,350	874	39	41	31	372	391	87.3%	44.7%
31-35	965	609	27	20	25	267	270	88.2%	44.3%
36-40	702	441	24	21	14	158	224	86.6%	50.8%
41-45	392	262	17	10	17	92	126	83.2%	48.1%
46-50	218	137	6	4	3	58	66	90.5%	48.2%
51-55	158	99	6	5	1	33	54	87.9%	54.5%
56-60	114	69	9	3	0	21	36	82.6%	52.2%
61-65	98	63	1	3	2	25	32	90.5%	50.8%
66-70	51	27	1	4	2	12	8	74.1%	29.6%
71-75	41	28	3	2	5	12	6	64.3%	21.4%
76 and Over	40	12	2	2	0	3	5	66.7%	41.7%
Age Unknown	5	1	0	0	0	1	0	100.0%	0.0%
<b>Total</b>	<b>7,292</b>	<b>4,542</b>	<b>279</b>	<b>270</b>	<b>218</b>	<b>2,035</b>	<b>1,740</b>	<b>83.1%</b>	<b>38.3%</b>

\*1983-1999

**TABLE 6.05  
URBAN/RURAL BREAKDOWN OF PERSONS INJURED IN ALCOHOL-RELATED CRASHES**

Population Group	DEATHS				INJURIES			
	No Alcohol	Alcohol Related	Total Deaths	Percent Alcohol Related	No Alcohol	Alcohol Related	Total Injuries	Percent Alcohol Related
Rural Under 1,000	8	2	10	20.0%	931	70	1,001	7.0%
Rural 1,000 to 2,499	10	6	16	37.5%	3,176	287	3,463	8.3%
Urban 2,500 to 4,999	13	1	14	7.1%	4,621	381	5,002	7.6%
Urban 5,000 to 9,999	12	11	23	47.8%	8,000	519	8,519	6.1%
Urban 10,000 to 24,999	65	19	84	22.6%	23,752	1,789	25,541	7.0%
Urban 25,000 to 49,999	43	11	54	20.4%	18,266	1,439	19,705	7.3%
Urban 50,000 and Over	157	71	228	31.1%	61,267	5,335	66,602	8.0%
Rural County and Township Road	254	126	380	33.2%	30,112	4,298	34,410	12.5%
Rural State and Federal Route	474	147	621	23.7%	37,125	3,674	40,799	9.0%
Not Stated	0	0	0	0.0%	12	4	16	25.0%
<b>Total</b>	<b>1,036</b>	<b>394</b>	<b>1,430</b>	<b>27.6%</b>	<b>187,262</b>	<b>17,796</b>	<b>205,058</b>	<b>8.7%</b>

**TABLE 6.06  
ALCOHOL INVOLVEMENT IN CRASHES BY TYPE OF DAMAGE**

	Total Crashes	Alcohol Related	% Alcohol Related
Fatal Crashes	1,284	357	27.8%
Injury Crashes	121,078	11,132	9.2%
Property Damage	263,342	11,667	4.4%
<b>Total Crashes</b>	<b>385,704</b>	<b>23,156</b>	<b>6.0%</b>
Deaths	1,430	394	27.6%
Injuries	205,058	17,796	8.7%
<b>URBAN</b>			
Crashes	232,414	12,732	5.5%
Fatalities	403	113	28.0%
Injuries	125,369	9,463	7.5%
<b>RURAL</b>			
Crashes	153,250	10,421	6.8%
Fatalities	1,027	281	27.4%
Injuries	79,673	8,329	10.5%

**TABLE 6.07  
DRINKING DRIVERS BY AGE AND TYPE OF VEHICLE**

	ALL CRASHES			INJURY CRASHES			FATAL CRASHES		
	Drinking Drivers	Total Drivers	Percent Drinking	Drinking Drivers	Total Drivers	Percent Drinking	Drinking Drivers	Total Drivers	Percent Drinking
<b>Car Drivers</b>									
0-15	840	9,020	9.3%	279	2,333	12.0%	0	2	0.0%
16-25	5,117	152,434	3.4%	2,528	53,273	4.7%	81	405	20.0%
26-35	4,274	93,193	4.6%	2,128	32,827	6.5%	57	220	25.9%
36-45	3,573	81,747	4.4%	1,753	28,386	6.2%	48	186	25.8%
46-55	1,622	57,273	2.8%	797	19,644	4.1%	13	148	8.8%
56-65	595	31,670	1.9%	266	10,974	2.4%	11	82	13.4%
66 and Over	466	39,541	1.2%	173	13,873	1.2%	6	168	3.6%
Not Stated	317	10,175	3.1%	91	2,482	3.7%	0	16	0.0%
<b>Total</b>	<b>16,804</b>	<b>475,053</b>	<b>3.5%</b>	<b>8,015</b>	<b>163,792</b>	<b>4.9%</b>	<b>216</b>	<b>1,227</b>	<b>17.6%</b>
<b>Truck Drivers</b>									
0-15	325	3,817	8.5%	85	754	11.3%	0	1	0.0%
16-25	1,286	30,668	4.2%	628	9,772	6.4%	31	119	26.1%
26-35	1,506	36,193	4.2%	734	10,978	6.7%	24	139	17.3%
36-45	1,562	38,821	4.0%	766	11,619	6.6%	24	160	15.0%
46-55	650	24,700	2.6%	295	7,256	4.1%	3	93	3.2%
56-65	221	12,495	1.8%	86	3,768	2.3%	3	49	6.1%
66 and Over	116	7,136	1.6%	53	2,246	2.4%	1	36	2.8%
Not Stated	150	4,350	3.4%	35	891	3.9%	0	10	0.0%
<b>Total</b>	<b>5,816</b>	<b>158,180</b>	<b>3.7%</b>	<b>2,682</b>	<b>47,284</b>	<b>5.7%</b>	<b>86</b>	<b>607</b>	<b>14.2%</b>
<b>Motorcycle Drivers</b>									
0-15	7	101	6.9%	4	69	5.8%	0	1	0.0%
16-25	59	810	7.3%	51	669	7.6%	4	25	16.0%
26-35	143	951	15.0%	121	757	16.0%	17	42	40.5%
36-45	131	882	14.9%	114	730	15.6%	6	28	21.4%
46-55	57	580	9.8%	50	479	10.4%	3	18	16.7%
56-65	8	177	4.5%	8	145	5.5%	0	5	0.0%
66 and Over	1	50	2.0%	1	43	2.3%	0	4	0.0%
Not Stated	3	47	6.4%	1	15	6.7%	0	0	0.0%
<b>Total</b>	<b>409</b>	<b>3,598</b>	<b>11.4%</b>	<b>350</b>	<b>2,907</b>	<b>12.0%</b>	<b>30</b>	<b>123</b>	<b>24.4%</b>
<b>Other Drivers</b>									
0-15	299	6,183	4.8%	45	2,153	2.1%	0	10	0.0%
16-25	58	2,114	2.7%	31	925	3.4%	2	11	18.2%
26-35	86	3,114	2.8%	51	1,063	4.8%	0	8	0.0%
36-45	87	3,077	2.8%	53	1,015	5.2%	2	20	10.0%
46-55	46	2,162	2.1%	24	724	3.3%	0	12	0.0%
56-65	16	1,183	1.4%	6	338	1.8%	0	9	0.0%
66 and Over	8	620	1.3%	2	210	1.0%	1	6	16.7%
Not Stated	135	7,568	1.8%	26	1,077	2.4%	0	25	0.0%
<b>Total</b>	<b>735</b>	<b>26,021</b>	<b>2.8%</b>	<b>238</b>	<b>7,505</b>	<b>3.2%</b>	<b>5</b>	<b>101</b>	<b>5.0%</b>
<b>All Drivers</b>									
0-15	1,471	19,121	7.7%	413	5,309	7.8%	0	14	0.0%
16-25	6,520	186,026	3.5%	3,238	64,639	5.0%	118	560	21.1%
26-35	6,009	133,451	4.5%	3,034	45,625	6.6%	98	409	24.0%
36-45	5,353	124,527	4.3%	2,686	41,750	6.4%	80	394	20.3%
46-55	2,375	84,715	2.8%	1,166	28,103	4.1%	19	271	7.0%
56-65	840	45,525	1.8%	366	15,225	2.4%	14	145	9.7%
66 and Over	591	47,347	1.2%	229	16,372	1.4%	8	214	3.7%
Not Stated	605	22,140	2.7%	153	4,465	3.4%	0	51	0.0%
<b>Total</b>	<b>23,764</b>	<b>662,852</b>	<b>3.6%</b>	<b>11,285</b>	<b>221,488</b>	<b>5.1%</b>	<b>337</b>	<b>2,058</b>	<b>16.4%</b>

**TABLE 6.08**  
**SUMMARY OF PERSONS KILLED IN CRASHES**  
**BY AGE OF THE DRINKING DRIVER IN ERROR**

<b>WHO THE DRIVERS IN ERROR KILLED</b>					
	<b>Themselves</b>	<b>Their Passengers</b>	<b>Others</b>	<b>Total Deaths</b>	<b>% Alcohol Deaths</b>
16	2	0	0	2	0.5%
17	3	4	0	7	1.8%
18	7	6	0	13	3.3%
19	11	6	0	17	4.3%
20	7	4	1	12	3.0%
<b>16-20</b>	<b>30</b>	<b>20</b>	<b>1</b>	<b>51</b>	<b>12.9%</b>
21	11	5	3	19	4.8%
22	9	6	2	17	4.3%
23	5	7	3	15	3.8%
24	12	2	1	15	3.8%
25	5	2	2	9	2.3%
<b>21-25</b>	<b>42</b>	<b>22</b>	<b>11</b>	<b>75</b>	<b>19.0%</b>
26-30	34	10	5	49	12.4%
31-35	25	7	6	38	9.6%
36-40	30	6	12	48	12.2%
41-45	18	3	6	27	6.9%
46-50	8	0	2	10	2.5%
51-55	4	2	0	6	1.5%
56-60	6	0	0	6	1.5%
61-65	5	1	0	6	1.5%
66-70	1	0	0	1	0.3%
71-75	1	0	0	1	0.3%
76 & Over	4	0	1	5	1.3%
<b>26 &amp; Over</b>	<b>136</b>	<b>29</b>	<b>32</b>	<b>197</b>	<b>50.0%</b>
<b>Total</b>	<b>208</b>	<b>71</b>	<b>44</b>	<b>323</b>	<b>82.0%</b>
<b>Note: Total alcohol-related deaths is 394, including deaths where driver error is not known.</b>					

**TABLE 6.09  
SUMMARY OF PERSONS INJURED IN CRASHES  
BY AGE OF THE DRINKING DRIVER IN ERROR**

	WHO THE DRIVERS IN ERROR INJURED			Total Injured	% Alcohol Injuries
	Themselves	Their Passengers	Others		
16	50	43	22	115	0.6%
17	127	95	67	289	1.6%
18	251	155	101	507	2.8%
19	298	149	108	555	3.1%
20	262	142	116	520	2.9%
<b>16-20</b>	<b>988</b>	<b>584</b>	<b>414</b>	<b>1,986</b>	<b>11.2%</b>
21	365	172	149	686	3.9%
22	326	102	115	543	3.1%
23	306	137	119	562	3.2%
24	266	92	121	479	2.7%
25	271	90	149	510	2.9%
<b>21-25</b>	<b>1,534</b>	<b>593</b>	<b>653</b>	<b>2,780</b>	<b>15.6%</b>
26-30	1,120	348	647	2,115	11.9%
31-35	1,083	320	691	2,094	11.8%
36-40	1,088	218	748	2,054	11.5%
41-45	813	163	602	1,578	8.9%
46-50	492	97	393	982	5.5%
51-55	272	44	230	546	3.1%
56-60	129	14	102	245	1.4%
61-65	97	14	99	210	1.2%
66-70	44	9	65	118	0.7%
71-75	44	5	65	114	0.6%
76 & Over	42	7	53	102	0.6%
<b>26 &amp; Over</b>	<b>5,224</b>	<b>1,239</b>	<b>3,695</b>	<b>10,158</b>	<b>57.1%</b>
<b>Total</b>	<b>7,746</b>	<b>2,416</b>	<b>4,762</b>	<b>14,924</b>	<b>83.9%</b>

Note: Total alcohol-related injuries is 17,796, including injuries where driver error is unknown.

**TABLE 6.10  
AGE OF PERSONS KILLED AND INJURED IN ALCOHOL-RELATED CRASHES**

Age Group	Killed	Incapacitating Injury	Visible Injury	Claimed Injury	Total Injuries	No Injury	Not Stated	Total
5 and Under	1	34	164	505	703	2,059	2,286	5,049
6-10	5	23	114	197	334	569	10	918
11-15	6	43	166	229	438	706	13	1,163
16-20	66	335	1,290	1,137	2,762	3,844	53	6,725
21-25	75	425	1,428	1,133	2,986	3,869	68	6,998
26-30	51	278	1,013	913	2,204	3,068	57	5,380
31-35	40	244	951	810	2,005	2,743	41	4,829
36-40	49	255	875	823	1,953	2,908	44	4,954
41-45	29	178	647	685	1,510	2,323	25	3,887
46-50	23	113	442	465	1,020	1,604	17	2,664
51-55	11	57	268	317	642	1,071	12	1,736
56-60	11	31	128	221	380	657	10	1,058
61-65	8	21	101	153	275	476	5	764
66-70	4	7	37	123	167	344	3	518
71-75	7	5	43	81	129	271	1	408
76 and Over	8	13	55	85	153	304	4	469
Not Stated	0	11	25	99	135	656	1,946	2,737
<b>Total</b>	<b>394</b>	<b>2,073</b>	<b>7,747</b>	<b>7,976</b>	<b>17,796</b>	<b>27,472</b>	<b>4,595</b>	<b>50,257</b>

Note: Totals include bicyclists.

**TABLE 6.11  
DRINKING DRIVERS KILLED BY VEHICLE TYPE**

	1994	1995	1996	1997	1998	1999	Average
Cars	21.5%	25.6%	22.0%	22.6%	22.5%	23.0%	22.8%
Motorcycles	31.9%	26.3%	34.9%	34.4%	24.3%	22.5%	28.9%
Pickups	29.7%	34.0%	26.9%	30.8%	31.4%	33.1%	31.1%
Panel Trucks & Vans	11.8%	35.0%	50.0%	3.7%	23.5%	29.2%	23.1%
Heavy Trucks	3.8%	0.0%	0.0%	0.0%	0.0%	8.8%	2.8%
Other Vehicles	28.0%	13.8%	12.5%	12.1%	3.4%	8.6%	12.6%
<b>All Vehicles</b>	<b>23.0%</b>	<b>25.7%</b>	<b>23.8%</b>	<b>23.4%</b>	<b>22.8%</b>	<b>23.5%</b>	<b>23.7%</b>

**TABLE 6.12  
YOUTHFUL DRIVERS IN ALCOHOL-RELATED CRASHES**

<b>Age</b>	<b>Drivers in Crashes</b>	<b>Number Involved</b>	<b>Number In Error</b>	<b>Percent In Error</b>
16	Drinking Drivers in Crashes	185	161	87.0%
	Drinking Drivers in Fatal Crashes	2	2	100.0%
	Drivers in Crashes	17,926	12,256	68.4%
	Drivers in Fatal Crashes	49	35	71.4%
17	Drinking Drivers in Crashes	384	326	84.9%
	Drinking Drivers in Fatal Crashes	5	5	100.0%
	Drivers in Crashes	22,654	14,433	63.7%
	Drivers in Fatal Crashes	47	34	72.3%
18	Drinking Drivers in Crashes	657	598	91.0%
	Drinking Drivers in Fatal Crashes	10	10	100.0%
	Drivers in Crashes	25,661	16,103	62.8%
	Drivers in Fatal Crashes	75	54	72.0%
19	Drinking Drivers in Crashes	767	700	91.3%
	Drinking Drivers in Fatal Crashes	15	14	93.3%
	Drivers in Crashes	22,611	13,486	59.6%
	Drivers in Fatal Crashes	85	58	68.2%
20	Drinking Drivers in Crashes	677	602	88.9%
	Drinking Drivers in Fatal Crashes	13	12	92.3%
	Drivers in Crashes	19,469	11,185	57.5%
	Drivers in Fatal Crashes	50	35	70.0%
21	Drinking Drivers in Crashes	973	878	90.2%
	Drinking Drivers in Fatal Crashes	18	16	88.9%
	Drivers in Crashes	17,845	9,792	54.9%
	Drivers in Fatal Crashes	58	42	72.4%
22	Drinking Drivers in Crashes	786	712	90.6%
	Drinking Drivers in Fatal Crashes	16	15	93.8%
	Drivers in Crashes	16,483	8,738	53.0%
	Drivers in Fatal Crashes	57	38	66.7%
23	Drinking Drivers in Crashes	736	660	89.7%
	Drinking Drivers in Fatal Crashes	14	13	92.9%
	Drivers in Crashes	14,957	7,896	52.8%
	Drivers in Fatal Crashes	54	31	57.4%
24	Drinking Drivers in Crashes	686	608	88.6%
	Drinking Drivers in Fatal Crashes	15	14	93.3%
	Drivers in Crashes	14,647	7,401	50.5%
	Drivers in Fatal Crashes	46	27	58.7%
<b>Total 16-24</b>	<b>Drinking Drivers in Crashes</b>	<b>5,851</b>	<b>5,245</b>	<b>89.6%</b>
	<b>Drinking Drivers in Fatal Crashes</b>	<b>108</b>	<b>101</b>	<b>93.5%</b>
	<b>Drivers in Crashes</b>	<b>172,253</b>	<b>101,290</b>	<b>58.8%</b>
	<b>Drivers in Fatal Crashes</b>	<b>521</b>	<b>354</b>	<b>67.9%</b>





# **CHAPTER 7**

# **COUNTY STATISTICS**



# CHAPTER 7 COUNTY STATISTICS

## TABLE 7.01 TOTAL CRASHES BY COUNTY

County Code	County Name	1998 Pop'n	Acc/1000 People	Total Crashes	Urban Crashes	Rural Crashes	Fatal Crashes	Injury Crashes	PDO Crashes	Deaths	Injuries	Loss x \$1,000
ADA	Adams County	28,587	38.65	1,105	163	942	7	370	728	9	669	\$48,237
ALL	Allen County	107,139	32.10	3,439	1,295	2,144	10	1,268	2,161	11	2,172	\$125,715
ASD	Ashland County	52,237	36.16	1,889	633	1,256	10	545	1,334	10	856	\$71,383
ATB	Ashtabula County	103,300	30.31	3,131	1,121	2,010	17	1,026	2,088	18	1,833	\$127,507
ATH	Athens County	61,490	33.39	2,053	593	1,458	6	533	1,514	7	847	\$60,461
AUG	Auglaize County	47,103	30.55	1,439	609	830	14	436	989	17	765	\$73,093
BEL	Belmont County	69,175	34.91	2,415	642	1,773	9	671	1,735	9	1,111	\$79,285
BRO	Brown County	40,795	30.54	1,246	103	1,143	5	378	863	6	678	\$43,959
BUT	Butler County	330,428	31.55	10,424	6,625	3,796	24	3,623	6,777	28	6,718	\$349,459
CAR	Carroll County	29,095	31.72	923	135	788	1	326	596	1	521	\$28,225
CHP	Champaign County	38,182	27.97	1,068	325	742	10	301	757	11	476	\$51,707
CLA	Clark County	145,341	32.80	4,767	2,538	2,227	25	1,562	3,180	25	2,551	\$191,725
CLE	Clermont County	175,960	32.14	5,656	436	5,220	25	1,769	3,862	28	2,995	\$209,284
CLI	Clinton County	39,979	41.30	1,651	632	1,019	8	419	1,224	10	659	\$56,622
COL	Columbiana County	111,521	26.29	2,932	993	1,939	7	1,068	1,857	7	1,875	\$102,178
COS	Coshocton County	36,115	38.60	1,394	465	929	7	272	1,115	9	388	\$43,119
CRA	Crawford County	47,217	28.70	1,355	660	695	8	401	946	9	658	\$54,111
CUY	Cuyahoga County	1,380,696	30.43	42,020	40,862	1,157	86	14,658	27,276	96	25,519	\$1,382,980
DAR	Darke County	54,180	27.02	1,464	493	971	10	443	1,011	10	746	\$62,790
DEF	Defiance County	39,824	42.01	1,673	856	817	11	444	1,218	15	728	\$66,514
DEL	Delaware County	92,209	36.12	3,331	967	2,364	10	892	2,429	12	1,383	\$100,601
ERI	Erie County	78,279	42.03	3,290	1,297	1,992	11	911	2,368	11	1,541	\$104,379
FAI	Fairfield County	123,998	31.21	3,870	1,862	2,007	17	1,305	2,548	17	2,234	\$149,107
FAY	Fayette County	28,493	40.19	1,145	420	725	5	307	833	8	464	\$38,854
FRA	Franklin County	1,021,194	38.45	39,266	33,919	5,347	87	12,999	26,180	90	21,730	\$1,264,641
FUL	Fulton County	41,895	30.91	1,295	441	853	18	386	891	19	671	\$80,044
GAL	Gallia County	33,422	42.28	1,413	298	1,115	6	407	1,000	7	638	\$49,328
GEA	Geauga County	88,788	29.58	2,626	217	2,409	7	812	1,807	9	1,361	\$84,033
GRE	Greene County	146,607	30.18	4,425	2,823	1,602	13	1,362	3,050	14	2,227	\$144,464
GUE	Guernsey County	40,994	42.40	1,738	482	1,256	7	446	1,285	12	684	\$56,064
HAM	Hamilton County	847,403	43.51	36,873	26,399	10,474	51	9,563	27,259	54	14,966	\$930,949
HAN	Hancock County	68,922	41.45	2,857	1,515	1,342	18	795	2,044	21	1,253	\$113,862
HAR	Hardin County	31,725	29.16	925	332	592	7	264	654	9	490	\$40,484
HAS	Harrison County	16,097	33.55	540	83	457	3	123	414	3	183	\$18,642
HEN	Henry County	29,923	26.70	799	254	544	8	238	553	9	400	\$40,933
HIG	Highland County	40,364	36.44	1,471	486	983	10	408	1,053	11	753	\$60,529
HOC	Hocking County	29,004	37.41	1,085	268	817	4	300	781	4	505	\$35,407
HOL	Holmes County	37,841	31.13	1,178	162	1,015	8	288	882	10	449	\$45,913
HUR	Huron County	60,293	27.62	1,665	623	1,042	9	501	1,155	9	778	\$64,775
JAC	Jackson County	32,563	50.64	1,649	467	1,182	6	417	1,226	8	662	\$51,045
JEF	Jefferson County	74,558	26.09	1,945	1,055	890	8	568	1,369	8	900	\$67,705
KNO	Knox County	53,309	41.19	2,196	779	1,417	13	529	1,654	14	871	\$79,872
LAK	Lake County	223,779	31.08	6,954	5,176	1,778	10	1,875	5,069	12	2,875	\$181,291

**TABLE 7.01  
TOTAL CRASHES BY COUNTY  
CONTINUED**

County Code	County Name	1998 Pop'n	Acc/1000 People	Total Crashes	Urban Crashes	Rural Crashes	Fatal Crashes	Injury Crashes	PDO Crashes	Deaths	Injuries	Loss x \$1,000
LAW	Lawrence County	64,427	28.57	1,841	413	1,428	9	619	1,213	12	1,058	\$73,296
LIC	Licking County	136,896	34.06	4,662	2,463	2,199	19	1,890	2,753	21	3,545	\$196,426
LOG	Logan County	46,204	32.21	1,488	385	1,102	10	380	1,098	14	592	\$58,771
LOR	Lorain County	282,149	29.37	8,286	5,551	2,735	25	2,974	5,287	26	5,318	\$300,047
LUC	Lucas County	448,542	42.94	19,260	16,387	2,873	49	5,949	13,262	57	10,263	\$609,536
MAD	Madison County	41,576	30.07	1,250	262	988	13	386	851	17	600	\$66,249
MAH	Mahoning County	255,165	33.37	8,514	3,248	5,266	27	3,227	5,260	31	6,248	\$323,081
MAR	Marion County	64,774	33.78	2,188	920	1,268	9	648	1,531	9	997	\$76,757
MED	Medina County	144,019	27.68	3,987	1,445	2,542	23	1,086	2,878	27	1,801	\$151,600
MEG	Meigs County	24,006	27.53	661	2	658	5	173	483	5	243	\$27,899
MER	Mercer County	41,198	21.87	901	332	568	5	309	587	6	524	\$37,887
MIA	Miami County	98,147	32.99	3,238	1,707	1,531	21	914	2,303	23	1,603	\$131,527
MOE	Monroe County	15,357	23.31	358	60	298	1	140	217	1	229	\$13,500
MOT	Montgomery County	558,427	28.07	15,674	11,226	4,446	47	5,664	9,963	50	9,464	\$669,295
MRG	Morgan County	14,536	39.08	568	0	567	1	179	388	1	282	\$16,999
MRW	Morrow County	31,467	36.99	1,164	113	1,051	6	346	812	6	573	\$44,212
MUS	Muskingum County	84,470	44.11	3,726	1,506	2,218	21	1,101	2,604	22	2,027	\$145,971
NOB	Noble County	12,343	43.02	531	0	530	1	122	408	1	171	\$13,099
OTT	Ottawa County	40,983	29.72	1,218	261	957	13	337	868	13	576	\$62,895
PAU	Paulding County	20,078	24.06	483	26	457	5	158	320	5	256	\$26,115
PER	Perry County	34,290	34.00	1,166	164	1,002	7	310	849	7	476	\$44,582
PIC	Pickaway County	53,731	35.27	1,895	431	1,464	11	516	1,368	12	906	\$72,229
PIK	Pike County	27,775	39.57	1,099	251	847	6	338	755	7	570	\$43,396
POR	Portage County	151,222	32.86	4,969	2,195	2,774	20	1,588	3,361	21	2,565	\$180,745
PRE	Preble County	43,226	28.80	1,245	284	961	10	407	828	10	707	\$59,446
PUT	Putnam County	35,255	18.83	664	74	589	7	223	434	7	346	\$36,624
RIC	Richland County	127,342	37.10	4,725	2,521	2,203	15	1,346	3,364	18	2,232	\$150,203
ROS	Ross County	75,473	41.68	3,146	980	2,164	19	902	2,225	19	1,490	\$124,890
SAN	Sandusky County	62,216	38.19	2,376	1,015	1,361	15	604	1,757	17	946	\$91,032
SCI	Scioto County	80,355	37.45	3,009	1,260	1,749	15	942	2,052	21	1,596	\$116,019
SEN	Seneca County	60,099	34.24	2,058	1,005	1,053	7	647	1,404	8	1,032	\$70,669
SHE	Shelby County	47,457	37.04	1,758	776	981	9	456	1,293	10	717	\$62,246
STA	Stark County	373,112	34.30	12,798	6,398	6,399	33	3,884	8,881	36	6,599	\$401,704
SUM	Summit County	537,730	38.45	20,674	17,223	3,451	34	6,767	13,873	35	11,538	\$628,701
TRU	Trumbull County	225,066	28.96	6,517	2,394	4,123	21	2,678	3,818	22	5,218	\$261,824
TUS	Tuscarawas County	88,608	36.13	3,201	1,288	1,910	14	973	2,214	16	1,594	\$116,195
UNI	Union County	39,494	34.51	1,363	360	1,003	4	376	983	4	614	\$41,636
VAN	Van Wert County	30,200	29.40	888	471	417	5	248	635	6	376	\$33,833
VIN	Vinton County	12,158	46.31	563	0	562	3	160	400	5	246	\$21,169
WAR	Warren County	146,033	32.20	4,702	1,751	2,949	25	1,447	3,230	28	2,513	\$183,900
WAS	Washington County	63,413	34.16	2,166	826	1,340	9	539	1,618	11	828	\$69,518
WAY	Wayne County	110,125	30.37	3,345	1,170	2,175	18	1,019	2,308	22	1,637	\$130,730
WIL	Williams County	38,001	38.39	1,459	344	1,114	9	351	1,099	11	606	\$54,023
WOO	Wood County	119,498	37.77	4,513	2,154	2,359	16	1,352	3,145	17	2,277	\$152,361
WYA	Wyandot County	22,826	36.23	827	268	559	6	194	627	6	299	\$32,740
State of Ohio		11,209,493	34.41	385,704	232,414	153,250	1,284	121,078	263,342	1,430	205,081	\$13,156,831

**TABLE 7.02  
ALCOHOL-RELATED CRASHES BY COUNTY**

County Code	County Name	1998 Pop'n	Acc/1000 People	Total Crashes	Urban Crashes	Rural Crashes	Fatal Crashes	Injury Crashes	PDO Crashes	Deaths	Injuries	Loss x \$1,000
ADA	Adams County	28,587	2.69	77	9	68	2	40	35	2	70	\$8,404
ALL	Allen County	107,139	1.62	174	79	95	2	73	99	2	129	\$11,002
ASD	Ashland County	52,237	2.30	120	28	92	2	69	49	2	94	\$10,497
ATB	Ashtabula County	103,300	2.75	284	90	194	4	146	134	5	249	\$21,715
ATH	Athens County	61,490	2.39	147	27	120	3	60	84	4	94	\$12,747
AUG	Auglaize County	47,103	1.49	70	26	44	3	36	31	3	63	\$10,829
BEL	Belmont County	69,175	2.59	179	44	135	3	70	106	3	115	\$13,546
BRO	Brown County	40,795	1.99	81	6	75	2	40	39	2	69	\$8,422
BUT	Butler County	330,428	2.12	701	401	299	11	319	371	13	524	\$53,953
CAR	Carroll County	29,095	3.40	99	8	91	1	46	52	1	66	\$6,177
CHP	Champaign County	38,182	1.73	66	21	45	2	28	36	3	38	\$7,568
CLA	Clark County	145,341	2.21	321	164	157	7	154	160	7	232	\$30,561
CLE	Clermont County	175,960	2.26	398	23	375	9	201	188	12	306	\$39,423
CLI	Clinton County	39,979	2.35	94	30	64	1	45	48	1	75	\$6,089
COL	Columbiana County	111,521	1.90	212	42	170	3	133	76	3	208	\$17,821
COS	Coshocton County	36,115	2.13	77	31	46	4	43	30	5	58	\$14,037
CRA	Crawford County	47,217	1.50	71	30	41	5	40	26	6	65	\$16,532
CUY	Cuyahoga County	1,380,696	2.17	2,996	2,913	82	21	1,441	1,534	23	2,629	\$164,956
DAR	Darke County	54,180	1.88	102	18	84	4	58	40	4	84	\$15,132
DEF	Defiance County	39,824	1.88	75	28	47	0	45	30	0	56	\$3,285
DEL	Delaware County	92,209	1.92	177	39	138	1	87	89	2	130	\$9,214
ERI	Erie County	78,279	2.31	181	76	105	3	90	88	3	129	\$14,865
FAI	Fairfield County	123,998	2.22	275	124	151	7	130	138	7	201	\$28,782
FAY	Fayette County	28,493	2.11	60	20	40	2	23	35	2	32	\$7,214
FRA	Franklin County	1,021,194	1.63	1,660	1,377	283	25	781	854	26	1,263	\$126,588
FUL	Fulton County	41,895	1.98	83	15	68	8	32	43	9	54	\$24,218
GAL	Gallia County	33,422	3.05	102	10	92	1	60	41	1	92	\$7,108
GEA	Geauga County	88,788	2.02	179	1	178	2	91	86	2	138	\$12,203
GRE	Greene County	146,607	1.91	280	173	107	3	122	155	3	187	\$17,407
GUE	Guernsey County	40,994	2.61	107	31	76	0	55	52	0	81	\$4,084
HAM	Hamilton County	847,403	1.81	1,536	1,105	431	15	631	890	15	1,010	\$89,020
HAN	Hancock County	68,922	1.65	114	57	57	2	48	64	3	73	\$9,094
HAR	Hardin County	31,725	1.70	54	15	39	2	26	26	2	43	\$7,383
HAS	Harrison County	16,097	2.67	43	4	39	1	18	24	1	33	\$4,091
HEN	Henry County	29,923	1.14	34	3	31	0	23	11	0	33	\$1,660
HIG	Highland County	40,364	2.80	113	35	78	3	48	62	3	95	\$11,808
HOC	Hocking County	29,004	2.76	80	15	65	1	42	37	1	56	\$5,830
HOL	Holmes County	37,841	1.06	40	5	35	1	15	24	1	26	\$3,881
HUR	Huron County	60,293	1.72	104	28	76	2	53	49	2	74	\$9,377
JAC	Jackson County	32,563	3.01	98	23	75	3	37	58	3	58	\$11,020
JEF	Jefferson County	74,558	1.85	138	36	102	2	82	54	2	120	\$11,429
KNO	Knox County	53,309	2.21	118	26	92	2	54	62	2	84	\$9,505
LAK	Lake County	223,779	1.60	359	259	100	4	160	195	4	216	\$22,970
LAW	Lawrence County	64,427	2.41	155	37	118	4	70	81	5	109	\$16,157
LIC	Licking County	136,896	2.35	322	157	165	5	182	135	5	272	\$26,963
LOG	Logan County	46,204	1.69	78	24	54	2	39	37	2	64	\$8,343
LOR	Lorain County	282,149	2.04	575	361	214	8	301	266	8	486	\$44,051

**TABLE 7.02**  
**ALCOHOL-RELATED CRASHES BY COUNTY**  
**Continued**

County Code	County Name	1998 Pop'n	Acc/1000 People	Total Crashes	Urban Crashes	Rural Crashes	Fatal Crashes	Injury Crashes	PDO Crashes	Deaths	Injuries	Loss x \$1,000
LUC	Lucas County	448,542	2.53	1,136	942	194	12	456	668	17	749	\$67,602
MAD	Madison County	41,576	1.80	75	11	64	1	44	30	1	73	\$5,938
MAH	Mahoning County	255,165	1.85	473	180	293	14	241	218	18	422	\$55,973
MAR	Marion County	64,774	2.12	137	54	83	3	55	79	3	78	\$12,375
MED	Medina County	144,019	1.78	257	55	202	7	95	155	8	145	\$26,409
MEG	Meigs County	24,006	2.71	65	0	65	1	32	32	1	46	\$5,107
MER	Mercer County	41,198	1.65	68	16	52	3	40	25	3	68	\$11,082
MIA	Miami County	98,147	2.02	198	87	111	2	80	116	2	136	\$11,568
MOE	Monroe County	15,357	2.21	34	2	32	1	23	10	1	29	\$4,378
MOT	Montgomery County	558,427	1.68	938	620	318	14	476	448	14	756	\$73,458
MRG	Morgan County	14,536	2.48	36	0	36	0	17	19	0	21	\$1,276
MRW	Morrow County	31,467	2.00	63	2	61	2	28	33	2	44	\$7,555
MUS	Muskingum County	84,470	3.10	262	103	158	5	149	108	6	252	\$24,531
NOB	Noble County	12,343	2.27	28	0	28	0	10	18	0	12	\$781
OTT	Ottawa County	40,983	1.85	76	14	62	2	36	38	2	59	\$8,137
PAU	Paulding County	20,078	1.94	39	0	39	0	25	14	0	39	\$1,813
PER	Perry County	34,290	2.89	99	14	85	3	57	39	3	76	\$12,335
PIC	Pickaway County	53,731	2.21	119	15	104	1	58	60	1	95	\$7,053
PIK	Pike County	27,775	3.35	93	5	88	3	49	41	3	70	\$11,784
POR	Portage County	151,222	2.68	406	127	279	4	210	192	4	319	\$26,456
PRE	Preble County	43,226	1.97	85	13	72	3	43	39	3	59	\$11,355
PUT	Putnam County	35,255	2.04	72	9	63	2	44	26	2	58	\$8,643
RIC	Richland County	127,342	2.76	352	147	205	5	161	186	5	231	\$25,722
ROS	Ross County	75,473	2.89	218	73	145	5	100	113	5	147	\$21,124
SAN	Sandusky County	62,216	2.15	134	49	85	2	65	67	2	88	\$10,298
SCI	Scioto County	80,355	2.50	201	79	122	2	109	90	4	170	\$13,481
SEN	Seneca County	60,099	2.36	142	61	81	3	73	66	3	95	\$13,576
SHE	Shelby County	47,457	2.40	114	45	69	1	64	49	1	92	\$7,424
STA	Stark County	373,112	2.15	802	447	355	7	370	425	7	559	\$46,874
SUM	Summit County	537,730	2.19	1,179	945	234	12	567	600	12	899	\$75,066
TRU	Trumbull County	225,066	2.43	548	171	377	10	313	225	10	505	\$50,153
TUS	Tuscarawas County	88,608	2.31	205	50	155	4	123	78	4	183	\$19,853
UNI	Union County	39,494	1.52	60	12	48	2	23	35	2	41	\$7,214
VAN	Van Wert County	30,200	1.49	45	18	27	0	25	20	0	35	\$1,840
VIN	Vinton County	12,158	3.04	37	0	37	1	24	12	3	28	\$4,457
WAR	Warren County	146,033	2.26	330	96	234	11	156	163	11	275	\$41,607
WAS	Washington County	63,413	1.59	101	31	70	2	54	45	4	78	\$9,429
WAY	Wayne County	110,125	1.43	157	35	122	3	77	77	5	122	\$13,906
WIL	Williams County	38,001	1.92	73	12	61	3	36	34	3	58	\$10,842
WOO	Wood County	119,498	2.13	255	110	145	1	116	138	2	180	\$11,464
WYA	Wyandot County	22,826	1.53	35	8	27	2	21	12	2	25	\$6,970
	State of Ohio	11,209,493	2.07	23,156	12,732	10,421	357	11,132	11,667	394	17,800	\$1,803,853

# **CHAPTER 8**

# **CITY STATISTICS**





# CHAPTER 8 CITY STATISTICS

**TABLE 8.01  
TOTAL CRASHES BY CITY**

County Code	City Name	Population	Crash Rate	Fatal Crashes	Injury Crashes	PDO Crashes	Deaths	Injuries	Total Crashes
State of Ohio		11,209,493	34.41	1,284	121,078	263,342	1,430	205,058	385,704
<b>City Population: 50,000 and Over</b>									
County Code	City Name	Population	Crash Rate	Fatal Crashes	Injury Crashes	PDO Crashes	Deaths	Injuries	Total Crashes
SUM	Akron	215,712	45.25	11	3,513	6,236	11	6,343	9,760
STA	Canton	79,259	46.62	8	1,049	2,638	10	1,666	3,695
HAM	Cincinnati	336,400	53.21	20	3,864	14,016	20	5,487	17,900
CUY	Cleveland	495,817	40.01	45	7,137	12,658	49	13,101	19,840
CUY	Cleveland Heights	53,533	14.68	0	375	411	0	852	786
FRA	Columbus	670,234	41.07	57	9,213	18,254	58	15,432	27,524
MOT	Dayton	167,475	31.85	12	2,041	3,281	12	3,453	5,334
LOR	Elyria	56,278	37.10	1	576	1,511	1	874	2,088
CUY	Euclid	50,644	20.32	5	300	724	6	448	1,029
BUT	Hamilton	61,808	39.02	2	1,030	1,380	2	2,098	2,412
MOT	Kettering	57,205	19.75	4	342	784	6	536	1,130
CUY	Lakewood	55,682	17.01	3	294	650	3	390	947
LOR	Lorain	68,857	24.91	5	978	732	5	2,072	1,715
CUY	Parma	83,347	15.43	3	504	779	3	780	1,286
CLA	Springfield	65,568	37.30	3	816	1,627	3	1,277	2,446
LUC	Toledo	312,174	46.35	26	4,519	9,924	29	7,807	14,469
MAH	Youngstown	84,650	32.30	8	1,413	1,313	9	3,104	2,734
<b>City Population: 25,000 to 49,999</b>									
County Code	City Name	Population	Crash Rate	Fatal Crashes	Injury Crashes	PDO Crashes	Deaths	Injuries	Total Crashes
SUM	Barberton	27,097	30.37	3	286	534	4	492	823
GRE	Beavercreek	40,014	33.81	5	366	982	6	596	1,353
WOO	Bowling Green	28,200	33.79	1	250	702	1	472	953
MED	Brunswick	32,634	13.57	1	136	306	1	234	443
SUM	Cuyahoga Falls	49,913	33.92	0	436	1,257	0	680	1,693
FRA	Dublin	25,506	36.23	1	275	648	1	410	924
CUY	East Cleveland	29,937	22.75	2	322	357	3	657	681
GRE	Fairborn	31,390	25.71	0	238	569	0	372	807
BUT	Fairfield	41,765	35.15	1	445	1,022	1	683	1,468
HAN	Findlay	37,132	38.57	2	404	1,026	2	595	1,432
FRA	Gahanna	31,579	16.47	2	152	366	2	233	520
CUY	Garfield Heights	29,160	31.04	1	242	662	1	343	905
MOT	Huber Heights	36,997	30.19	4	349	764	4	530	1,117
POR	Kent	26,833	32.83	1	237	643	1	377	881
FAI	Lancaster	37,701	40.16	1	436	1,077	1	676	1,514
ALL	Lima	42,382	25.32	0	521	552	0	854	1,073
RIC	Mansfield	49,802	37.03	4	573	1,267	4	938	1,844
CUY	Maple Heights	25,302	21.90	0	161	393	0	269	554
MAR	Marion	32,281	28.50	0	243	677	0	376	920
STA	Massillon	30,894	33.99	1	351	698	1	596	1,050
LAK	Mentor	49,227	41.38	2	480	1,555	3	683	2,037

**TABLE 8.01  
TOTAL CRASHES BY CITY  
Continued**

<b>City Population: 25,000 to 49,999</b>									
County Code	City Name	Population	Crash Rate	Fatal Crashes	Injury Crashes	PDO Crashes	Deaths	Injuries	Total Crashes
BUT	Middletown	48,590	41.37	2	811	1,197	2	1,706	2,010
LIC	Newark	48,245	33.39	0	861	750	0	1,904	1,611
CUY	North Olmsted	33,546	24.35	1	251	565	1	386	817
CUY	North Royalton	25,016	23.82	0	163	433	0	242	596
FRA	Reynoldsburg	29,473	19.34	0	159	411	0	242	570
ERI	Sandusky	28,223	37.74	1	233	831	1	343	1,065
CUY	Shaker Heights	28,116	32.51	2	269	643	2	387	914
SUM	Stow	31,357	27.59	1	241	623	1	357	865
CUY	Strongsville	41,304	32.95	1	427	933	3	662	1,361
MOT	Trotwood	27,964	21.78	4	228	377	4	415	609
FRA	Upper Arlington	31,699	18.17	1	140	435	1	206	576
TRU	Warren	46,866	25.20	2	549	630	2	1,325	1,181
FRA	Westerville	33,437	20.58	0	193	495	0	276	688
CUY	Westlake	29,740	25.29	1	242	509	2	364	752
MUS	Zanesville	26,831	53.97	1	442	1,005	1	951	1,448
<b>City Population: 10,000 to 24,999</b>									
County Code	City Name	Population	Crash Rate	Fatal Crashes	Injury Crashes	PDO Crashes	Deaths	Injuries	Total Crashes
STA	Alliance	22,448	38.89	0	318	555	0	687	873
LOR	Amherst	11,364	31.33	0	108	248	0	179	356
ASD	Ashland	21,521	25.93	0	134	424	0	198	558
ATB	Ashtabula	21,472	26.64	1	232	339	1	474	572
ATH	Athens	21,706	17.92	0	86	303	0	116	389
POR	Aurora	11,530	28.45	0	79	249	0	135	328
LOR	Avon	10,615	27.98	0	89	208	0	125	297
LOR	Avon Lake	17,171	11.01	0	42	147	0	52	189
CUY	Bay Village	15,859	10.66	0	34	135	0	45	169
CUY	Beachwood	10,955	49.75	0	176	369	0	264	545
CUY	Bedford	13,800	28.55	0	140	254	0	201	394
CUY	Bedford Heights	11,471	37.31	0	148	280	0	256	428
LOG	Bellefontaine	13,037	29.53	1	99	285	1	133	385
CUY	Berea	18,380	21.27	1	97	293	1	129	391
FRA	Bexley	12,216	30.62	0	83	291	0	116	374
HAM	Blue Ash	12,374	53.34	0	206	454	0	314	660
CUY	Brecksville	12,623	21.31	1	103	165	1	180	269
CUY	Broadview Heights	14,187	23.05	3	84	240	3	137	327
CUY	Brook Park	22,084	21.64	3	222	253	3	427	478
CUY	Brooklyn	11,462	18.41	1	136	74	1	295	211
CRA	Bucyrus	13,192	26.61	0	90	261	0	120	351
GUE	Cambridge	11,791	37.06	0	109	328	0	174	437
MER	Celina	10,615	26.10	0	70	207	0	108	277
MOT	Centerville	23,035	20.84	1	154	325	1	245	480
ROS	Chillicothe	22,275	44.00	2	216	762	2	317	980
PIC	Circleville	12,107	32.79	0	92	305	0	134	397
ATB	Conneaut	12,836	20.96	2	92	175	2	208	269
COS	Coshocton	12,183	38.17	0	80	385	0	114	465
DEF	Defiance	16,458	46.72	4	163	602	4	254	769
DEL	Delaware	18,962	42.93	0	170	644	0	240	814

**TABLE 8.01  
TOTAL CRASHES BY CITY  
Continued**

City Population: 10,000 to 24,999										
County Code	City Name	Population	Crash Rate	Fatal Crashes	Injury Crashes	PDO Crashes	Deaths	Injuries	Total Crashes	Total Crashes
TUS	Dover	11,844	32.67	0	120	267	0	248	387	
COL	East Liverpool	13,151	32.93	0	174	259	0	350	433	
LAK	Eastlake	20,976	20.59	1	124	307	1	159	432	
MOT	Englewood	11,870	28.39	1	104	232	2	163	337	
HAM	Forest Park	19,442	32.82	0	234	404	0	467	638	
SEN	Fostoria	14,379	29.42	0	175	248	0	347	423	
WAR	Franklin	11,664	36.09	1	153	267	1	248	421	
SAN	Fremont	17,010	42.50	1	153	569	1	229	723	
CRA	Galion	11,396	20.09	1	51	177	1	83	229	
TRU	Girard	10,872	24.37	1	131	133	1	291	265	
SUM	Green	21,975	43.41	5	244	705	5	337	954	
DAR	Greenville	13,099	37.64	0	105	388	0	178	493	
FRA	Grove City	18,938	23.13	1	124	313	1	177	438	
FRA	Hilliard	19,934	28.39	3	126	437	3	195	566	
SUM	Hudson	21,226	30.34	0	226	418	0	404	644	
LAW	Ironton	12,724	31.20	2	92	303	3	159	397	
ATB	Lakeville	12,836	0.00	0	0	0	0	0	0	
WAR	Lebanon	13,802	35.07	0	109	375	0	190	484	
HAM	Loveland	11,780	13.41	1	46	111	1	71	158	
CUY	Lyndhurst	15,109	31.31	1	153	319	1	223	473	
WAS	Marietta	14,857	39.24	1	112	470	1	157	583	
UNI	Marysville	13,010	27.13	1	135	217	1	276	353	
WAR	Mason	18,850	23.55	0	137	307	0	241	444	
LUC	Maumee	14,955	47.21	1	146	559	1	213	706	
CUY	Mayfield Heights	18,519	28.08	0	160	360	0	224	520	
MED	Medina	22,928	26.30	0	133	470	0	209	603	
MOT	Miamisburg	18,304	32.34	1	171	420	1	267	592	
CUY	Middleburg Heights	14,877	54.85	0	251	565	0	387	816	
KNO	Mount Vernon	14,973	51.63	1	180	592	1	299	773	
TUS	New Philadelphia	16,615	43.94	1	226	503	1	361	730	
TRU	Niles	20,593	23.70	0	280	208	0	562	488	
STA	North Canton	15,601	28.01	0	130	307	0	190	437	
HAM	North College Hill	10,363	21.52	0	75	148	0	122	223	
LOR	North Ridgeville	23,411	21.10	2	148	344	2	202	494	
SUM	Norton	12,077	36.35	2	167	270	2	252	439	
HUR	Norwalk	15,694	24.09	1	84	293	1	125	378	
HAM	Norwood	21,450	42.14	1	226	677	1	395	904	
LUC	Oregon	19,136	32.50	1	201	420	1	323	622	
BUT	Oxford	18,789	22.41	0	98	323	0	159	421	
LAK	Painesville	15,896	32.40	0	121	394	0	175	515	
CUY	Parma Heights	20,624	19.35	0	121	278	0	226	399	
WOO	Perrysburg	14,411	35.32	0	120	389	0	179	509	
MIA	Piqua	19,810	33.82	1	166	503	1	294	670	
SCI	Portsmouth	22,213	48.89	1	304	781	1	500	1,086	
POR	Ravenna	11,961	32.77	0	123	269	0	229	392	
HAM	Reading	11,488	28.29	0	99	226	0	165	325	
CUY	Riveredge Township	16,897	16.93	1	109	176	1	194	286	

**TABLE 8.01  
TOTAL CRASHES BY CITY  
Continued**

<b>City Population: 10,000 to 24,999</b>									
County			Crash	Fatal	Injury	PDO			Total
Code	City Name	Population	Rate	Crashes	Crashes	Crashes	Deaths	Injuries	Crashes
CUY	Rocky River	19,506	20.92	0	147	261	0	258	408
COL	Salem	11,894	19.59	0	87	146	0	169	233
CUY	Seven Hills	12,276	12.54	0	49	105	0	84	154
HAM	Sharonville	13,870	85.87	1	295	895	1	411	1,191
SHE	Sidney	19,197	40.42	1	179	596	1	275	776
CUY	Solon	20,017	33.07	2	218	442	2	346	662
CUY	South Euclid	22,355	26.21	1	159	426	1	221	586
WAR	Springboro	10,520	25.95	1	127	145	1	271	273
HAM	Springdale	10,081	98.11	0	289	700	0	494	989
JEF	Steubenville	20,224	41.78	1	226	618	1	385	845
POR	Streetsboro	11,996	46.10	0	170	383	0	260	553
MAH	Struthers	12,342	14.91	0	52	132	0	114	184
LUC	Sylvania	17,664	23.27	2	125	284	2	213	411
SUM	Tallmadge	16,054	29.90	1	132	347	1	183	480
SEN	Tiffin	18,007	38.76	1	145	552	1	199	698
MIA	Troy	21,672	32.62	1	159	547	1	224	707
SUM	Twinsburg	15,179	27.67	2	89	329	2	117	420
CUY	University Heights	13,409	16.33	0	66	153	0	89	219
CHP	Urbana	11,142	29.17	0	78	247	0	120	325
VAN	Van Wert	10,608	40.06	0	99	326	0	135	425
MOT	Vandalia	14,021	27.74	1	119	269	1	183	389
LOR	Vermilion	11,344	18.60	2	72	137	2	128	211
MED	Wadsworth	17,567	20.83	1	88	277	1	130	366
CUY	Warrensville Heights	14,822	25.91	1	172	211	1	328	384
FAY	Washington	13,283	31.62	0	103	317	0	150	420
MOT	West Carrollton	13,709	25.24	0	84	262	0	119	346
FRA	Whitehall	19,237	29.16	0	213	348	0	338	561
LAK	Wickliffe	13,953	26.52	0	119	251	0	185	370
LAK	Willoughby	21,494	40.10	1	247	614	1	380	862
LAK	Willowick	14,448	16.47	0	69	169	0	105	238
CLI	Wilmington	11,866	42.64	0	107	399	0	164	506
WAY	Wooster	23,609	35.24	2	224	606	3	368	832
FRA	Worthington	14,103	40.42	1	183	386	1	261	570
GRE	Xenia	24,994	20.80	1	144	375	1	217	520
<b>City Population: 5,000 to 9,999</b>									
County			Crash	Fatal	Injury	PDO			Total
Code	City Name	Population	Rate	Crashes	Crashes	Crashes	Deaths	Injuries	Crashes
HAR	Ada	5,524	15.93	0	18	70	0	32	88
BEL	Bellaire	5,603	25.52	0	41	102	0	76	143
GRE	Bellbrook	7,033	7.96	0	14	42	0	21	56
HUR	Bellevue	8,051	24.97	0	53	148	0	80	201
WAS	Belpre	7,016	34.64	1	72	170	1	115	243
WIL	Bryan	8,510	31.26	0	64	202	0	107	266
MAH	Campbell	9,246	15.36	0	50	92	0	100	142
MAH	Canfield	5,459	22.17	0	33	88	0	59	121
WAR	Carlisle	5,057	0.00	0	0	0	0	0	0
GEA	Chardon	5,010	42.91	0	57	158	0	91	215
HAM	Cheviot	8,863	26.97	0	116	123	0	267	239

**TABLE 8.01  
TOTAL CRASHES BY CITY  
Continued**

City Population: 5,000 to 9,999									
County Code	City Name	Population	Crash Rate	Fatal Crashes	Injury Crashes	PDO Crashes	Deaths	Injuries	Total Crashes
SAN	Clyde	5,990	24.04	0	35	109	0	52	144
COL	Columbiana	6,868	20.82	1	43	99	1	61	143
TRU	Cortland	6,396	15.17	0	54	43	0	114	97
HAM	Deer Park	5,675	20.79	1	21	96	1	37	118
ALL	Delphos	6,800	22.21	0	39	112	0	57	151
COL	East Palestine	5,255	19.60	0	35	68	0	59	103
PRE	Eaton	7,827	35.39	0	100	177	0	158	277
SUM	Fairlawn	6,327	64.33	2	103	302	2	167	407
GAL	Gallipolis	5,045	59.07	0	103	195	0	182	298
ATB	Geneva	6,883	22.81	0	53	104	0	79	157
FRA	Grandview Heights	6,559	25.61	1	53	114	1	73	168
HIG	Greenfield	5,586	19.33	0	28	80	0	44	108
HAM	Harrison	9,566	30.63	0	78	215	0	118	293
LIC	Heath	8,332	58.57	0	153	335	0	312	488
CUY	Highland Heights	7,144	34.29	0	67	178	0	92	245
HIG	Hillsboro	7,350	51.43	0	95	283	0	184	378
TRU	Hubbard	8,078	18.82	0	51	101	0	71	152
ERI	Huron	7,279	16.07	1	34	82	1	42	117
CUY	Independence	6,690	92.53	1	214	404	1	330	619
HAM	Indian Hill	5,355	36.23	0	46	148	0	64	194
JAC	Jackson	5,999	46.17	0	76	201	0	138	277
HAR	Kenton	8,345	29.24	1	80	163	1	209	244
LAK	Kirtland	6,538	28.60	0	61	126	0	129	187
HOC	Logan	7,604	35.24	0	63	205	0	124	268
MAD	London	8,507	22.22	0	33	156	0	50	189
STA	Louisville	8,381	15.87	0	38	95	0	65	133
SUM	Macedonia	9,191	52.01	0	211	267	0	434	478
HAM	Madeira	8,754	20.79	1	48	133	1	67	182
BEL	Martins Ferry	7,447	29.94	0	45	178	0	78	223
LAK	Mentor-on-the-Lake	8,509	7.52	0	18	46	0	29	64
CLE	Milford	5,978	34.29	0	42	163	0	65	205
BUT	Monroe	6,270	41.95	0	74	189	0	134	263
HAM	Montgomery	9,645	65.01	3	195	429	3	275	627
MOT	Moraine	7,568	66.46	1	172	330	1	303	503
HAM	Mount Healthy	7,028	28.88	1	66	136	1	123	203
SUM	Munroe Falls	5,466	14.09	0	22	55	0	31	77
HEN	Napoleon	9,189	27.64	0	47	207	0	64	254
CLA	New Carlisle	6,157	14.94	0	38	54	0	81	92
PER	New Lexington	5,391	29.49	0	25	134	0	38	159
WOO	Northwood	5,915	59.00	2	90	257	3	138	349
MOT	Oakwood	8,343	18.10	0	36	115	0	59	151
LOR	Oberlin	7,787	13.36	0	34	70	0	65	104
CUY	Olmsted Falls	7,334	17.73	0	30	100	0	51	130
WAY	Orrville	8,227	25.89	0	64	149	0	109	213
CUY	Pepper Pike	6,105	47.50	2	141	147	3	292	290
FAI	Pickerington	8,927	33.16	1	109	186	1	228	296
OTT	Port Clinton	7,123	24.99	1	35	142	1	52	178
CUY	Richmond Heights	9,520	24.89	0	54	183	0	85	237
WAY	Rittman	6,568	12.79	0	17	67	0	30	84

**TABLE 8.01**  
**TOTAL CRASHES BY CITY**  
**Continued**

<b>City Population: 5,000 to 9,999</b>										
County			Crash	Fatal	Injury	PDO			Total	
Code	City Name	Population	Rate	Crashes	Crashes	Crashes	Deaths	Injuries	Crashes	
WOO	Rossford	6,015	36.91	0	73	149	0	120	222	
BEL	Saint Clairsville	5,196	21.36	0	45	66	0	78	111	
AUG	Saint Marys	8,373	29.62	0	73	175	0	136	248	
LOR	Sheffield Lake	9,915	9.18	0	21	70	0	46	91	
RIC	Shelby	9,449	23.81	0	58	167	0	98	225	
HAM	Silverton	5,598	27.87	0	67	89	0	116	156	
MIA	Tipp City	6,308	31.39	0	78	120	0	163	198	
JEF	Toronto	5,662	13.95	0	19	60	0	28	79	
BUT	Trenton	7,712	16.21	0	50	75	0	103	125	
TUS	Uhrichsville	5,662	21.55	0	42	80	0	76	122	
MOT	Union	5,946	7.40	0	9	35	0	11	44	
WYA	Upper Sandusky	5,992	32.21	1	37	155	1	62	193	
AUG	Wapakoneta	9,317	28.01	0	68	193	0	123	261	
FUL	Wauseon	6,944	26.93	0	57	130	0	110	187	
JAC	Wellston	7,326	25.94	0	45	145	0	71	190	
HUR	Willard	6,652	20.14	0	36	98	0	58	134	
LAK	Willoughby Hills	8,832	41.78	0	94	275	0	137	369	
HAM	Wyoming	7,425	13.87	0	37	66	0	59	103	

**TABLE 8.02  
ALCOHOL-RELATED CRASHES BY CITY**

County Code	City Name	Population	Crash Rate	Fatal Crashes	Injury Crashes	PDO Crashes	Deaths	Injuries	Total Crashes
	State of Ohio	11,209,493	2.07	357	11,132	11,667	394	17,796	23,156
<b>City Population: 50,000 and Over</b>									
County Code	City Name	Population	Crash Rate	Fatal Crashes	Injury Crashes	PDO Crashes	Deaths	Injuries	Total Crashes
SUM	Akron	215,712	2.59	2	281	275	2	449	558
STA	Canton	79,259	3.89	1	121	186	1	161	308
HAM	Cincinnati	336,400	2.13	5	283	429	5	454	717
CUY	Cleveland	495,817	3.54	9	870	875	9	1,697	1,754
CUY	Cleveland Heights	53,533	0.67	0	14	22	0	18	36
FRA	Columbus	670,234	1.62	21	490	576	22	807	1,087
MOT	Dayton	167,475	1.52	6	142	106	6	227	254
LOR	Elyria	56,278	1.87	0	48	57	0	79	105
CUY	Euclid	50,644	0.95	2	22	24	3	28	48
BUT	Hamilton	61,808	2.70	1	88	78	1	150	167
MOT	Kettering	57,205	1.56	2	35	52	2	60	89
CUY	Lakewood	55,682	1.74	1	22	74	1	34	97
LOR	Lorain	68,857	1.89	3	91	36	3	175	130
CUY	Parma	83,347	1.01	1	34	49	1	66	84
CLA	Springfield	65,568	2.39	0	72	85	0	117	157
LUC	Toledo	312,174	2.74	8	340	508	10	559	856
MAH	Youngstown	84,650	1.74	4	91	52	5	187	147

**TABLE 8.02**  
**ALCOHOL CRASHES BY CITY**  
**Continued**

City Population: 25,000 to 49,999									
County Code	City Name	Population	Crash Rate	Fatal Crashes	Injury Crashes	PDO Crashes	Deaths	Injuries	Total Crashes
SUM	Barberton	27,097	2.84	1	30	46	1	50	77
GRE	Beavercreek	40,014	2.15	1	29	56	1	49	86
WOO	Bowling Green	28,200	2.20	0	23	39	0	42	62
MED	Brunswick	32,634	0.86	1	11	16	1	15	28
SUM	Cuyahoga Falls	49,913	1.32	0	27	39	0	53	66
FRA	Dublin	25,506	1.10	0	14	14	0	19	28
CUY	East Cleveland	29,937	2.57	0	36	41	0	63	77
GRE	Fairborn	31,390	1.62	0	16	35	0	24	51
BUT	Fairfield	41,765	0.91	0	18	20	0	27	38
HAN	Findlay	37,132	1.48	0	19	36	0	24	55
FRA	Gahanna	31,579	0.89	0	18	10	0	20	28
CUY	Garfield Heights	29,160	2.64	0	34	43	0	50	77
MOT	Huber Heights	36,997	1.62	1	33	26	1	51	60
POR	Kent	26,833	1.86	0	17	33	0	31	50
FAI	Lancaster	37,701	2.79	1	43	61	1	58	105
ALL	Lima	42,382	1.65	0	28	42	0	40	70
RIC	Mansfield	49,802	2.65	1	66	65	1	104	132
CUY	Maple Heights	25,302	1.26	0	14	18	0	21	32
MAR	Marion	32,281	1.67	0	21	33	0	24	54
STA	Massillon	30,894	1.88	0	30	28	0	56	58
LAK	Mentor	49,227	1.73	0	33	52	0	40	85
BUT	Middletown	48,590	2.84	1	65	72	1	111	138
LIC	Newark	48,245	2.30	0	66	45	0	110	111
CUY	North Olmsted	33,546	1.13	0	16	22	0	26	38
CUY	North Royalton	25,016	1.32	0	20	13	0	31	33
FRA	Reynoldsburg	29,473	1.02	0	12	18	0	14	30
ERI	Sandusky	28,223	2.41	0	21	47	0	27	68
CUY	Shaker Heights	28,116	0.96	0	10	17	0	14	27
SUM	Stow	31,357	0.70	1	10	11	1	16	22
CUY	Strongsville	41,304	1.21	0	27	23	0	44	50
MOT	Trotwood	27,964	1.00	1	15	12	1	20	28
FRA	Upper Arlington	31,699	0.66	0	9	12	0	15	21
TRU	Warren	46,866	2.09	2	61	35	2	109	98
FRA	Westerville	33,437	0.69	0	9	14	0	13	23
CUY	Westlake	29,740	1.14	0	15	19	0	22	34
MUS	Zanesville	26,831	3.69	0	48	51	0	88	99



**TABLE 8.02  
ALCOHOL CRASHES BY CITY  
Continued**

City Population: 10,000 to 24,999									
County Code	City Name	Population	Crash Rate	Fatal Crashes	Injury Crashes	PDO Crashes	Deaths	Injuries	Total Crashes
STA	Alliance	22,448	1.96	0	18	26	0	27	44
LOR	Amherst	11,364	2.46	0	13	15	0	19	28
ASD	Ashland	21,521	1.12	0	6	18	0	9	24
ATB	Ashtabula	21,472	2.28	1	27	21	1	47	49
ATH	Athens	21,706	0.69	0	1	14	0	1	15
POR	Aurora	11,530	1.65	0	9	10	0	9	19
LOR	Avon	10,615	1.98	0	7	14	0	9	21
LOR	Avon Lake	17,171	0.47	0	3	5	0	4	8
CUY	Bay Village	15,859	0.44	0	0	7	0	0	7
CUY	Beachwood	10,955	1.46	0	6	10	0	7	16
CUY	Bedford	13,800	1.45	0	13	7	0	16	20
CUY	Bedford Heights	11,471	2.27	0	20	6	0	46	26
LOG	Bellefontaine	13,037	1.84	0	10	14	0	11	24
CUY	Berea	18,380	1.25	0	13	10	0	14	23
FRA	Bexley	12,216	1.56	0	3	16	0	7	19
HAM	Blue Ash	12,374	1.29	0	8	8	0	11	16
CUY	Brecksville	12,623	1.19	1	6	8	1	9	15
CUY	Broadview Heights	14,187	0.70	2	5	3	2	9	10
CUY	Brook Park	22,084	2.04	0	26	19	0	51	45
CUY	Brooklyn	11,462	1.48	1	11	5	1	22	17
CRA	Bucyrus	13,192	0.99	0	6	7	0	9	13
GUE	Cambridge	11,791	2.21	0	10	16	0	12	26
MER	Celina	10,615	1.32	0	6	8	0	6	14
MOT	Centerville	23,035	0.43	0	5	5	0	5	10
ROS	Chillicothe	22,275	3.28	0	13	60	0	17	73
PIC	Circleville	12,107	1.16	0	6	8	0	10	14
ATB	Conneaut	12,836	1.79	0	14	9	0	32	23
COS	Coshocton	12,183	2.54	0	14	17	0	21	31
DEF	Defiance	16,458	1.34	0	12	10	0	13	22
DEL	Delaware	18,962	1.74	0	12	21	0	14	33
TUS	Dover	11,844	1.18	0	7	7	0	11	14
COL	East Liverpool	13,151	2.05	0	14	13	0	20	27
LAK	Eastlake	20,976	1.33	0	14	14	0	17	28
MOT	Englewood	11,870	1.01	0	4	8	0	8	12
HAM	Forest Park	19,442	2.06	0	16	24	0	32	40
SEN	Fostoria	14,379	1.46	0	14	7	0	21	21
WAR	Franklin	11,664	2.40	1	14	13	1	16	28
SAN	Fremont	17,010	2.12	1	15	20	1	23	36
CRA	Galion	11,396	1.14	1	6	6	1	8	13
TRU	Girard	10,872	1.56	0	12	5	0	23	17
SUM	Green	21,975	2.23	2	26	21	2	34	49
DAR	Greenville	13,099	1.37	0	10	8	0	14	18
FRA	Grove City	18,938	1.06	0	7	13	0	11	20
FRA	Hilliard	19,934	1.35	0	12	15	0	14	27
SUM	Hudson	21,226	1.08	0	8	15	0	12	23
LAW	Ironton	12,724	2.83	0	15	21	0	28	36
ATB	Lakeville	12,836	0.00	0	0	0	0	0	0

**TABLE 8.02**  
**ALCOHOL CRASHES BY CITY**  
**Continued**

City Population: 10,000 to 24,999									
County Code	City Name	Population	Crash Rate	Fatal Crashes	Injury Crashes	PDO Crashes	Deaths	Injuries	Total Crashes
WAR	Lebanon	13,802	1.67	0	9	14	0	12	23
HAM	Loveland	11,780	0.93	0	4	7	0	4	11
CUY	Lyndhurst	15,109	1.06	0	8	8	0	12	16
WAS	Marietta	14,857	1.62	0	9	15	0	18	24
UNI	Marysville	13,010	0.85	1	3	7	1	7	11
WAR	Mason	18,850	1.27	0	15	9	0	22	24
LUC	Maumee	14,955	1.54	0	8	15	0	12	23
CUY	Mayfield Heights	18,519	1.30	0	7	17	0	8	24
MED	Medina	22,928	0.52	0	3	9	0	4	12
MOT	Miamisburg	18,304	3.06	0	18	38	0	25	56
CUY	Middleburg Heights	14,877	2.55	0	21	17	0	29	38
KNO	Mount Vernon	14,973	1.67	0	8	17	0	16	25
TUS	New Philadelphia	16,615	1.44	0	18	6	0	29	24
TRU	Niles	20,593	1.31	0	22	5	0	34	27
STA	North Canton	15,601	0.90	0	7	7	0	7	14
HAM	North College Hill	10,363	0.87	0	3	6	0	3	9
LOR	North Ridgeville	23,411	2.01	1	16	30	1	22	47
SUM	Norton	12,077	3.23	0	19	20	0	21	39
HUR	Norwalk	15,694	0.83	0	3	10	0	3	13
HAM	Norwood	21,450	2.42	0	12	40	0	18	52
LUC	Oregon	19,136	1.93	0	18	19	0	27	37
BUT	Oxford	18,789	1.22	0	7	16	0	14	23
LAK	Painesville	15,896	2.01	0	15	17	0	18	32
CUY	Parma Heights	20,624	1.21	0	9	16	0	18	25
WOO	Perrysburg	14,411	1.11	0	7	9	0	13	16
MIA	Piqua	19,810	2.32	0	19	27	0	30	46
SCI	Portsmouth	22,213	3.29	1	31	41	1	41	73
POR	Ravenna	11,961	2.01	0	7	17	0	10	24
HAM	Reading	11,488	1.65	0	14	5	0	28	19
CUY	Riveredge Township	16,897	1.01	0	6	11	0	9	17
CUY	Rocky River	19,506	1.54	0	13	17	0	20	30
COL	Salem	11,894	0.59	0	4	3	0	7	7
CUY	Seven Hills	12,276	0.49	0	2	4	0	4	6
HAM	Sharonville	13,870	3.10	0	18	25	0	35	43
SHE	Sidney	19,197	2.34	0	27	18	0	45	45
CUY	Solon	20,017	1.50	0	17	13	0	20	30
CUY	South Euclid	22,355	0.76	0	7	10	0	9	17
WAR	Springboro	10,520	1.52	1	10	5	1	23	16
HAM	Springdale	10,081	3.37	0	13	21	0	16	34
JEF	Steubenville	20,224	1.19	0	13	11	0	18	24
POR	Streetsboro	11,996	2.58	0	15	16	0	21	31
MAH	Struthers	12,342	1.70	0	7	14	0	7	21
LUC	Sylvania	17,664	0.96	0	11	6	0	18	17
SUM	Tallmadge	16,054	1.93	1	13	17	1	16	31
SEN	Tiffin	18,007	2.44	1	12	31	1	13	44
MIA	Troy	21,672	1.25	0	6	21	0	7	27
SUM	Twinsburg	15,179	0.86	0	4	9	0	5	13
CUY	University Heights	13,409	0.60	0	3	5	0	3	8
CHP	Urbana	11,142	1.88	0	3	18	0	4	21

**TABLE 8.02  
ALCOHOL CRASHES BY CITY  
Continued**

<b>City Population: 10,000 to 24,999</b>									
County Code	City Name	Population	Crash Rate	Fatal Crashes	Injury Crashes	PDO Crashes	Deaths	Injuries	Total Crashes
VAN	Van Wert	10,608	1.51	0	9	7	0	11	16
MOT	Vandalia	14,021	1.85	0	12	14	0	17	26
LOR	Vermilion	11,344	0.79	0	6	3	0	7	9
MED	Wadsworth	17,567	0.74	0	7	6	0	9	13
CUY	Warrensville Heights	14,822	1.82	0	15	12	0	29	27
FAY	Washington	13,283	1.51	0	9	11	0	12	20
MOT	West Carrollton	13,709	2.04	0	12	16	0	14	28
FRA	Whitehall	19,237	1.98	0	24	14	0	34	38
LAK	Wickliffe	13,953	1.22	0	11	6	0	17	17
LAK	Willoughby	21,494	1.63	1	17	17	1	22	35
LAK	Willowick	14,448	1.18	0	6	11	0	6	17
CLI	Wilmington	11,866	1.35	0	5	11	0	14	16
WAY	Wooster	23,609	0.97	1	10	12	2	16	23
FRA	Worthington	14,103	1.28	0	6	12	0	7	18
GRE	Xenia	24,994	1.08	0	12	15	0	19	27
<b>City Population: 5,000 to 9,999</b>									
County Code	City Name	Population	Crash Rate	Fatal Crashes	Injury Crashes	PDO Crashes	Deaths	Injuries	Total Crashes
HAR	Ada	5,524	1.45	0	3	5	0	6	8
BEL	Bellaire	5,603	1.61	0	2	7	0	3	9
GRE	Bellbrook	7,033	0.43	0	1	2	0	1	3
HUR	Bellevue	8,051	1.24	0	4	6	0	9	10
WAS	Belpre	7,016	1.00	0	3	4	0	3	7
WIL	Bryan	8,510	1.06	0	6	3	0	10	9
MAH	Campbell	9,246	0.43	0	2	2	0	6	4
MAH	Canfield	5,459	0.37	0	1	1	0	3	2
WAR	Carlisle	5,057	0.00	0	0	0	0	0	0
GEA	Chardon	5,010	0.20	0	1	0	0	1	1
HAM	Cheviot	8,863	1.81	0	7	9	0	10	16
SAN	Clyde	5,990	1.17	0	3	4	0	3	7
COL	Columbiana	6,868	0.44	0	2	1	0	2	3
TRU	Cortland	6,396	0.78	0	3	2	0	7	5
HAM	Deer Park	5,675	1.76	1	4	5	1	5	10
ALL	Delphos	6,800	0.74	0	1	4	0	1	5
COL	East Palestine	5,255	0.57	0	3	0	0	4	3
PRE	Eaton	7,827	1.66	0	6	7	0	8	13
SUM	Fairlawn	6,327	1.74	1	4	6	1	9	11
GAL	Gallipolis	5,045	1.98	0	7	3	0	11	10
ATB	Geneva	6,883	1.45	0	4	6	0	4	10
FRA	Grandview Heights	6,559	1.68	0	5	6	0	5	11
HIG	Greenfield	5,586	2.51	0	7	7	0	13	14
HAM	Harrison	9,566	1.25	0	6	6	0	8	12
LIC	Heath	8,332	1.68	0	7	7	0	10	14
CUY	Highland Heights	7,144	1.54	0	4	7	0	5	11
HIG	Hillsboro	7,350	2.86	0	6	15	0	12	21
TRU	Hubbard	8,078	0.99	0	3	5	0	3	8
ERI	Huron	7,279	0.82	0	2	4	0	3	6
CUY	Independence	6,690	4.63	1	17	13	1	24	31
HAM	Indian Hill	5,355	1.31	0	3	4	0	3	7

**TABLE 8.02  
ALCOHOL CRASHES BY CITY  
Continued**

City Population: 5,000 to 9,999									
County Code	City Name	Population	Crash Rate	Fatal Crashes	Injury Crashes	PDO Crashes	Deaths	Injuries	Total Crashes
JAC	Jackson	5,999	1.83	0	3	8	0	8	11
HAR	Kenton	8,345	0.84	0	3	4	0	7	7
LAK	Kirtland	6,538	2.14	0	6	8	0	12	14
HOC	Logan	7,604	1.97	0	4	11	0	7	15
MAD	London	8,507	0.94	0	2	6	0	2	8
STA	Louisville	8,381	1.07	0	4	5	0	5	9
SUM	Macedonia	9,191	2.83	0	15	11	0	36	26
HAM	Madeira	8,754	0.34	0	1	2	0	1	3
BEL	Martins Ferry	7,447	2.69	0	3	17	0	6	20
LAK	Mentor-on-the-Lake	8,509	1.06	0	4	5	0	4	9
CLE	Milford	5,978	1.34	0	1	7	0	1	8
BUT	Monroe	6,270	3.19	0	10	10	0	13	20
HAM	Montgomery	9,645	2.59	1	8	16	1	12	25
MOT	Moraine	7,568	4.23	1	15	16	1	29	32
HAM	Mount Healthy	7,028	1.99	1	1	12	1	3	14
SUM	Munroe Falls	5,466	1.83	0	4	6	0	6	10
HEN	Napoleon	9,189	0.33	0	2	1	0	3	3
CLA	New Carlisle	6,157	1.14	0	2	5	0	3	7
PER	New Lexington	5,391	2.41	0	3	10	0	6	13
WOO	Northwood	5,915	1.52	1	3	5	2	3	9
MOT	Oakwood	8,343	1.08	0	3	6	0	3	9
LOR	Oberlin	7,787	0.13	0	1	0	0	3	1
CUY	Olmsted Falls	7,334	1.50	0	4	7	0	7	11
WAY	Orrville	8,227	0.85	0	2	5	0	4	7
CUY	Pepper Pike	6,105	1.80	1	7	3	2	14	11
FAI	Pickerington	8,927	1.34	1	4	7	1	5	12
OTT	Port Clinton	7,123	0.84	0	1	5	0	4	6
CUY	Richmond Heights	9,520	1.47	0	4	10	0	5	14
WAY	Rittman	6,568	0.30	0	1	1	0	3	2
WOO	Rossford	6,015	2.16	0	7	6	0	9	13
BEL	Saint Clairsville	5,196	0.96	0	2	3	0	4	5
AUG	Saint Marys	8,373	1.79	0	9	6	0	16	15
LOR	Sheffield Lake	9,915	0.71	0	4	3	0	4	7
RIC	Shelby	9,449	0.63	0	1	5	0	1	6
HAM	Silverton	5,598	1.43	0	7	1	0	9	8
MIA	Tipp City	6,308	0.95	0	4	2	0	7	6
JEF	Toronto	5,662	1.06	0	3	3	0	3	6
BUT	Trenton	7,712	1.69	0	5	8	0	6	13
TUS	Uhrichsville	5,662	1.06	0	3	3	0	8	6
MOT	Union	5,946	0.17	0	0	1	0	0	1
WYA	Upper Sandusky	5,992	0.67	0	2	2	0	3	4
AUG	Wapakoneta	9,317	0.64	0	1	5	0	1	6
FUL	Wauseon	6,944	0.58	0	0	4	0	0	4
JAC	Wellston	7,326	1.64	0	1	11	0	1	12
HUR	Willard	6,652	0.90	0	1	5	0	1	6
LAK	Willoughby Hills	8,832	1.92	0	7	10	0	10	17
HAM	Wyoming	7,425	0.54	0	2	2	0	4	4