

Part II - Collision Characteristics

There are many characteristics associated with traffic collisions. Patterns in these characteristics can provide insight into the cause of collisions and may ultimately lead to effective countermeasures for reducing the number of collisions that occur and minimizing the severity of those that will still occur. The data provided on the following pages may raise interesting questions for those interested in highway safety. These questions may in turn lead to research, which addresses a particular collision characteristic. Here are some examples of traffic collision characteristics for 2000:

A. Driver

- ◆ Male drivers between the ages of 20 and 24 continue to be over represented in fatal collisions.
- ◆ Nearly two thirds of all drivers involved in traffic collisions were not charged with any violation.
- ◆ The leading traffic violation in 2000 was “Speeding less than 10 miles over the limit”.

B. Time

- ◆ More than 60% of fatal collisions occurred between the hours of 3:01 p.m. and 3:00 a.m.
- ◆ The months of March and June had the most fatal collisions (91), March the most traffic fatalities (105) in 2000.
- ◆ More traffic deaths occurred on the three weekend days (Friday, Saturday, Sunday) than on the four week days (Monday, Tuesday, Wednesday, Thursday).

C. Location

- ◆ More fatal collisions and deaths occurred on state secondary routes than on any other route category.
- ◆ One out of 13 traffic collisions occurred on the interstate. Nearly 1 out of 8 *fatal* collisions occurred on interstates.

D. Environment

- ◆ Over 5/6 of all traffic collisions occurred during clear or cloudy weather conditions.
- ◆ More than 4/5 of all collisions occurred on a dry road surface.

E. Vehicles

- ◆ Automobiles made up over two thirds of all units involved in traffic collisions during 2000.
- ◆ A total of 5.4% of the traffic collisions involving railway trains, 8.7% involving pedestrians, 5.1% involving motorcycles, 3.0% involving bicycles, 0.7% involving mopeds and 2.2% involving truck tractors resulted in fatalities.

A. The Driver

Numerous decisions are required of drivers in the operation of a motor vehicle. All too often, poor judgement, inattention, carelessness or even deliberate intent on the part of a driver results in a dangerous driving decision, which leads to a traffic collision. The probable cause in over 88% of all reported traffic crashes was driver-related in 2000. Often, the officer investigating the collision will issue a citation to one or more of the drivers involved. Driver violations charged to drivers involved in traffic collisions reported during 2000 are as follows:

<u>Violation</u>	<u>Amount</u>	<u>%</u>
1. Speeding < 10 MPH Over Speed Limit	21,270	32.2
2. Failure to Yield Right of Way	14,474	21.9
3. Driving Under the Influence	4,252	6.5
4. Disregarded Sign or Signal	3,316	5.0
5. Following Too Closely	3,076	4.7
6. Changing Lanes Unlawfully	2,236	3.4
7. Driver's License Violation	2,233	3.4
8. Improper Turning	1,499	2.3
9. Driving Under Suspension	1,145	1.7
<u>10. Other Moving Violations</u>	<u>12,466</u>	<u>18.9</u>
Total	65,967	100.0

Another group of driver violations that contributed to traffic collisions in 2000 was non-compliance with driver's license restrictions. Restrictions not complied with by drivers involved in traffic collisions in 2000 are as follows (A citation was not necessarily issued for these, but the non-compliance did contribute to the collision occurrence):

<u>Restriction</u>	<u>Amount</u>	<u>%</u>
1. Corrective Lenses	308	27.9
2. Previous DUI	111	10.0
3. Special Restricted	111	10.0
4. Not to Exceed 50 MPH	68	6.2
<u>5. All Other Violations</u>	<u>506</u>	<u>45.9</u>
Total	1,104	100.0

Enumerated on the following pages are the numbers of licensed drivers by age and sex and the number of drivers involved in collisions by age and sex. Based on the figures indicated in these tables, nearly one out of every 7 (15.0%) of all licensed male drivers between the ages of 15 and 24 years of age was involved in a traffic collision in 2000. About 1 in 9 (11.7%) of the female drivers the same age were involved in collisions. For the entire licensed population, approximately one out of every 15 drivers was involved in a collision during the year. One out of every 918 males age 15 to 24 was involved in a fatal collision.

LICENSED DRIVERS BY AGE AND SEX*

AGE	MALE	%	FEMALE	%	TOTAL	%
14**	43	0.0	3	0.0	46	0.0
15	3,224	12.2	2,686	0.1	5,910	0.2
16	12,356	0.4	11,044	0.4	23,400	0.8
17	17,822	0.6	16,239	0.6	34,061	1.2
18	21,188	0.7	20,290	0.7	41,478	1.5
19	22,704	0.8	22,650	0.8	45,354	1.6
20	23,753	0.8	24,130	0.8	47,883	1.7
21	23,956	0.8	24,572	0.9	48,528	1.7
22	24,352	0.9	25,052	0.9	49,404	1.7
23	25,024	0.9	26,416	0.9	51,440	1.8
24	25,019	0.9	26,545	0.9	51,564	1.8
25-29	130,985	4.6	137,406	4.8	268,391	9.4
30-34	137,365	4.8	145,224	5.1	282,589	9.9
35-39	143,518	5.0	154,253	5.4	297,771	10.4
40-44	141,774	5.0	154,035	5.4	295,809	10.4
45-49	133,036	4.7	145,507	5.1	278,543	9.8
50-54	125,766	4.4	134,641	4.7	260,407	9.1
55-59	98,113	3.4	102,352	3.6	200,465	7.0
60-64	77,109	2.7	80,867	2.8	157,976	5.5
65-69	65,483	2.3	68,691	2.4	134,174	4.7
70-74	53,525	1.9	57,519	2.0	111,044	3.9
75-79	40,639	1.4	46,550	1.6	87,189	3.1
80-84	23,330	0.8	27,016	0.9	50,346	1.8
85 & Over	12,001	0.4	14,421	0.5	26,422	0.9
TOTAL	1,382,085	48.5	1,468,109	51.5	2,850,194	100.0

AGE AND SEX OF DRIVERS INVOLVED IN REPORTED TRAFFIC COLLISIONS**

TOTAL COLLISION DRIVERS			
AGE	MALE	FEMALE	TOTAL
<=14	139	74	213
15	789	696	1,485
16	2,656	2,136	4,792
17	3,543	2,762	6,305
18	3,823	2,773	6,596
19	3,763	2,738	6,501
20	3,430	2,622	6,052
21	3,304	2,454	5,758
22	3,058	2,244	5,302
23	2,816	2,249	5,065
24	2,523	1,934	4,457
25 to 29	12,008	9,266	21,274
30 to 34	10,809	8,544	19,353
35 to 39	10,569	8,475	19,044
40 to 44	9,299	7,366	16,665
45 to 49	8,013	5,947	13,960
50 to 54	7,071	4,927	11,998
55 to 59	5,088	3,422	8,510
60 to 64	3,780	2,378	6,158
65 to 69	3,055	1,919	4,974
70 to 74	2,483	1,660	4,143
75 to 79	1,826	1,344	3,170
80 to 84	974	748	1,722
85 & Older	436	315	751
UNKNOWN AGE*	881	208	1,089
UNKNOWN SEX*	-	-	7,215
TOTALS	106,136	79,201	192,552

FATAL COLLISION DRIVERS			
AGE	MALE	FEMALE	TOTAL
<=14	2	0	2
15	5	2	7
16	13	8	21
17	22	11	33
18	23	8	31
19	18	12	30
20	29	9	38
21	32	11	43
22	24	7	31
23	27	12	39
24	24	10	34
25 to 29	131	47	178
30 to 34	114	41	155
35 to 39	87	37	124
40 to 44	99	42	141
45 to 49	82	20	102
50 to 54	68	30	98
55 to 59	47	13	60
60 to 64	50	15	65
65 to 69	31	17	48
70 to 74	28	12	40
75 to 79	20	12	32
80 to 84	13	6	19
85 & Older	11	7	18
UNKNOWN AGE*	6	0	6
UNKNOWN SEX*	-	-	55
TOTALS	1,006	389	1,450

INJURY COLLISION DRIVERS			
AGE	MALE	FEMALE	TOTAL
<=14	56	16	72
15	231	219	450
16	799	689	1,488
17	1,049	864	1,913
18	1,190	938	2,128
19	1,116	890	2,006
20	1,072	855	1,927
21	1,015	864	1,879
22	946	743	1,689
23	859	759	1,618
24	743	627	1,370
25 to 29	3,680	3,024	6,704
30 to 34	3,324	2,879	6,203
35 to 39	3,151	2,806	5,957
40 to 44	2,810	2,364	5,174
45 to 49	2,374	1,975	4,349
50 to 54	2,099	1,562	3,661
55 to 59	1,501	1,099	2,600
60 to 64	1,104	756	1,860
65 to 69	884	642	1,526
70 to 74	751	545	1,296
75 to 79	527	427	954
80 to 84	278	271	549
85 & Older	140	107	247
UNKNOWN AGE*	265	56	321
UNKNOWN SEX*	-	-	1,538
TOTALS	31,964	25,977	59,479

PROPERTY DAMAGE ONLY COLLISION DRIVERS			
AGE	MALE	FEMALE	TOTAL
<=14	81	58	139
15	553	475	1,028
16	1,844	1,439	3,283
17	2,472	1,887	4,359
18	2,610	1,827	4,437
19	2,629	1,836	4,465
20	2,329	1,758	4,087
21	2,257	1,579	3,836
22	2,088	1,494	3,582
23	1,930	1,478	3,408
24	1,756	1,297	3,053
25 to 29	8,197	6,195	14,392
30 to 34	7,371	5,624	12,995
35 to 39	7,331	5,632	12,963
40 to 44	6,390	4,960	11,350
45 to 49	5,557	3,952	9,509
50 to 54	4,904	3,335	8,239
55 to 59	3,540	2,310	5,850
60 to 64	2,626	1,607	4,233
65 to 69	2,140	1,260	3,400
70 to 74	1,704	1,103	2,807
75 to 79	1,279	905	2,184
80 to 84	683	471	1,154
85 & Older	285	201	486
UNKNOWN AGE*	610	152	762
UNKNOWN SEX*	-	-	5,622
TOTALS	73,166	52,835	131,623

* Includes drivers whose sex age were not recorded on the report, hit and run collisions for which driver information was not available and parked cars with no driver.

** These figures only represent drivers of units defined as a motor vehicle.

DRIVER INTENTIONS IN ALL REPORTED TRAFFIC COLLISIONS

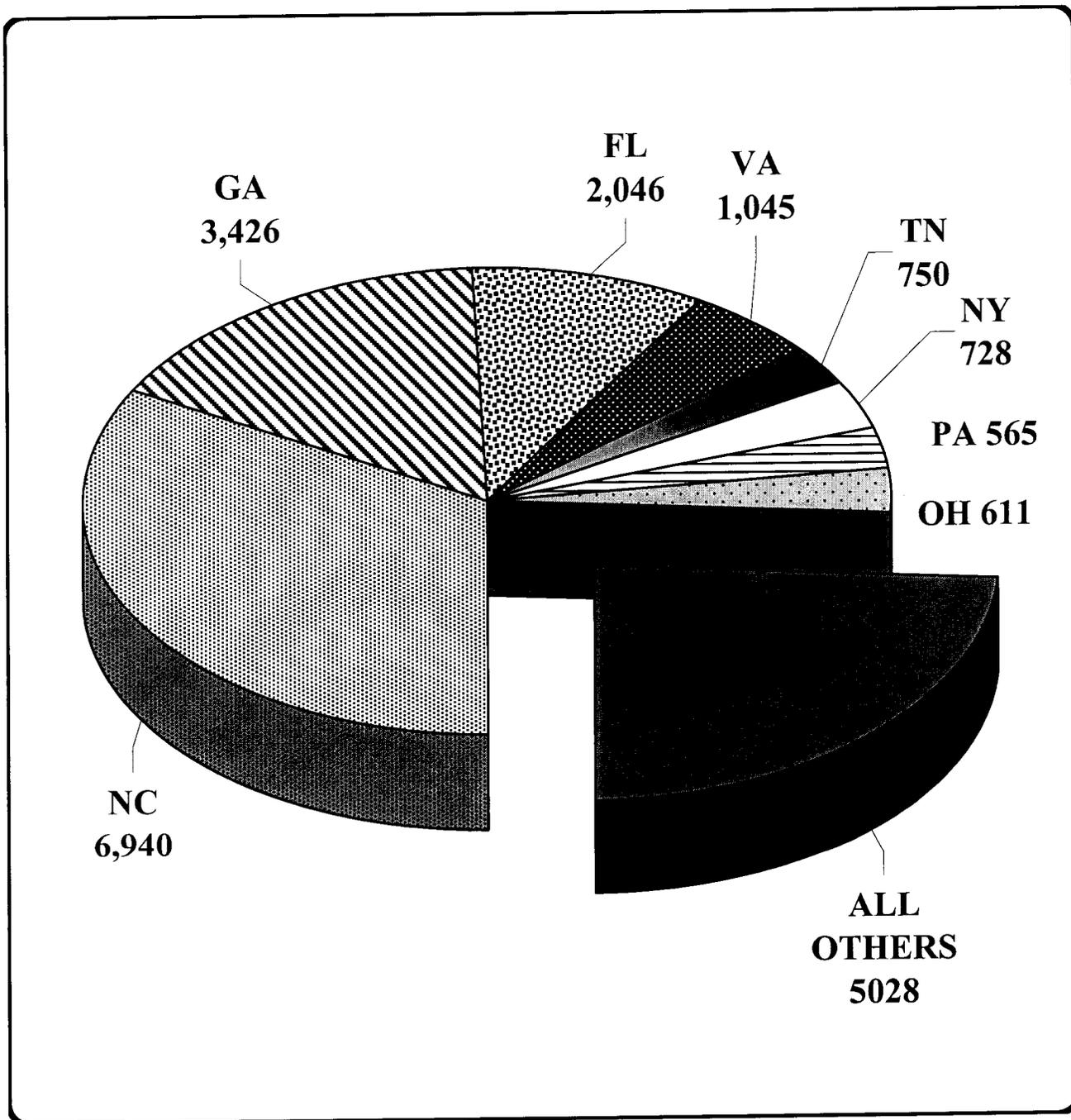
DRIVER INTENTION	NUMBER	%
No External Cause of Maneuver	5,546	2.9
Traffic Signal	3,577	1.9
Stop Sign	2,396	1.2
Yield Sign	514	0.3
Uncontrolled Intersection	144	0.1
Crosswalk, Not at Intersection	12	0.0
Police Officer, School Crossing Guard , Etc.	80	0.0
Railroad Crossing	64	0.0
Railroad Crossing, Flasher or Gate	77	0.0
Other Control	163	0.1
TRAFFIC UNIT MANEUVERING FOR TRAFFIC CONTROLS, INTERSECTIONS OR RAILROAD CROSSINGS SUBTOTAL	12,573	6.5%
Pedestrian	96	0.0
Pedalcycle	45	0.0
Other Road Vehicle, (Except Pedalcycle)	152	0.1
Other Vehicle	901	0.5
Animal	420	0.2
Foreign Object in Roadway	130	0.1
Water, Ice, Snow or Hazardous Substance in Road	139	0.1
Road Defect	8	0.0
Road Maintenance or Construction Work	44	0.0
Fixed Object or Structure	23	0.0
Fog, Smoke or Dust	87	0.0
Previous Accident	113	0.1
Other Events	141	0.1
Curve in Roadway	105	0.1
Restriction in Roadway Width	4	0.0
Change in Roadway Alignment	6	0.0
Shoulder	45	0.0
Loose Gravel in Roadway	9	0.0
Unknown Object, Event, or Feature	634	0.3
TRAFFIC UNIT MANEUVERING OR AVOIDING SOMETHING IN ROADWAY SUBTOTAL	3,102	1.6%
Tire Failure	71	0.0
Steering Gear Failure	110	0.1
Engine Failure	117	0.1
Windshield Wiper Failure	168	0.1
Load Spilled or Dropped	49	0.0
Involved in Previous Accident	74	0.0
Other Failure	224	0.1
TRAFFIC UNIT MANEUVERING BECAUSE OF MECHANICAL FAILURE SUBTOTAL	813	0.4%
Moving Straight Ahead in Proper Direction	105,343	54.7
Merge with Traffic on Left	812	0.4
Merge with Traffic on Right	738	0.4
Left Turn	21,234	11.0
Right Turn	5,402	2.8
U Turn	468	0.2

DRIVER INTENTIONS IN ALL REPORTED TRAFFIC COLLISIONS

DRIVER INTENTION (CONTINUED)	NUMBER	%
Enter Roadway from Entrance Ramp on Left	134	0.1
Enter Roadway from Entrance Ramp on Right	404	0.2
Enter Roadway from Shoulder on Left	234	0.1
Enter Roadway from Shoulder on Right	704	0.4
Enter Roadway from Parking at Left Curb	71	0.0
Enter Roadway from Parking at Right Curb	281	0.1
Leave Roadway to Exit Ramp on Left	24	0.0
Leave Roadway to Exit Ramp on Right	114	0.1
Leave Roadway to Shoulder on Left	121	0.1
Leave Roadway to Shoulder on Right	192	0.1
Leave Roadway to Parking at Left Curb	30	0.0
Leave Roadway to Parking at Right Curb	49	0.0
Leave Roadway to Driveway on Left	299	0.2
Leave Roadway to Driveway on Right	247	0.1
Board or Discharge Passenger(s)	116	0.1
Backing	2,238	1.2
TRAFFIC UNIT MANEUVERING FOR OWN INTENDED MOVEMENT SUBTOTAL	139,255	72.3%
Overtaking Subject Unit on Left	1,124	0.6
Overtaking Subject Unit on Right	515	0.3
Changing Lanes to Left	1,670	0.9
Changing Lanes to Right	1,616	0.8
Merging from Left	120	0.1
Merging from Right	223	0.1
On Right Side of Roadway	134	0.1
In Wrong Direction on One Way Roadway	93	0.0
Swerving to Left	723	0.4
Swerving to Right	655	0.3
Slowing or Stopping	10,541	5.5
Stopped in Traffic	16,777	8.7
Stopped to Board or Discharge Passenger(s)	190	0.1
Skidding, Spinning, or Yawing	794	0.4
Jack Knifing	14	0.0
Turning Left from Same Direction	281	0.1
Turning Left from Opposite Direction	601	0.3
Making U Turn	92	0.0
Turning Right from Same Direction	186	0.1
Turning Right from Opposite Direction	68	0.0
Entering Roadway from Ramp on Left	13	0.0
Entering Roadway from Ramp on Right	134	0.1
Entering Roadway from Roadway on Left	245	0.1
TRAFFIC UNIT MANEUVERING AROUND OTHER TRAFFIC UNITS SUBTOTAL	36,809	19.1%
TOTAL UNITS	192,552	100.0

There are a total of eighty-one (81) categories of Driver Intentions that can be assigned to a driver involved in a traffic collision in South Carolina . In 2000, the top five categories accounted for over 4/5 of all drivers involved in traffic collisions during the year. These include: " Moving Straight Ahead in Proper Direction" with 105,343 or 54.7% of the total; followed by "Left Turn" with 21,234 (11.0 %); "Stopped in Traffic", 16,777 (8.7%); "Slowing or Stopping" 10,541 (5.5%); and "No External Cause of Maneuver" with 5,546 (2.9%). These figures only represent units defined as a motor vehicle.

OUT OF STATE DRIVERS INVOLVED IN TRAFFIC COLLISIONS*



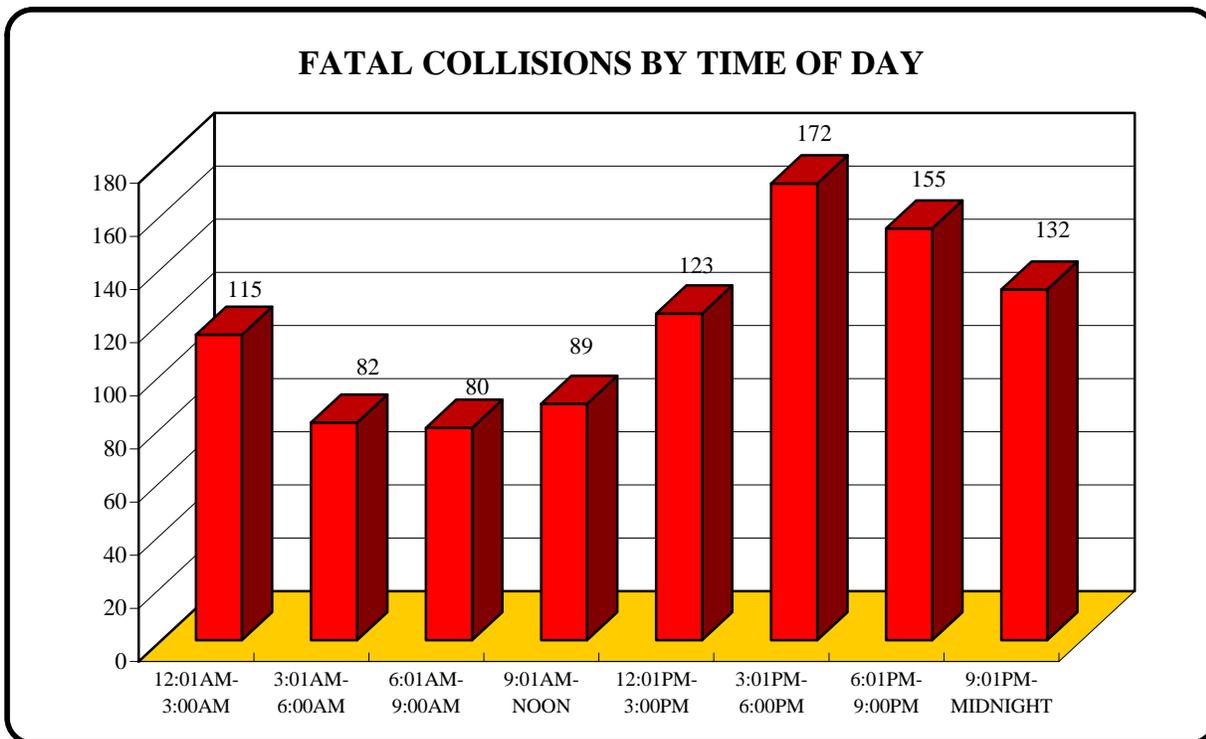
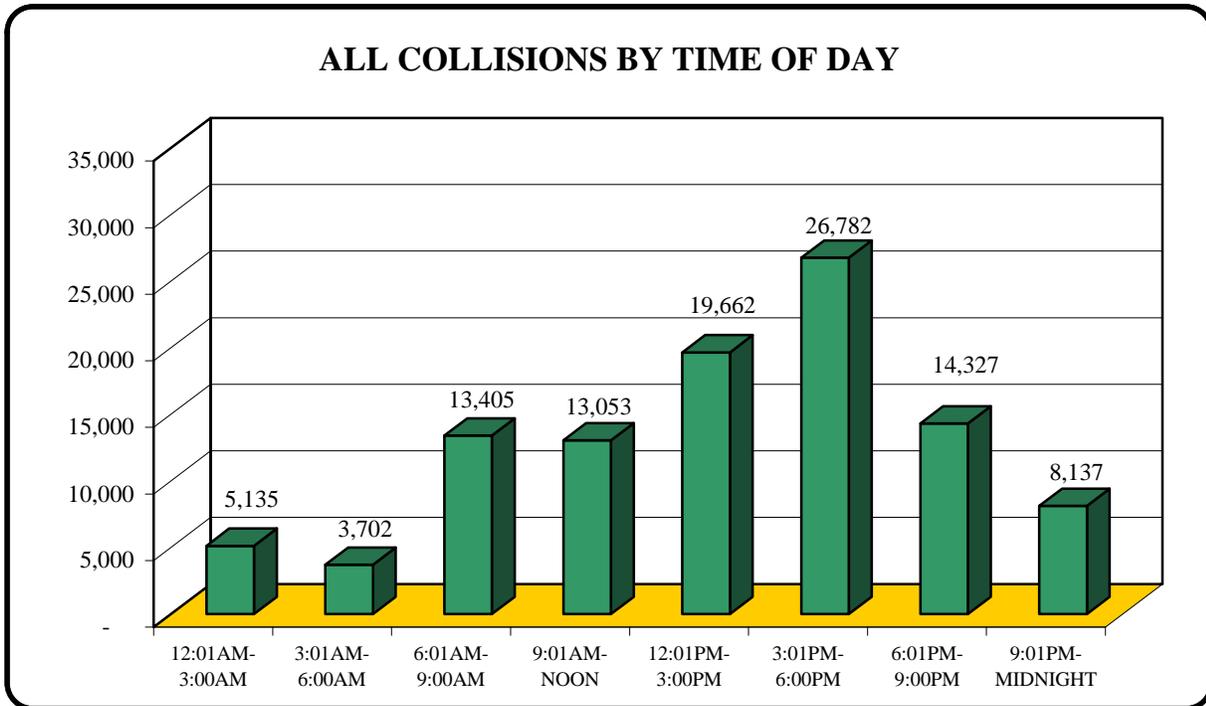
SOUTH CAROLINA DRIVERS TOTALED 160,666

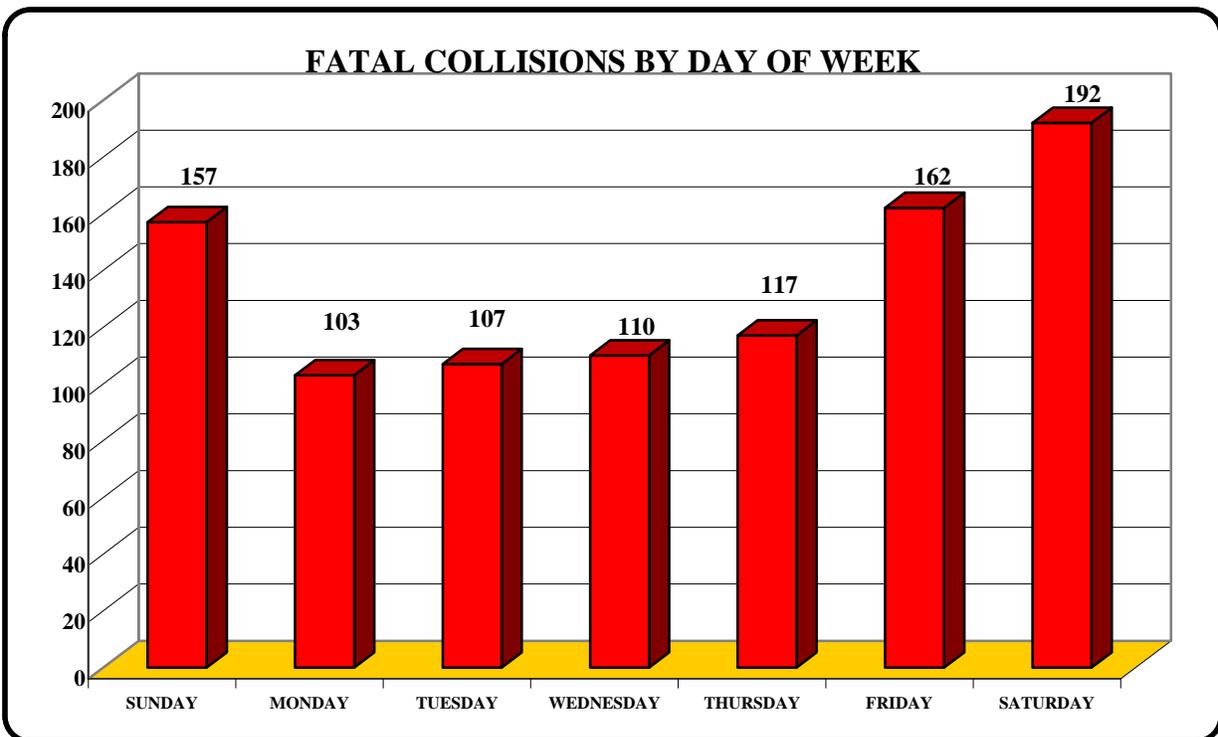
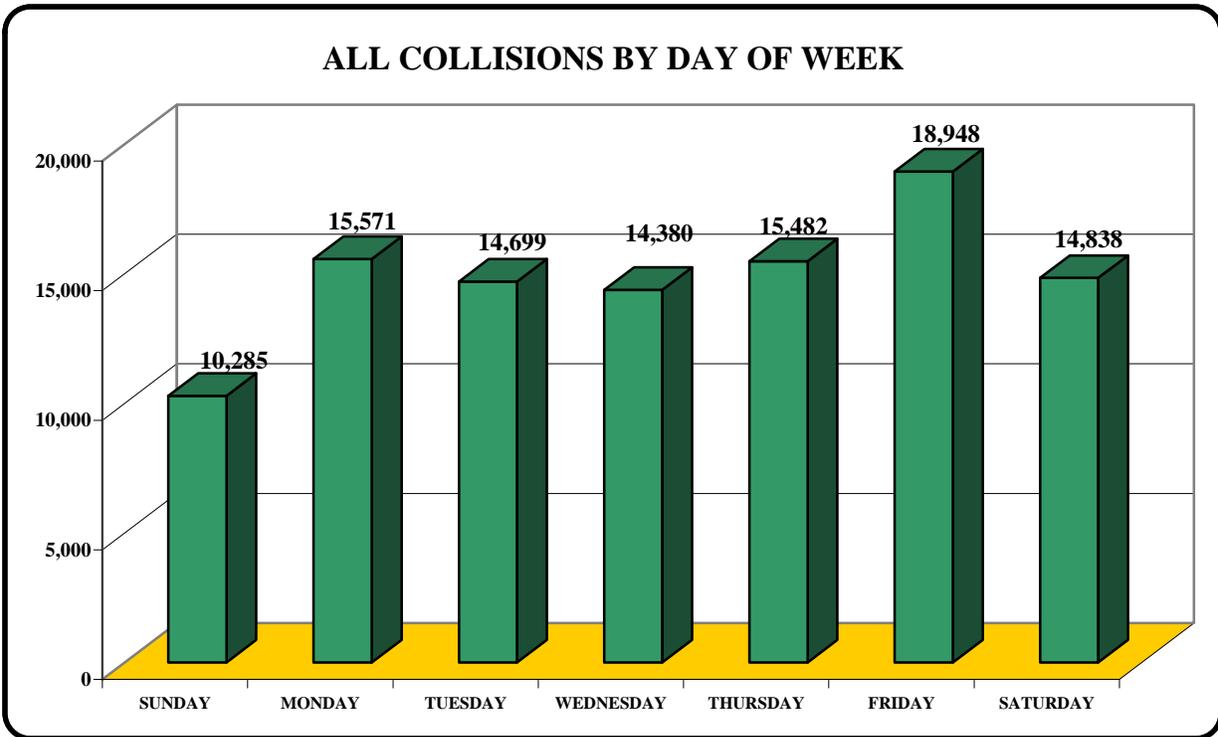
* Figures only represent drivers of any motor vehicle requiring a valid driver's license

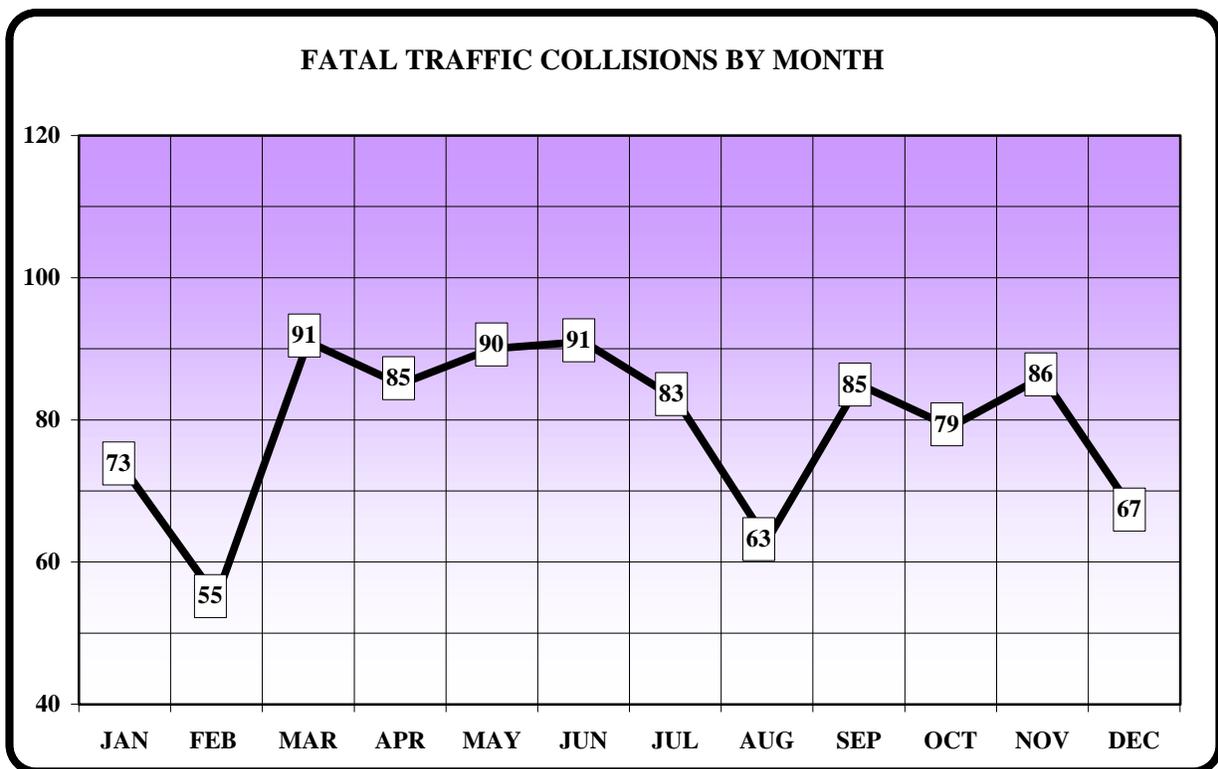
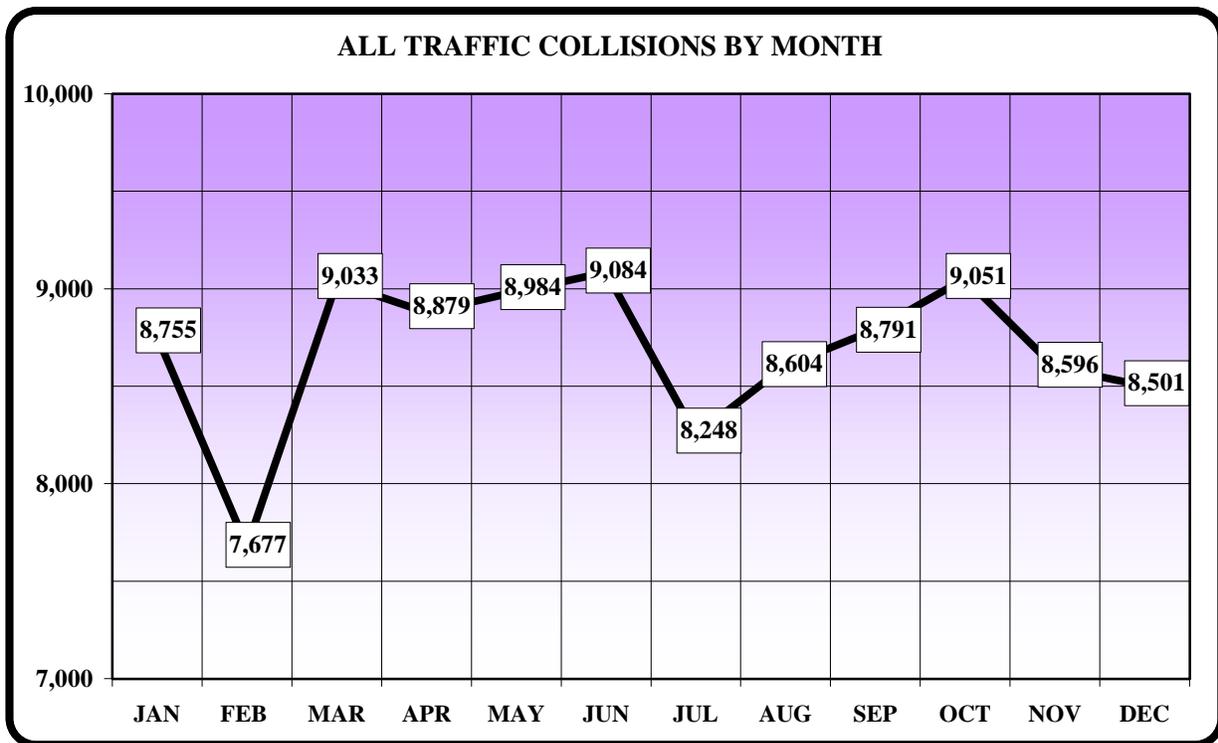
B. Time

The frequency of traffic collisions is affected by the settings of the clock and calendar. The concentration of traffic, for example, is heavier at certain times of the day, days of the week and month. Travel is also affected by holidays and by special events such as football games. In addition to travel, driver attitudes, vision and behavior are influenced by time factors. In addition, weather may be influenced by time of year. On the following pages, statistics are presented which indicate observable time variables. Some of the important observations in the 2000 data are as follows.

- ◆ More traffic deaths occurred on the three weekend days (Friday, Saturday, Sunday - 527). Than on the four weekdays (Monday, Tuesday, Wednesday, Thursday - 537).
- ◆ Property Damage Only collisions are much more likely to occur during daylight hours. More than 70% of the collisions that have no injuries or fatalities occurred between 6:01am and 6:00pm.
- ◆ In contrast to the Property Damage Only collisions, fatal collisions occurred more frequently in the nighttime hours between 6:01pm and 6:00am. Approximately 49% of all fatal collisions occurred during this twelve-hour period.
- ◆ More traffic crashes were reported on Friday than any other day of the week with 18,948 collisions during 2000, accounting for more than 18.0% of the total. No other day of the week experienced as many as 16,000 collisions. The fewest traffic collisions was reported on Sundays with 10,285 or 9.9%.
- ◆ As in past years, more fatal collisions were reported on Saturday (192) than any other day. This accounted for about 20.0% of all fatal collisions and each resulted in the deaths of 213 persons. The fewest number of fatal collisions occurred on Monday with 103, resulting in 122 fatalities. This represents the third year in a row that all seven days of the week experienced at least 100 fatal collisions.
- ◆ June was the leading month for all collisions in 1999, with 9,084. The leading months for fatal collisions were March and June with 91 collisions each. March had the most fatalities with 105. February had the fewest fatal collisions each with 55. February also had the fewest fatalities with 63.
- ◆ Two out of the six 2000 holiday periods had more traffic fatalities than in 1999. These were the Fourth of July and Memorial Day holidays. Each of these had at least five more fatalities than the previous year.







TRAFFIC COLLISIONS BY TIME OF DAY

TIME OF DAY	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
12:01am-3:00am	115	1,703	3,317	5,135	124	2,652
3:01am-6:00am	82	1,149	2,471	3,702	91	1,636
6:01am-9:00am	80	3,817	9,508	13,405	92	6,063
9:01am-Noon	89	3,940	9,024	13,053	105	6,375
12:01pm-3:00pm	123	6,047	13,492	19,662	140	10,018
3:01pm-6:00pm	172	8,129	18,481	26,782	190	14,117
6:01pm-9:00pm	155	4,697	9,475	14,327	178	8,145
9:01pm-Midnight	132	2,837	5,168	8,137	143	4,715
TOTALS	948	32,319	70,936	104,203	1,063	53,721

*Property Damage Only

TRAFFIC COLLISIONS BY DAY OF WEEK

DAY OF WEEK	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Sunday	157	3,536	6,592	10,285	178	6,204
Monday	103	4,819	10,649	15,571	122	7,870
Tuesday	107	4,362	10,230	14,699	117	6,977
Wednesday	110	4,331	9,939	14,380	118	7,106
Thursday	117	4,750	10,615	15,482	128	7,781
Friday	162	5,678	13,108	18,948	187	9,414
Saturday	192	4,843	9,803	14,838	213	8,369
TOTALS	948	32,319	70,936	104,203	1,063	53,721

*Property Damage Only

TRAFFIC COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	73	2,529	6,153	8,755	78	4,119
February	55	2,371	5,251	7,677	63	3,944
March	91	2,903	6,039	9,033	105	4,747
April	85	2,845	5,949	8,879	94	4,734
May	90	2,977	5,917	8,984	98	5,055
June	91	2,897	6,096	9,084	99	4,852
July	83	2,661	5,504	8,248	100	4,482
August	63	2,699	5,842	8,604	71	4,475
September	85	2,774	5,932	8,791	97	4,643
October	79	2,736	6,236	9,051	89	4,636
November	86	2,511	5,999	8,596	95	4,127
December	67	2,416	6,018	8,501	74	3,907
TOTALS	948	32,319	70,936	104,203	1,063	53,721

*Property Damage Only

PERSONS KILLED AND FATAL COLLISIONS FOR SELECTED HOLIDAY PERIODS 1991-2000

Holiday & Years	Time Beginning	Days & Dates	Hours	Actual Holiday	Persons Killed	Fatal Collisions
Memorial Day						
1991	6 p.m.	05/24-05/27	78	Mon	12	9
1992	6 p.m.	05/22-05/25	78	Mon	10	9
1993	6 p.m.	05/28-05/31	78	Mon	10	7
1994	6 p.m.	05/27-05/30	78	Mon	10	9
1995	6 p.m.	05/26-05/29	78	Mon	13	11
1996	6 p.m.	05/24-05/27	78	Mon	6	5
1997	6 p.m.	05/23-05/26	78	Mon	11	11
1998	6 p.m.	05/22-05/25	78	Mon	11	10
1999	6 p.m.	05/28-05/31	78	Mon	10	10
2000	6 p.m.	05/26-5/29	78	Mon	15	13
Fourth of July						
1991	6 p.m.	07/03-07/07	102	Thur	19	17
1992	6 p.m.	07/02-07/05	78	Sat	11	11
1993	6 p.m.	07/02-07/05	78	Sun	6	6
1994	6 p.m.	07/01-07/04	78	Mon	10	10
1995	6 p.m.	06/30-07/04	102	Tue	12	12
1996	6 p.m.	07/03-07/07	102	Thur	15	14
1997	6 p.m.	07/03-07/06	78	Fri	9	8
1998	6 p.m.	07/02-07/05	78	Sat	14	13
1999	6 p.m.	07/02-07/05	78	Sun	20	13
2000	6 p.m.	06/30-07/04	102	Tue	26	25
Labor Day						
1991	6 p.m.	08/30-09/02	78	Mon	7	7
1992	6 p.m.	09/04-09/07	78	Mon	14	11
1993	6 p.m.	09/03-09/06	78	Mon	5	5
1994	6 p.m.	09/02-09/05	78	Mon	10	10
1995	6 p.m.	09/01-09/04	78	Mon	6	6
1996	6 p.m.	08/30-09/02	78	Mon	18	11
1997	6 p.m.	08/29-09/01	78	Mon	15	13
1998	6 p.m.	09/04-09/07	78	Mon	9	8
1999	6 p.m.	09/03-09/06	78	Mon	9	9
2000	6 p.m.	09/03-09/06	78	Mon	9	9

**PERSONS KILLED AND FATAL COLLISIONS
FOR SELECTED HOLIDAY PERIODS 1991-2000**

Holiday & Years	Time Beginning	Days & Dates	Hours	Actual Holiday	Persons Killed	Fatal Collisions
Thanksgiving						
1991	6 p.m.	11/27-12/01	102	Thur	8	8
1992	6 p.m.	11/25-11/29	102	Thur	9	6
1993	6 p.m.	11/24-11/28	102	Thur	10	10
1994	6 p.m.	11/23-11/27	102	Thur	12	10
1995	6 p.m.	11/22-11/26	102	Thur	12	11
1996	6 p.m.	11/27-12/01	102	Thur	12	11
1997	6 p.m.	11/26-11/30	102	Thur	11	10
1998	6 p.m.	11/25-11/29	102	Thur	13	13
1999	6 p.m.	11/24-11/28	102	Thur	14	13
2000	6 p.m.	11/22-11/26	102	Thur	11	9
Christmas						
1991	6 p.m.	12/24-12/25	30	Wed	2	2
1992	6 p.m.	12/24-12/27	78	Fri	17	14
1993	6 p.m.	12/23-12/26	78	Sat	7	7
1994	6 p.m.	12/23-12/26	78	Sun	9	8
1995	6 p.m.	12/22-12/25	78	Mon	4	4
1996	6 p.m.	12/24-12/25	30	Wed	3	3
1997	6 p.m.	12/24-12/28	102	Thur	13	10
1998	6 p.m.	12/24-12/27	78	Fri	8	8
1999	6 p.m.	12/23-12/26	78	Sat	10	7
2000	6 p.m.	12/22-12/25	78	Sun	10	10
New Years						
1991	6 p.m.	12/31/91-01/01/92	30	Wed	1	1
1992	6 p.m.	12/31/92-01/03/93	78	Fri	4	4
1993	6 p.m.	12/30/93-01/02/94	78	Sat	2	2
1994	6 p.m.	12/30/94-01/02/95	78	Sun	5	3
1995	6 p.m.	12/29/95-01/01/96	78	Mon	6	5
1996	6 p.m.	12/31/96-01/01/97	30	Wed	3	3
1997	6 p.m.	12/31/97-01/04/98	102	Thur	14	12
1998	6 p.m.	12/31/98-01/03/99	78	Fri	8	8
1999	6 p.m.	12/30/99-01/02/00	78	Sat	13	13
2000	6 p.m.	12/29/00-01/01/01	78	Mon	13	11

TRAFFIC FATALITY CALENDAR

JANUARY						
SUN	MON	TUE	WED	THU	FRI	SAT
						1
						6
2	3	4	5	6	7	8
2	0	2	1	6	1	3
9	10	11	12	13	14	15
3	2	1	1	6	3	2
16	17	18	19	20	21	22
2	5	1	3	2	0	2
23	24	25	26	27	28	29
3	5	1	1	4	3	4
30	31					
1	2					
Total	11	14	5	6	18	7

Monthly Total 78

FEBRUARY						
SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
		3	0	0	6	4
6	7	8	9	10	11	12
0	0	6	1	2	0	0
13	14	15	16	17	18	19
1	5	1	1	1	4	1
20	21	22	23	24	25	26
2	1	0	3	1	4	4
27	28	29				
4	3	5				
Total	7	9	15	5	4	14

Monthly Total 63

MARCH						
SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
			1	2	3	9
5	6	7	8	9	10	11
10	2	0	2	2	6	4
12	13	14	15	16	17	18
1	0	2	3	3	7	3
19	20	21	22	23	24	25
3	3	1	3	1	3	5
26	27	28	29	30	31	
4	3	6	4	4	5	
Total	18	8	9	13	12	24

Monthly Total 105

APRIL						
SUN	MON	TUE	WED	THU	FRI	SAT
						1
						7
2	3	4	5	6	7	8
2	3	1	3	2	11	2
9	10	11	12	13	14	15
4	0	3	3	3	2	5
16	17	18	19	20	21	22
4	7	2	3	0	2	3
23	24	25	26	27	28	29
3	0	1	3	1	4	3
30						
7						
Total	20	10	7	12	6	19

Monthly Total 94

MAY						
SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
	2	2	3	1	5	2
7	8	9	10	11	12	13
1	2	4	2	2	5	9
14	15	16	17	18	19	20
7	0	1	6	6	4	5
21	22	23	24	25	26	27
2	0	3	3	1	5	6
28	29	30	31			
4	0	5	0			
Total	14	4	15	14	10	19

Monthly Total 98

JUNE						
SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
				4	2	4
4	5	6	7	8	9	10
4	7	4	4	4	4	8
11	12	13	14	15	16	17
5	3	3	3	3	5	4
18	19	20	21	22	23	24
1	1	0	2	4	6	3
25	26	27	28	29	30	
2	2	2	0	2	3	
Total	12	13	9	9	17	20

Monthly Total 99

TRAFFIC FATALITY CALENDAR

JULY						
SUN	MON	TUE	WED	THU	FRI	SAT
						1
						4
2	3	4	5	6	7	8
6	7	4	2	3	0	3
9	10	11	12	13	14	15
5	2	1	6	6	5	0
16	17	18	19	20	21	22
2	5	5	0	3	2	6
23	24	25	26	27	28	29
1	9	0	3	0	1	3
30	31					
5	1					
Total	19	24	10	11	12	8

Monthly Total 100

AUGUST						
SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
		3	4	3	1	5
6	7	8	9	10	11	12
2	0	1	5	1	0	4
13	14	15	16	17	18	19
10	1	1	0	1	5	4
20	21	22	23	24	25	26
3	1	2	1	3	2	2
27	28	29	30	31		
1	1	1	2	1		
Total	16	3	8	12	9	8

Monthly Total 71

SEPTEMBER						
SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
					0	5
3	4	5	6	7	8	9
3	2	2	4	0	2	6
10	11	12	13	14	15	16
5	2	1	1	3	5	2
17	18	19	20	21	22	23
6	3	1	2	3	5	9
24	25	26	27	28	29	30
1	2	2	2	3	2	13
Total	15	9	6	9	14	35

Monthly Total 97

OCTOBER						
SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
2	4	3	1	0	5	1
8	9	10	11	12	13	14
2	3	1	1	4	9	5
15	16	17	18	19	20	21
2	0	2	1	2	4	3
22	23	24	25	26	27	28
6	3	5	1	1	3	4
29	30	31				
4	1	4				
Total	18	11	15	4	7	21

Monthly Total 89

NOVEMBER						
SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
			2	2	3	3
5	6	7	8	9	10	11
4	3	3	7	5	8	3
12	13	14	15	16	17	18
4	3	1	0	1	3	3
19	20	21	22	23	24	25
8	0	3	4	1	0	5
26	27	28	29	30		
2	3	3	3	5		
Total	18	9	10	16	14	14

Monthly Total 95

DECEMBER						
SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
					1	4
3	4	5	6	7	8	9
1	5	2	3	1	2	3
10	11	12	13	14	15	16
2	0	2	1	2	2	0
17	18	19	20	21	22	23
3	2	2	1	1	8	3
24	25	26	27	28	29	30
1	1	1	2	6	5	2
31						
5						
Total	12	8	7	7	10	18

Monthly Total 74

C. Location

No area of South Carolina was immune from traffic collisions in 2000. Every county experienced the tragedy of at least one fatal traffic collision during the year. Seven of the states 46 counties had at least 40 traffic fatalities during 2000. A variety of factors influence where traffic collisions, injuries and fatalities occur including the volume of traffic on a particular highway, weather variations and travel patterns. Statistics are presented on the following pages, which indicate observable differences in the occurrence of traffic collisions with relation to various location categories. Some important observations in the data are as follows.

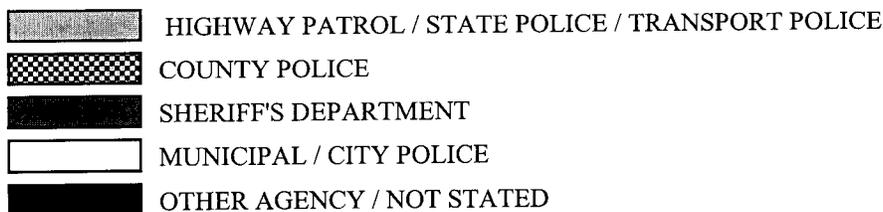
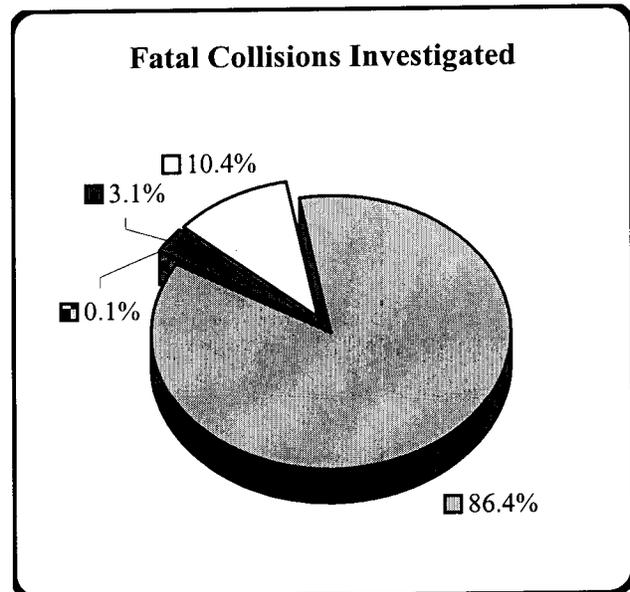
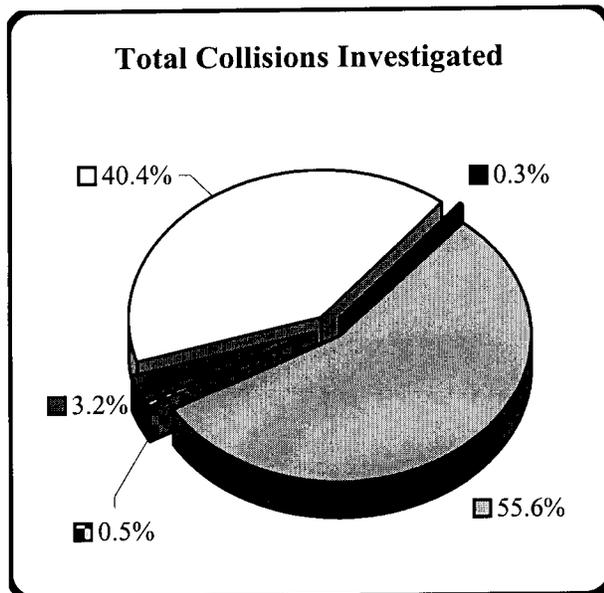
- ◆ In 2000, Charleston County had the most total traffic collisions (10,840), injury collisions (3,854) and non-fatal injuries (6,022). Greenville County had most fatal collisions (70) and the most Property Damage Only collisions (7,745). Horry had the most fatalities (81).
- ◆ A total of 57,930 collisions was investigated by the South Carolina Highway Patrol. This represents 56.0% of the total. The Highway Patrol investigated an even greater proportion of the fatal crashes – 86.4%.
- ◆ In 2000, Secondary and US Primary routes had the most traffic collisions. Respectively, they had 31.9% and 31.2% of the reported total. SC Primary routes were next, accounting for 22.9% of the total collisions.
- ◆ The Secondary routes accounted for the largest percentage of fatal collisions with 35.0% of all fatal collisions. The 328 fatal collisions that occurred on Secondary routes make more than two and a half times the 125 fatal collisions reported on South Carolina's Interstates. (The 125 fatal collisions on interstates are an all time high).
- ◆ A total of 8,160 collisions occurred on the interstates. This was about 1/13 of the total reported traffic collisions for the year.

COLLISIONS INVESTIGATED BY AGENCY TYPE

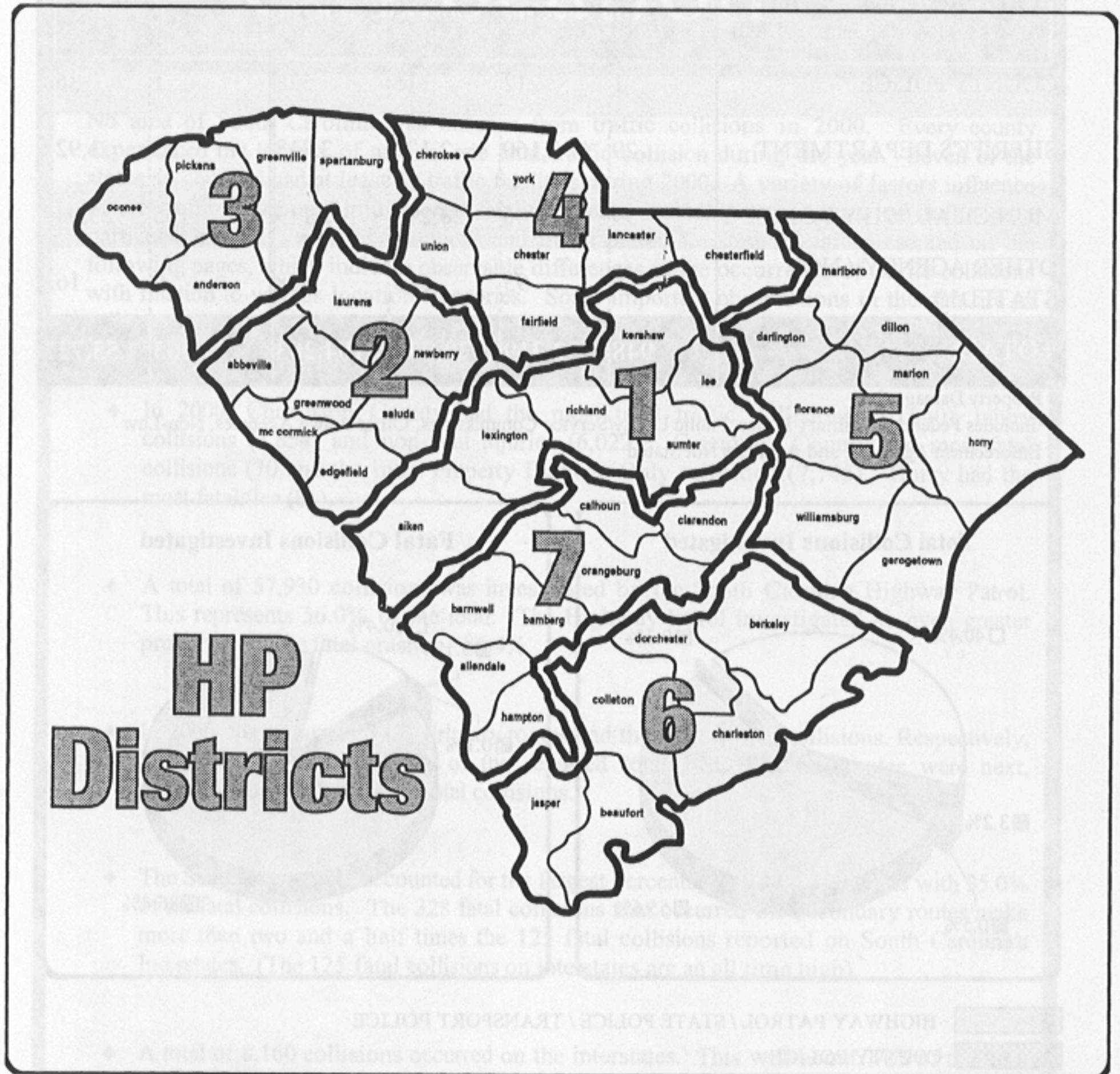
AGENCY TYPE	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
HIGHWAY PATROL / STATE POLICE / TRANSPORT POLICE	819	17,106	40,005	57,930	924	28,226
COUNTY POLICE	1	212	315	528	1	362
SHERIFF'S DEPARTMENT	29	1,160	2,129	3,318	33	1,924
MUNICIPAL / CITY POLICE	99	13,746	28,274	42,119	105	23,046
OTHER AGENCY / NOT STATED**	0	95	213	308	0	163
TOTALS	948	32,319	70,936	104,203	1,063	53,721

* Property Damage Only

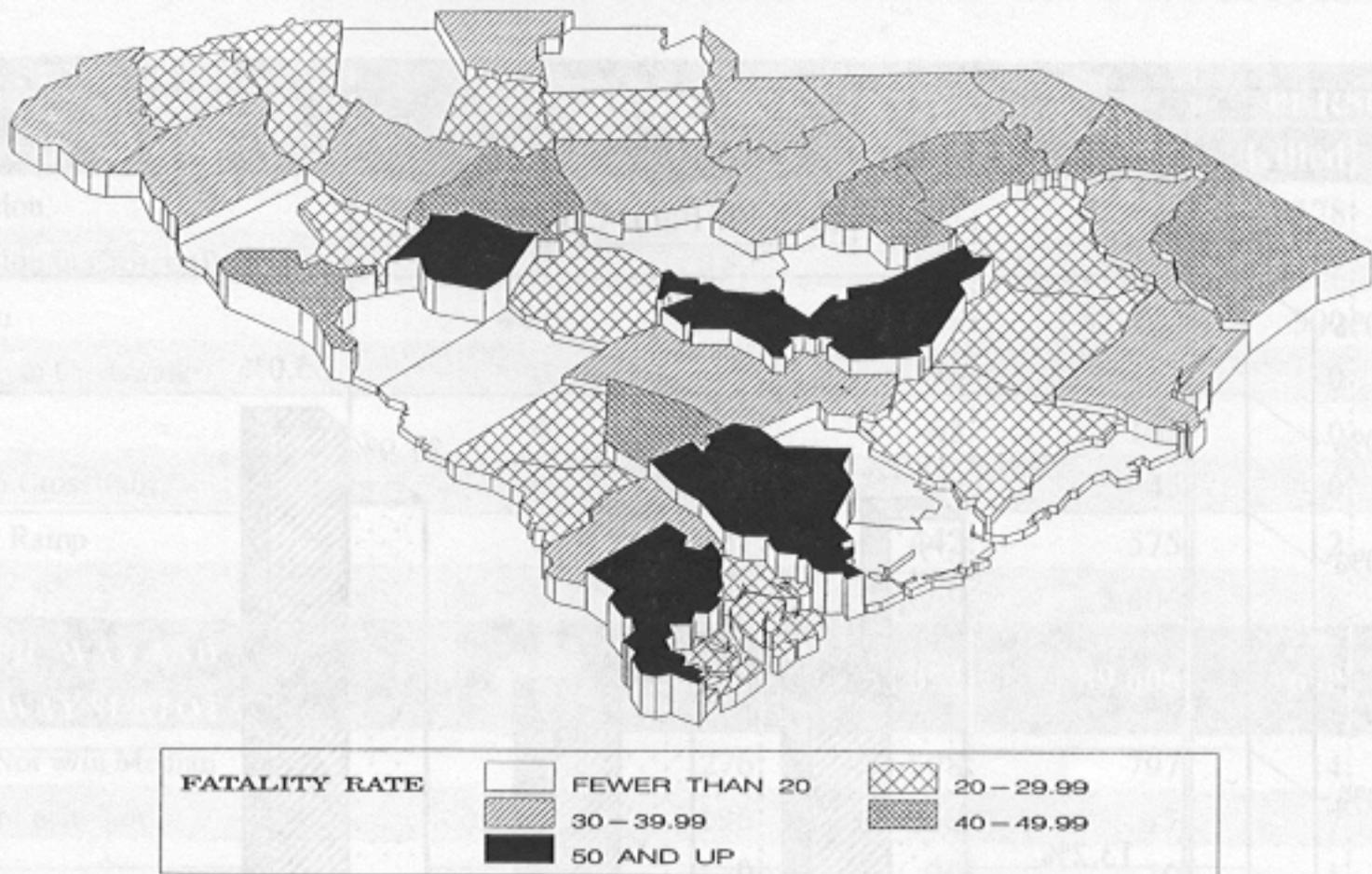
**Includes Federal or Military Police, Public Utility/Service Commissions, Other Police Agencies, Non-Law Enforcement Agencies, and Agencies Not Stated



HIGHWAY PATROL DISTRICTS

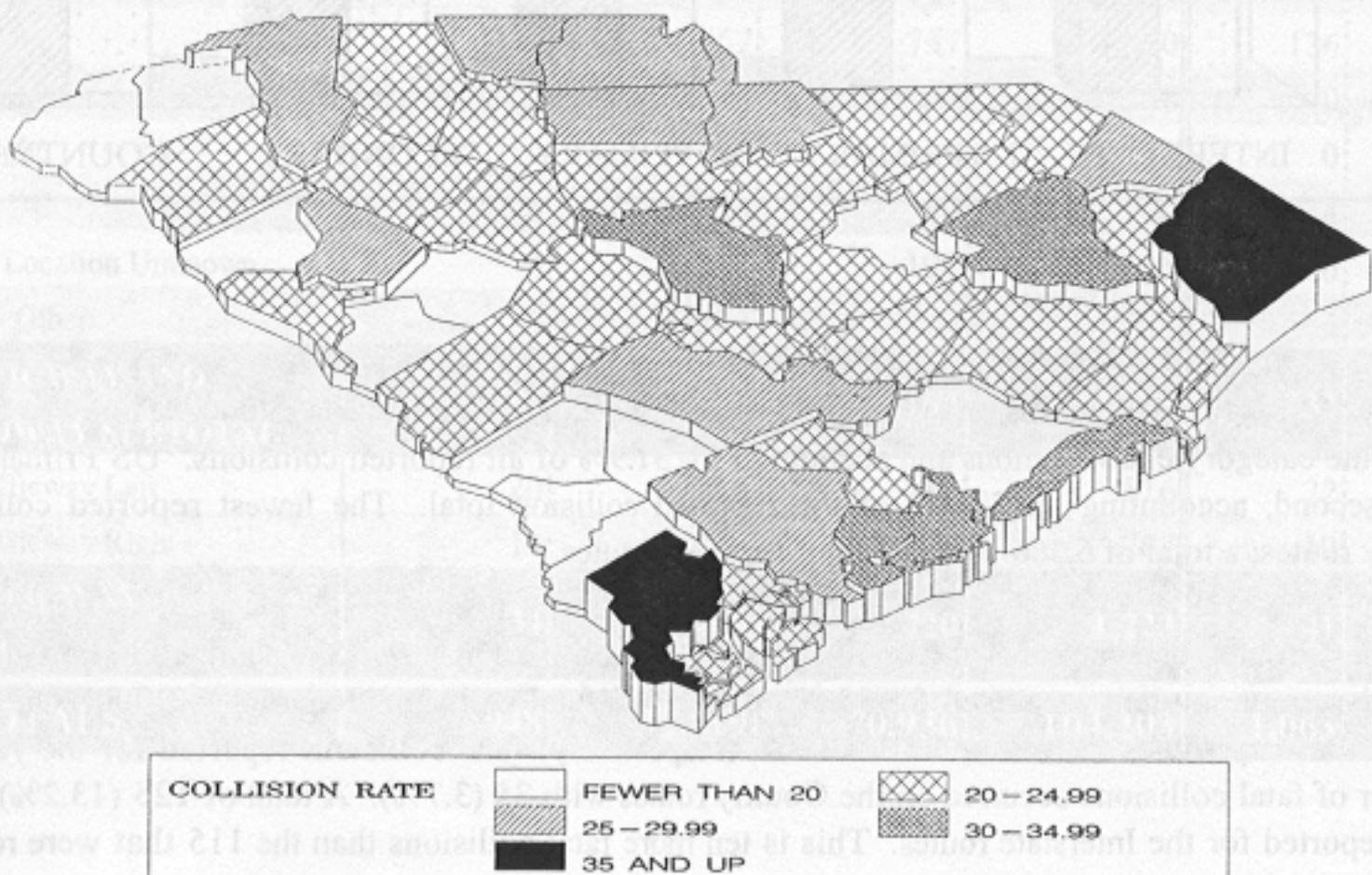


TRAFFIC FATALITIES PER 100,000 POPULATION*



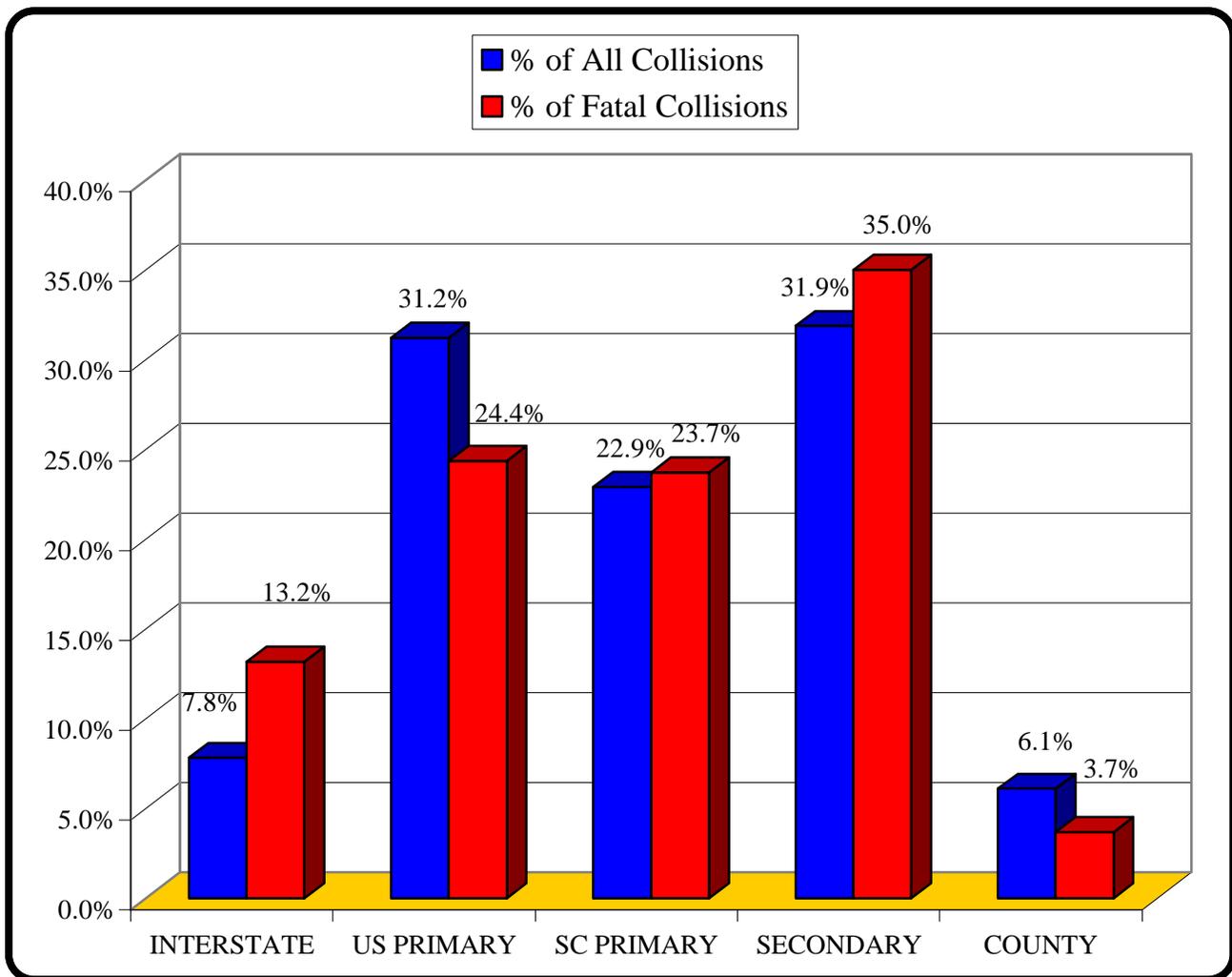
*BASED ON THE 2000 CENSUS

TRAFFIC COLLISIONS PER 1,000 POPULATION*



*BASED ON THE 2000 CENSUS

ALL AND FATAL COLLISIONS BY ROUTE CATEGORY



A total of 33,242 traffic collisions were reported on Secondary routes during 2000. This was the most for the five route category classifications and accounted for 31.9% of all reported collisions. US Primary routes were a close second, accounting for 32,542 of the reported collision total. The fewest reported collisions were on County routes; a total of 6,366 were reported for these routes.

Secondary routes had the most fatal collisions by a wide margin. The 328 fatal collisions occurring on the Secondary route system accounted for 35.0% of the 948 fatal collisions reported in 2000. On the US Primary and SC Primary routes there were 231 and 225 (respectively) fatal collisions reported for the year. The fewest number of fatal collisions occurred on the County routes with 35 (3.7%). A total of 125 (13.2%) fatal collisions were reported for the Interstate routes. This is ten more fatal collisions than the 115 that were reported in 1999 and a 30.2% increase since 1997.

TRAFFIC COLLISIONS BY FIRST HARMFUL EVENT LOCATION

FIRST HARMFUL EVENT LOCATION	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
At Intersection	161	11,740	21,327	33,228	178	21,295
At Intersection In Crosswalk	2	142	194	338	2	208
Nonjunction	449	14,086	38,249	52,784	500	22,887
Nonjunction in Crosswalk	0	48	79	127	0	86
On Island	0	39	63	102	0	60
On Island in Crosswalk	0	16	29	45	0	19
Interchange Ramp	2	131	442	575	2	175
Other	8	729	1,669	2,406	8	1,246
ON TRAFFIC WAY AND ON ROADWAY SUBTOTAL	622	26,931	62,052	89,605	690	45,976
Shoulder - Not w/in Median	13	276	508	797	14	390
Median - Not w/in Gore	12	196	408	17	17	300
Island	1	9	20	30	1	13
Outside Shoulder, Left	36	430	588	1,054	40	625
Outside Shoulder, Right	30	606	937	1,573	33	853
Driveway Access	5	231	587	823	5	383
Driveway Access in Crosswalk	0	9	11	20	0	12
Roadside Left	68	1,052	1,548	2,668	72	1,533
Roadside Right	116	1,667	2,757	4,540	136	2,364
Sidewalk Left	0	24	42	66	0	33
Sidewalk Right	0	67	109	176	0	76
Gore	4	36	80	120	4	51
Off Rdway, Location Unknown	3	112	190	305	6	181
Off Rdway - Other	4	204	379	587	4	272
ON TRAFFICWAY AND OFF ROADWAY SUBTOTAL	292	4,919	8,164	13,375	332	7,086
Outside Trafficway Left	20	216	280	516	22	310
Outside Trafficway Right	14	253	440	707	19	349
OFF TRAFFICWAY SUBTOTAL	34	469	720	1,223	41	659
YEAR TOTALS	948	32,319	70,936	104,203	1,063	53,721

TRAFFIC COLLISIONS ON INTERSTATES

ROUTE	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
I-20	18	335	924	1,277	20	533
I-26	36	682	1,755	2,473	51	1,115
I-77	10	205	658	873	11	316
I-85	15	268	964	1,247	22	426
I-95	37	294	856	1,187	49	582
I-126	0	21	60	81	0	37
I-185	1	5	10	16	1	7
I-385	7	120	385	512	7	194
I-526	1	166	299	466	1	241
I-585	0	6	22	28	0	9
TOTALS	125	2,102	5,933	8,160	162	3,460

*Property Damage Only

INTERSTATE COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	10	203	644	857	10	311
February	5	151	393	549	5	214
March	14	195	518	727	17	307
April	14	176	500	690	19	306
May	6	160	430	596	6	264
June	22	193	521	736	24	328
July	10	187	498	695	21	316
August	12	177	478	667	15	295
September	14	216	539	769	21	361
October	6	163	494	663	7	285
November	4	155	468	627	6	253
December	8	126	450	584	11	220
TOTALS	125	2,102	5,933	8,160	162	3,460

*Property Damage Only

D. Environment

The environment in which motorists operate their vehicles can contribute to the occurrence of traffic crashes. Environment is defined herein as the combination of external or extrinsic physical conditions that affect and influence the operation of a motor vehicle. These include road surface, weather, light conditions, traffic control, road character, road defects, locale and vision obstructions for each driver.

One or more of the environmental factors can be the primary cause of a collision or may be a contributing factor in a given crash. Weather, light, surface conditions and locale are substantially beyond the control of engineering or law enforcement efforts. Changes in traffic controls, road character, road defects and vision obstruction factors can all be effected by traffic engineering efforts.

As reflected in the statistics on the next four pages, most collisions occur under favorable environmental conditions: dry roadway (82.1%); clear weather (76.8%); daylight (71.4%); no traffic control device (65.2%); straight-level road (78.0%); no road defect (97.4%); shopping or business (39.3%) and no vision obstruction (per unit) (98.4%).

For fatal collisions, the percentages of collisions which occurred under the most favorable surface and weather conditions were about the same or even higher for most environmental factors. The largest difference is seen in light conditions where just under 51% of fatal collisions did not occur during daylight hours. The percentage of fatal collisions occurring under the most favorable environmental conditions are as follows: dry roadway (87.1%); clear weather (79.5%); daylight (49.4%); no traffic control (78.3%); straight-level roadway (59.3%); no road defect (97.5%); open country (71.4%) and no vision obstructed (per unit) (97.8%)

Environmental factors were the probable cause in only 5.9% of all collisions in 2000. The environment may have been a contributing factor to collisions where it was not the primary probable cause. Efforts to improve those environmental factors which can be controlled (especially traffic control, road character and road defect) should help to reduce the frequency of traffic crashes in South Carolina.

ROAD SURFACE CONDITIONS

ROAD SURFACE CONDITIONS	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Dry	826	26,799	57,961	85,586	934	44,687
Wet	110	4,865	11,085	16,060	117	8,051
Icy	5	290	892	1,187	5	416
Slushy	3	78	254	335	3	125
Snowy	0	87	303	390	0	129
Muddy	1	47	131	179	1	78
Debris	0	7	13	20	0	10
Other	1	9	19	29	1	15
Unknown	2	137	278	417	2	210
TOTALS	948	32,319	70,936	104,203	1,063	53,721

*Property Damage Only

WEATHER CONDITIONS

WEATHER CONDITIONS	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Clear/No Adverse Conditions	754	24,974	54,289	80,017	848	41,576
Rain	71	3,629	8,339	12,039	76	6,025
Cloudy	104	3,127	6,697	9,928	116	5,169
Sleet or Hail	3	80	268	351	3	133
Snow	3	214	695	912	3	319
Fog, Smog	13	241	499	753	17	404
Blowing Sand, Soil, Dirt, or Snow	0	7	16	23	0	13
Severe Cross Winds, High Wind	0	9	24	33	0	14
Other	0	16	57	73	0	30
Unknown	0	22	52	74	0	38
TOTALS	948	32,319	70,936	104,203	1,063	53,721

*Property Damage Only

Controls

LIGHT CONDITIONS

LIGHT CONDITIONS	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Daylight	468	22,615	51,352	74,435	532	37,905
Dawn	18	390	917	1,325	19	616
Dusk	25	809	1,601	2,435	31	1,374
Dark (Lighting Unspecified)	39	1,054	2,113	3,206	40	1,770
Dark (Street Lamp Lit)	69	3,092	5,414	8,575	73	5,212
Dark (Street Lamp Not Lit)	8	98	208	314	9	137
Dark (No Lights)	319	4,224	9,251	13,794	357	6,648
Unknown	2	37	80	119	2	59
TOTALS	948	32,319	70,936	104,203	1,063	53,721

*Property Damage Only

TRAFFIC CONTROLS

TRAFFIC CONTROLS	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Stop Sign	99	4,632	8,876	13,607	108	8,543
Stop and Go Signal	38	5,891	11,256	17,185	41	10,298
Yield Sign	4	420	1,172	1,596	7	694
Officer / Flagman	2	55	135	192	2	92
RR Crossing Gates / Lights	2	22	57	81	2	31
RR Lights	1	21	35	57	1	29
None	742	20,197	47,076	68,015	838	32,304
Other Signs	37	571	1,171	1,779	39	907
RR Crossbucks	3	12	27	42	3	14
Unknown	20	498	1,131	1,649	22	809
TOTALS	948	32,319	70,936	104,203	1,063	53,721

*Property Damage Only

Defects

ROAD CHARACTER

ROAD CHARACTER	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Straight - Level	562	24,466	56,285	81,313	636	40,902
Straight - On Grade	118	3,599	7,817	11,534	139	6,156
Straight - Hillcrest	17	567	1,096	1,680	20	1,042
Curve - Level	158	2,422	3,691	6,271	169	3,657
Curve - On Grade	87	1,119	1,836	3,042	93	1,724
Curve - Hillcrest	6	119	159	284	6	194
Unknown	0	27	52	79	0	46
TOTALS	948	32,319	70,936	104,203	1,063	53,721

*Property Damage Only

ROAD DEFECTS

ROAD DEFECTS	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
None	924	31,505	69,053	101,482	1,038	52,381
Shoulder Defect	10	195	386	591	10	337
Soft Shoulder	0	66	129	195	0	125
Low Shoulder	1	26	45	72	1	37
High Shoulder	0	13	16	29	0	30
Ruts, Holes, Bumps	1	94	227	322	1	132
Worn, Polished Surface	1	127	234	362	1	203
Construction/ Maintenance	10	229	707	946	10	380
Other	1	64	139	204	2	96
TOTALS	948	32,319	70,936	104,203	1,063	53,721

*Property Damage Only

LOCALE

LOCALE	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Open Country	677	12,570	27,202	40,449	769	20,817
Residential	127	6,220	12,476	18,823	137	10,179
Shopping or Business	122	12,245	28,546	40,913	129	20,516
Manufacturing/Industrial	7	343	623	973	7	543
School or Playground	8	391	967	1,366	11	720
Hospital	0	128	228	356	0	220
Other	7	392	808	1,207	10	677
Unknown	0	30	86	116	0	49
TOTALS	948	32,319	70,936	104,203	1,063	53,721

*Property Damage Only

VISION OBSTRUCTION FOR ALL UNITS INVOLVED IN TRAFFIC COLLISIONS**

VISION OBSTRUCTION	COLLISION TYPE			TOTAL
	Fatal	Injury	PDO*	
None	1,534	59,946	129,709	191,189
Building	1	32	47	80
Sign	0	6	12	18
Vegetation	6	76	142	224
Snow Bank	0	2	7	9
Hill	1	63	102	166
Curve in Road	2	63	150	215
Vehicles	8	526	1,029	1,563
Sunlight, Headlights	6	166	321	493
Other (Dust, Smoke, etc.)	10	118	214	342
TOTALS	1,568	60,998	131,733	194,299

*Property Damage Only

**The figures for vision obstruction apply to each unit involved in traffic collisions in 2000; therefore, these totals do not match other totals in this section.

E. Units

The consequences of traffic collisions are affected by the types of 'units' that are involved. A collision between a relatively large unit, such as a truck or train, and a smaller unit, such as a motorcycle, transmit a substantially greater force to the smaller vehicle, and hence to its occupants or riders, than a collision between two vehicles of comparable size. This irrefutable law of physics probably accounts for the over representation of certain 'unit types' in traffic collisions. Some of the key findings in the 2000 data are as follows:

- ◆ The most common unit involved in traffic crashes in 2000 was the automobile. Out of 194,299 units involved in traffic collisions during the year, 132,382 were automobiles. This represents 68.1% of the total units.
- ◆ For fatal collisions, a much smaller percentage of units were automobiles. Of the 1,568 units involved in fatal collisions, 830 or 52.9% were automobiles.
- ◆ A total of 84 pedestrians were involved in fatal collisions in 2000. This represents 8.6% of all pedestrians involved in traffic crashes during the year, a proportion more than 14 times greater than for automobiles.
- ◆ Seven railway trains were involved in traffic crashes resulting in fatalities. These represent 10.0% of the 70 trains involved in crashes during 2000, a percentage 16 times greater than for automobiles.
- ◆ Eighty-seven motorcycles were involved in fatal crashes in 2000. This represents 5.8% of all motorcycles involved in crashes, more than 9.5 times the rate for automobiles.
- ◆ A total of 101 truck tractors were involved in fatal collisions in 2000. This represents 2.4% of the truck tractors involved in crashes during the year, four times the rate for automobiles.
- ◆ In 1999, there were 117 truck tractors involved in fatal collisions versus the 101 in 2000. This is a reversal of the upward trend that has been seen on truck tractor involvement in fatal crashes.

MOTOR VEHICLE REGISTRATIONS BY COUNTY

COUNTY	1999		2000	
	Registrations	Percent	Registrations	Percent
Abbeville	21,452	0.7	20,600	0.7
Aiken	114,564	3.7	112,403	3.7
Allendale	6,709	0.2	6,466	0.2
Anderson	138,605	4.4	139,053	4.5
Bamberg	11,573	0.4	11,191	0.4
Barnwell	17,936	0.6	17,325	0.6
Beaufort	85,757	2.7	89,851	2.9
Berkeley	104,415	3.3	103,080	3.4
Calhoun	14,474	0.5	14,421	0.5
Charleston	213,549	6.8	215,589	7.0
Cherokee	43,409	1.4	42,164	1.4
Chester	27,874	0.9	26,826	0.9
Chesterfield	34,219	1.1	33,864	1.1
Clarendon	22,639	0.7	22,192	0.7
Colleton	29,751	1.0	29,057	0.9
Darlington	51,970	1.7	49,245	1.6
Dillon	21,986	0.7	21,481	0.7
Dorchester	70,699	2.3	70,486	2.3
Edgefield	17,753	0.6	17,645	0.6
Fairfield	19,517	0.6	18,876	0.6
Florence	99,506	3.2	97,515	3.2
Georgetown	43,881	1.4	42,098	1.4
Greenville	306,100	9.8	300,885	9.8
Greenwood	52,202	1.7	50,857	1.7
Hampton	14,008	0.4	13,733	0.4
Horry	160,116	5.1	157,860	5.1
Jasper	13,599	0.4	13,696	0.4
Kershaw	45,568	1.5	45,573	1.5
Lancaster	51,335	1.6	48,987	1.6
Laurens	54,254	1.7	53,005	1.7
Lee	13,095	0.4	12,629	0.4
Lexington	185,443	5.9	181,774	5.9
McCormick	7,678	0.2	7,788	0.3
Marion	24,337	0.8	23,307	0.8
Marlboro	20,017	0.6	19,304	0.6
Newberry	30,830	1.0	29,656	1.0
Oconee	60,476	1.9	59,444	1.9
Orangeburg	68,207	2.2	65,136	2.1
Pickens	88,447	2.8	86,547	2.8
Richland	225,446	7.2	219,962	7.2
Saluda	15,983	0.5	15,386	0.5
Spartanburg	208,548	6.7	205,564	6.7
Sumter	76,125	2.4	73,579	2.4
Union	24,708	0.8	24,209	0.8
Williamsburg	26,434	0.8	25,471	0.8
York	133,556	4.3	135,961	4.4
STATE TOTALS *	3,118,751	100.0	3,071,743	100.0

* 1999 State total includes one automobile with an undetermined county of registration

UNIT TYPES INVOLVED IN TRAFFIC COLLISIONS

UNIT TYPE	COLLISION TYPE			TOTAL
	Fatal	Injury	PDO*	
Automobile**	830	41,444	90,108	132,382
Pickup Truck**	249	9,427	23,034	32,710
Truck Tractor**	101	1,151	2,980	4,232
Other Truck**	77	2,376	5,876	8,329
Full Size Van**	38	1,221	2,913	4,172
Minivan**	46	2,090	5,065	7,201
Motorcycle**	87	1,118	301	1,506
Moped	1	132	9	142
Pedalcycle	25	495	25	545
Minibike	0	5	0	5
Animal Drawn Vehicle	1	0	6	7
Animal (Ridden)	0	4	2	6
Pedestrian	84	861	27	972
Train	7	22	41	70
School Bus**	2	116	230	348
Passenger Bus**	0	76	131	207
Other***	12	279	502	793
Unknown (Hit and Run Only)**	8	181	483	672
TOTALS	1,568	60,998	131,733	194,299

A motor vehicle traffic collision is defined by the National Safety Council (NSC) as one in which: (1) the unstable situation originates on a trafficway or (2) a harmful event occurs on a trafficway. Using the NSC definition, each of the unit types listed above was involved in a collision which involved at least one motor vehicle. Units considered as motor vehicles are denoted with (**). Units denoted by three asterisks, (***) may or may not be a motor vehicle, depending on the means by which they were propelled. For units not considered motor vehicles, the collision included at least one other unit which was a motor vehicle.

VEHICLE (EXCLUDES PEDESTRIANS) USE IN TRAFFIC COLLISIONS

VEHICLE USE	COLLISION TYPE			TOTAL
	Fatal	Injury	PDO*	
Personal	1,279	56,012	121,471	178,762
Driver Training	2	8	24	34
Construction/Maintenance	43	1,070	2,874	3,987
Ambulance	1	30	66	97
Military	0	9	21	30
Transport Passengers	6	404	741	1,151
Transport Property	114	1,496	3,966	5,576
Farm Use	5	79	209	293
Wrecker or Tow	5	76	182	263
Police	3	222	582	807
Government	4	112	294	410
Fire Fighting	1	30	46	77
Logging Truck	6	50	117	173
Container Truck	6	103	210	319
Other	5	291	649	945
Not Stated	4	145	254	403
TOTALS	1,484	60,137	131,706	193,327

*Property Damage Only

UNITS INVOLVED IN TRAFFIC COLLISIONS BY MOST HARMFUL EVENT

MOST HARMFUL EVENT (MHE)	COLLISION TYPE			TOTAL
	Fatal	Injury	PDO*	
Overtum	136	2,014	1,998	4,148
Fire/Explosion	6	43	74	123
Immersion	3	95	191	289
Gas Inhalation	0	10	21	31
Thrown/Falling object	2	38	93	133
Spill (2-wheel vehicle in single vehicle crash)	2	120	24	146
Jack-Knifed	0	22	91	113
Other Non-Collision	12	452	877	1,341
NON-COLLISION SUBTOTAL	161	2,794	3,369	6,324
Pedestrian	83	846	30	959
Other Object Not Fixed	0	67	167	234
Parked Vehicle	17	412	1,861	2,290
Stopped Vehicle	29	6,440	14,788	21,257
Vehicle In Transport	892	42,345	95,594	138,831
Vehicle in Transport In Other Roadway	13	854	1,197	2,064
Railway Train	6	19	32	57
Pedalcyclist	23	449	16	488
Motorcyclist	13	163	43	219
Moped	1	34	6	41
Domesticated Animal with Rider	1	5	4	10
Domesticated Animal	1	46	200	247
Wild Animal Not Deer	1	6	31	38
Deer	1	220	3,111	3,332
Other animal	0	29	94	123
OBJECT NOT FIXED SUBTOTAL	1,081	51,935	117,174	170,190
Highway Guardrail End	1	77	132	210
Highway Guardrail Face	5	170	522	697
Crash Cushion	1	15	28	44
Utility Pole	23	578	919	1,520
Light Standard	0	12	34	46
Tree	177	1,955	2,493	4,625
Fire Hydrant	1	23	91	115
Pier/Column	4	13	20	37
Overhead Sign Support	0	8	13	21
Highway Sign Post	2	51	256	309
Traffic Signal Post	1	16	42	59
Other Post	2	36	105	143
Barricade	0	8	42	50
Culvert Headwall	10	84	137	231
Curb	0	66	165	231
Retaining Wall	0	83	195	278
Median Barrier	0	65	162	227
Rock/Stone Sideslope	0	13	14	27
Earth Sideslope	23	461	628	1,112
Building	6	83	181	270
Fence, Other Than Median	3	143	569	715
Boulder	0	0	10	10
Ditch	40	1,528	2,662	4,230
Overhead Structure/Underpass	1	3	33	37
Other Fixed Object	9	111	263	383
Trash Dumpster	0	2	12	14
Mailbox	1	52	171	224
Bridge/Pier/Abutment	2	23	45	70
Bridge Parapet End	0	9	14	23
Bridge Rail	2	65	142	209
FIXED OBJECT SUBTOTAL	314	5,753	10,100	16,167
Other Object	2	62	260	324
Road Defect	0	9	19	28
Unknown	0	98	191	289
Other	10	347	620	977
OTHER SUBTOTAL	12	516	1,090	1,618
YEAR TOTALS	1,568	60,998	131,733	194,299

*Property Damage Only

UNIT MANEUVER IN ALL TRAFFIC COLLISIONS

MANEUVER	NUMBER	%
MOVING ESSENTIALLY STRAIGHT		
Moving Straight, Details Unknown	8,448	4.4
Straight Ahead In Proper Direction	60,550	31.4
Overtaking Vehicle on Left, Left of Center Line	1,022	0.5
Overtaking Vehicle on Left, Right of Center Line*	201	0.1
Overtaking Vehicle on Right	510	0.3
Straight Ahead In Left Turn Lane	129	0.1
Straight Ahead In Right Turn Lane	91	0.0
Changing Lanes To Left	2,103	1.1
Changing Lanes To Right	1,962	1.0
Merging From Left (Roadway Narrows on Left)	104	0.1
Merging From Right (Roadway Narrows on Right)	277	0.1
On Wrong Side of Roadway	1,081	0.6
In Wrong Direction on One Way Roadway	77	0.0
Swerving to Left	6,890	3.6
Swerving to Right	7,398	3.8
Slowing or Stopping	15,685	8.1
Skidding Longitudinally	13,515	7.0
Skidding Laterally	2,225	1.2
Spinning or Yawing	3,716	1.9
Jack Knifing	142	0.1
Stopped in Traffic	20,670	10.7
Starting from Stop	4,806	2.5
Increasing Speed	471	0.2
MOVING ESSENTIALLY STRAIGHT SUBTOTAL	152,073	79.0
TURNING MOVEMENTS		
Turning, Details Unknown	880	0.5
Turning Left, From Left Turn Bay	2,771	1.4
Turning Left, From Left (Proper) Lane	9,790	5.1
Turning Left, From Other Lane, Legal	3,561	1.8
Turning Left From Other Lane (Illegal)	1,339	0.7
Turning Left From Unknown Lane	140	0.1
U-turn	1,287	0.7
Turning Right From Special Lane	112	0.1
Turning Right From Proper Lane	2,932	1.5
Turning Right From Other Lane, Legal	644	0.3
Turning Right From Other Lane, Illegal	647	0.3
Turning Right From Unknown Lane	87	0.0
TURNING MOVEMENTS SUBTOTAL	24,190	12.6
ENTERING TRAFFIC LANE		
Turning Details Unknown	727	0.4
Entering From Entrance Ramp on Left	99	0.1
Entering From Entrance Ramp on Right	296	0.2
Entering From Shoulder, on Left	151	0.1
Entering From Shoulder, on Right	397	0.2
Entering From Parking Space at Left Curb	28	0.0
Entering From Parking Space at Right Curb	155	0.1
Entering From Driveway on Left	594	0.3
Entering From Driveway on Right	1,877	1.0
ENTERING TRAFFIC LANE SUBTOTAL	4,324	2.2

*Applies to one way streets only.

Maneuver**UNIT MANEUVER IN ALL TRAFFIC COLLISIONS**

(Continued)

MANEUVER (Cont.)	NUMBER	%
LEAVING TRAFFIC LANE		
Leaving Traffic Lane, Details Unknown	399	0.2
Leaving Traffic Lane to Exit Ramp on Left	35	0.0
Leaving Traffic Lane to Exit Ramp on Right	83	0.0
Leaving Traffic Lane to Shoulder on Left	921	0.5
Leaving Traffic Lane to Shoulder on Right	1,605	0.8
Leaving Traffic Lane to Parking Space at Left Curb	102	0.1
Leaving Traffic Lane to Parking Space at Right Curb	140	0.1
Leaving Parking Lane to Driveway on Left	349	0.2
Leaving Parking Lane to Driveway on Right	247	0.1
LEAVING TRAFFIC LANE SUBTOTAL	3,881	2.0
PARKING ON OR ADJACENT TO TRAFFIC LANES		
Parking, Details Unknown	128	0.1
Parking on Left Shoulder	51	0.0
Parking on Right Shoulder	179	0.1
Parking at Left Curb	35	0.0
Parking at Right Curb	143	0.1
Parking in Traffic Lane on Left (Rural)	22	0.0
Parking in Traffic Lane on Right (Rural)	42	0.0
Double Parked on Left	2	0.0
Double Parked on Right	4	0.0
PARKING SUBTOTAL	606	0.3
MISCELLANEOUS MOVEMENTS		
Other Miscellaneous, Details Unknown	321	0.2
Backing in Roadway	1,442	0.7
Backing From Angle, Parking on Left	104	0.1
Backing From Angle, Parking on Right	185	0.1
Backing Across Traffic	354	0.2
Backing on Shoulder	63	0.0
Vehicle Pushed by Another Vehicle	809	0.4
Vehicle Pushed by Pedestrian	14	0.0
Driverless Vehicle in Motion	136	0.1
Not in Motion (Parked, Abandoned or Standing)	3,341	1.7
Unknown	11	0.0
Not Applicable	698	0.4
MISCELLANEOUS MOVEMENTS SUBTOTAL	7,478	3.9
TOTAL UNITS	192,552	100.0

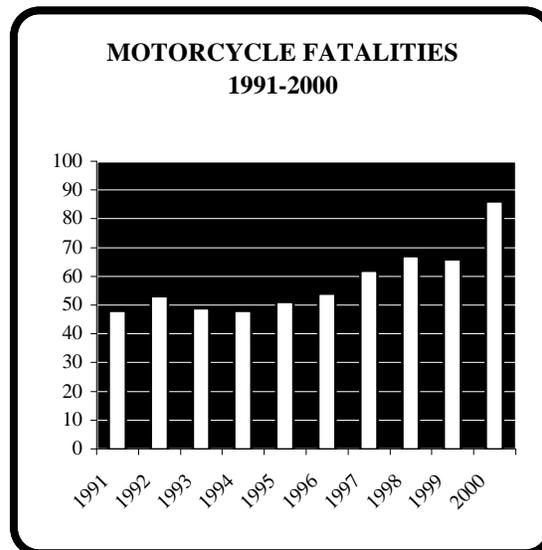
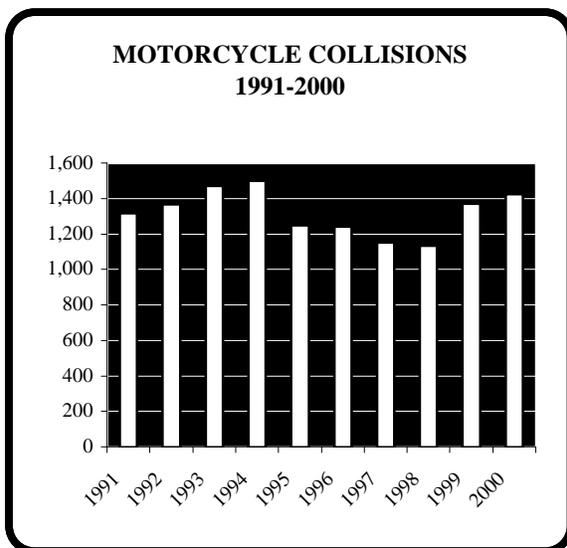
By far the most frequent unit maneuver for units involved in traffic collisions in 2000 was 'Straight Ahead in the Proper Direction' with 33.5% of the total units. The next maneuver, 'Stopped in Traffic' accounted for 11.4% of the units. The third, fourth and fifth maneuvers involved units which were 'Slowing or Stopping' (8.7%) followed by 'Skidding Longitudinally' (7.5%) and 'Turning Left from Proper Lane' (5.4%). Combined, the top five categories accounted for more than 66.5% of all units involved in traffic collisions. These figures only represent units defined as a motor vehicle.

MOTORCYCLE STATISTICS

YEAR	TOTAL COLLISIONS	FATAL COLLISIONS	PERSONS KILLED	PERSONAL INJURY COLLISIONS	PERSONS INJURED	PROPERTY DAMAGE COLLISIONS	MOTORCYCLE REGISTRATIONS	REGISTRATION FATALITY RATE ¹	REGISTRATION COLLISION RATE ²
1966	591	23	23	452	-	116	11,248	20.4	5.3
*1967	368	9	10	238	304	121	11,945	8.4	3.1
*1968	280	9	9	194	230	77	12,143	7.4	2.3
1969	272	8	9	191	231	73	12,924	7.0	2.1
1970	607	15	15	348	433	244	15,633	9.6	3.9
1971	907	22	23	506	599	379	17,870	12.9	5.1
1972	1,233	37	39	684	814	501	22,515	17.3	5.5
*1973	1,958	49	50	1,046	1,232	863	33,268	15.0	5.9
1974	2,319	59	60	1,225	1,468	1,035	47,328	12.7	4.9
*1975	1,913	51	54	1,001	1,186	861	48,040	11.2	4.0
1976	1,835	47	47	947	1,171	814	45,686	10.3	4.0
1977	1,765	51	53	903	1,067	809	41,161	12.9	4.3
1978	1,561	38	38	849	1,011	673	35,280	10.8	4.4
1979	1,543	40	42	890	1,063	611	37,466	11.2	4.1
*1980	1,764	54	55	986	1,165	723	38,875	14.1	4.5
1981	1,934	45	46	1,107	1,315	781	42,257	10.9	4.6
1982	2,019	58	61	1,135	1,382	823	35,028	17.4	5.8
1983	2,091	74	81	1,110	1,368	905	36,130	22.4	5.8
1984	2,593	89	92	1,376	1,648	1,122	37,119	24.8	7.0
1985	2,432	83	87	1,361	1,636	988	37,366	23.3	6.5
1986	2,284	73	75	1,281	1,535	929	36,074	20.8	6.3
1987	1,908	54	56	1,081	1,282	771	32,710	17.1	5.8
1988	1,580	62	63	1,134	1,415	384	31,483	20.0	5.0
1989	1,359	44	46	900	1,130	415	29,965	15.4	4.5
1990	1,612	49	51	1,135	1,407	428	30,907	16.5	5.2
1991	1,318	45	48	896	1,093	377	29,226	16.4	4.5
1992	1,368	50	53	992	1,260	326	32,405	16.4	4.2
1993	1,470	48	49	1,047	1,306	375	32,348	15.1	4.5
1994	1,498	48	48	1,040	1,282	410	35,967	13.3	4.2
1995	1,249	49	51	869	1,089	331	34,381	14.8	3.6
1996	1,243	50	54	884	1,103	309	38,333	14.1	3.2
1997	1,153	60	62	870	1,085	223	37,398	16.6	3.1
1998	1,135	65	67	870	1,045	200	45,039	14.9	2.5
1999	1,369	64	66	1,050	1,294	255	47,557	13.9	2.9
2000	1,426	82	86	1,055	1,292	289	51,436	16.7	2.8

¹Based on 10,000 cycle registrations

²Based on 100 cycle registrations



*1967-Safety Equipment Law enacted but not enforced

*1968-Enforcement of Safety Equipment Law initiated

*1973-Lights On Law effective July 1

*1975-Implemented Classified License Law for motorcycles.

*1980-Helmet and Goggles Law amended effective June 16, exempting cyclists 21 and older.

TRAFFIC COLLISIONS INVOLVING MOTORCYCLES

COLLISIONS BY YEAR

YEAR	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
1996	50	884	309	1,243	54	1,103
1997	60	870	223	1,153	62	1,085
1998	65	870	200	1,135	67	1,045
1999	64	1,050	255	1,369	66	1,294
2000	82	1,055	289	1,426	86	1,292
TOTALS	321	4,729	1,276	6,326	335	5,819

*Property Damage Only

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	2	21	6	29	3	27
February	6	59	10	75	6	66
March	7	88	17	112	8	103
April	10	90	21	121	10	107
May	8	230	76	314	8	297
June	7	132	41	180	7	160
July	10	110	30	150	10	136
August	10	93	24	127	11	115
September	8	89	24	121	9	109
October	8	86	26	120	8	109
November	5	45	11	61	5	49
December	1	12	3	16	1	14
TOTALS	82	1,055	289	1,426	86	1,292

*Property Damage Only

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	45	661	182	888	48	787
Dark & Clear/Cloudy	36	358	101	495	37	457
Day & Rain	0	25	4	29	0	34
Dark & Rain	1	8	2	11	1	10
Day & Other Weather	0	1	0	1	0	1
Dark & Other Weather	0	2	0	2	0	3
TOTALS	82	1,055	289	1,426	86	1,292

*Property Damage Only

**Includes all persons in the collision not just motorcycle riders.

TRAFFIC COLLISIONS INVOLVING MOTORCYCLES

SEX OF MOTORCYCLISTS

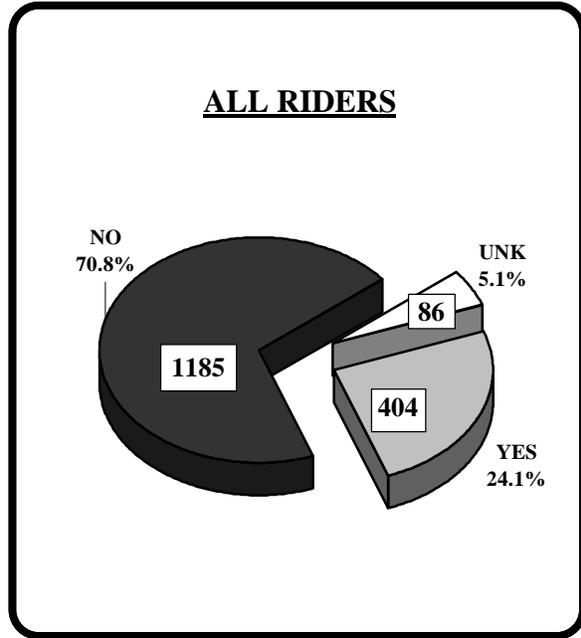
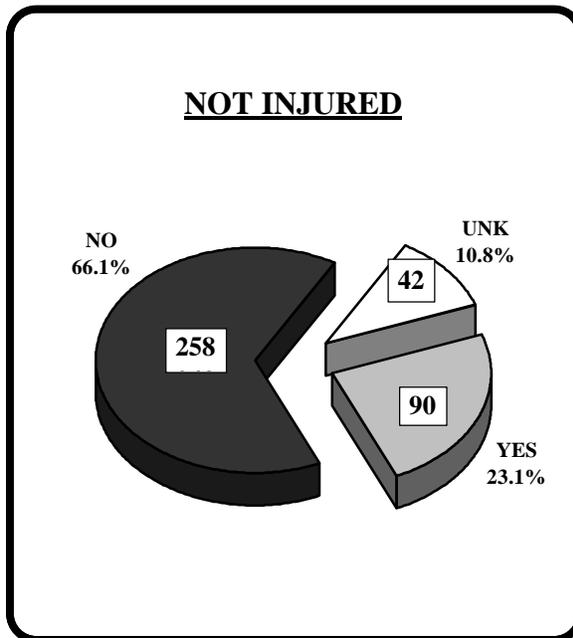
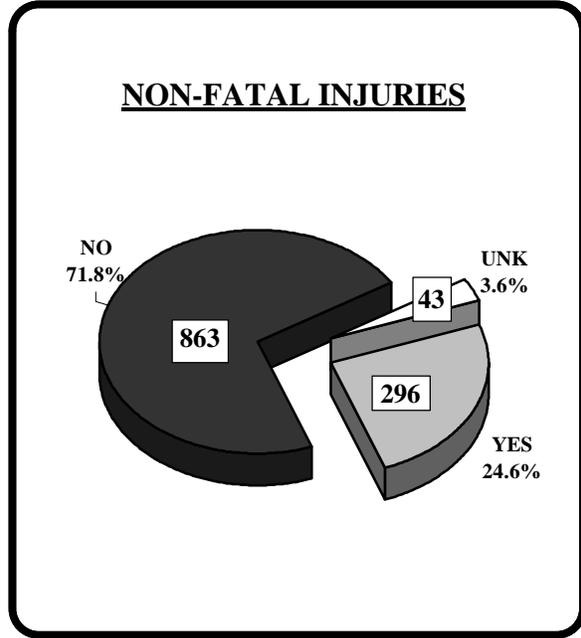
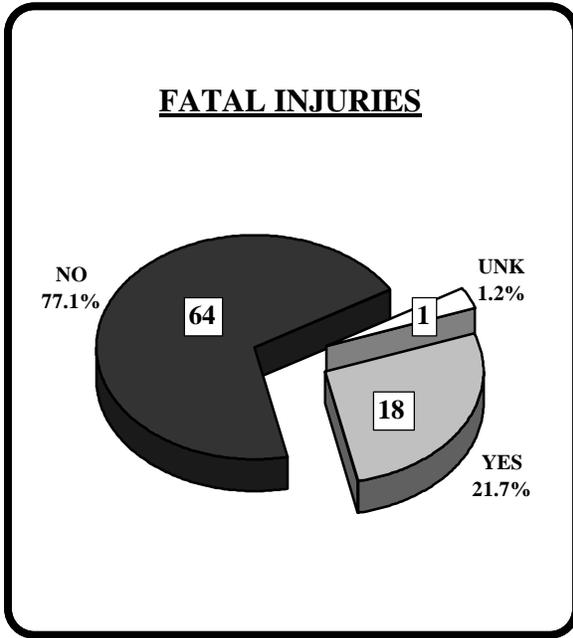
SEX	CASUALTY TYPE			TOTALS
	Fatality	Non-Fatal Injury	Not Injured	
Male	77	1021	337	1,435
Female	6	180	48	234
Unknown	0	1	5	6
TOTALS	83	1,202	390	1,675

AGE AND HELMET USAGE OF MOTORCYCLISTS

HELMET USAGE	CASUALTY TYPE			TOTALS
	Fatality	Non-Fatal Injury	Not Injured	
HELMET USED				
Under 15	1	7	4	12
15-20	0	50	16	66
21-24	4	51	14	69
25-34	7	73	23	103
35-44	3	51	15	69
45 and Over	3	64	18	85
Unknown	0	0	0	0
SUBTOTAL	18	296	90	404
HELMET NOT USED				
Under 15	1	6	1	8
15-20	6	85	26	117
21-24	9	135	41	185
25-34	16	287	80	383
35-44	16	193	68	277
45 and Over	16	156	41	213
Unknown	0	1	1	2
SUBTOTAL	64	863	258	1,185
UNKNOWN				
Under 15	0	1	0	1
15-20	0	5	4	9
21-24	0	8	5	13
25-34	0	12	16	28
35-44	0	11	5	16
45 and Over	1	6	12	19
Unknown	0	0	0	0
SUBTOTAL	1	43	42	86
TOTALS	83	1,202	390	1,675

Out of 83 motorcycle riders killed in 2000, 6 were female, 44 were under age 35 and 64 were not wearing a helmet. Out of the 1,675 riders of motorcycles who were involved in traffic collisions, 404 were wearing a helmet and 1,185 were not, for 86 riders, helmet usage was unknown. For those cyclists under 21 years of age, helmet usage is required by law. For this group, 20 were wearing a helmet and 27 were not, for 4, helmet usage was unknown.

MOTORCYCLE HELMET USAGE



TRAFFIC COLLISIONS INVOLVING MOPEDS

COLLISIONS BY YEAR

YEAR	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
1996	2	131	33	166	2	145
1997	1	126	11	138	1	143
1998	6	127	9	142	6	141
1999	2	106	12	120	2	117
2000	1	131	9	141	1	141
TOTALS	11	621	74	707	12	687

* Property Damage Only

COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	0	8	1	9	0	9
February	0	5	0	5	0	5
March	0	12	2	14	0	12
April	0	10	1	11	0	10
May	0	14	0	14	0	14
June	0	12	1	13	0	12
July	0	18	1	19	0	21
August	0	13	1	14	0	15
September	1	11	0	12	1	13
October	0	11	0	11	0	11
November	0	8	2	10	0	10
December	0	9	0	9	0	9
TOTALS	1	131	9	141	1	141

* Property Damage Only

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	1	90	6	97	1	96
Dark & Clear/Cloudy	0	37	3	40	0	41
Day & Rain	0	1	0	1	0	1
Dark & Rain	0	3	0	3	0	3
TOTALS	1	131	9	141	1	141

* Property Damage Only

**Includes all fatalities and injuries in the collision not just to moped riders.

TRAFFIC COLLISIONS INVOLVING MOPEDS

COLLISIONS BY DAY OF WEEK

DAY OF WEEK	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Sunday	1	16	3	20	1	17
Monday	0	17	1	18	0	19
Tuesday	0	24	0	24	0	28
Wednesday	0	19	3	22	0	19
Thursday	0	18	1	19	0	19
Friday	0	19	1	20	0	19
Saturday	0	18	0	18	0	20
TOTALS	1	131	9	141	1	141

* Property Damage Only

COLLISIONS BY TIME OF DAY

TIME OF DAY	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
12:01am-3:00am	0	7	0	7	0	8
3:01am-6:00am	0	1	0	1	0	1
6:01am-9:00am	0	12	0	12	0	12
9:01am-Noon	0	17	2	19	0	17
12:01pm-3:00pm	1	19	2	22	1	20
3:01pm-6:00pm	0	33	1	34	0	37
6:01pm-9:00pm	0	26	4	30	0	30
9:01pm-Midnight	0	16	0	16	0	16
TOTALS	1	131	9	141	1	141

* Property Damage Only

COLLISIONS BY WHO CONTRIBUTED TO CRASH

UNITS INVOLVED	COLLISION TYPE			Totals
	Fatal	Injury	PDO*	
Moped Driver Contributed	0	80	5	85
Moped Driver Did Not Contribute	1	52	4	57
TOTAL MOPED DRIVERS	1	132	9	142
Other Driver Contributed	1	50	3	54
Other Driver Did Not Contribute	0	46	6	52
TOTAL OTHER DRIVERS	1	96	9	106
TOTALS	2	228	18	248

* Property Damage Only

** Includes all fatalities and injuries in the collision, not just the moped riders.

TRAFFIC COLLISIONS INVOLVING PEDALCYCLES

COLLISIONS BY YEAR

YEAR	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
1996	19	670	156	845	19	712
1997	17	587	27	631	17	626
1998	20	613	16	649	20	635
1999	14	468	16	498	14	498
2000	25	490	21	536	25	524
TOTALS	95	2,828	236	3,159	95	2,995

* Property Damage Only

COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	2	24	3	29	2	25
February	0	34	1	35	0	34
March	0	41	0	41	0	42
April	5	55	3	63	5	65
May	3	58	3	64	3	60
June	1	53	2	56	1	57
July	3	53	0	56	3	57
August	2	43	2	47	2	45
September	3	52	2	57	3	58
October	1	28	2	31	1	29
November	3	27	1	31	3	29
December	2	22	2	26	2	23
TOTALS	25	490	21	536	25	524

* Property Damage Only

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	11	338	15	364	11	355
Dark & Clear/Cloudy	14	129	6	149	14	146
Day & Rain	0	12	0	12	0	12
Dark & Rain	0	11	0	11	0	11
TOTALS	25	490	21	536	25	524

* Property Damage Only

**Includes all fatalities and injuries in the collision not just to pedalcycle riders.

TRAFFIC COLLISIONS INVOLVING PEDALCYCLES

COLLISIONS BY DAY OF WEEK

DAY OF WEEK	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Sunday	2	46	3	51	2	52
Monday	3	63	4	70	3	67
Tuesday	4	73	3	80	4	75
Wednesday	4	64	1	69	4	67
Thursday	3	68	3	74	3	73
Friday	6	80	2	88	6	88
Saturday	3	96	5	104	3	102
TOTALS	25	490	21	536	25	524

* Property Damage Only

COLLISIONS BY TIME OF DAY

TIME OF DAY	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
12:01am-3:00am	0	15	0	15	0	17
3:01am-6:00am	1	7	0	8	1	7
6:01am-9:00am	2	33	2	37	2	36
9:01am-Noon	1	45	1	47	1	47
12:01pm-3:00pm	4	82	6	92	4	87
3:01pm-6:00pm	6	141	6	153	6	145
6:01pm-9:00pm	5	123	6	134	5	134
9:01pm-Midnight	6	44	0	50	6	51
TOTALS	25	490	21	536	25	524

* Property Damage Only

AGE & SEX OF PEDALCYCLISTS

AGE	CASUALTY TYPE						TOTALS	
	Fatality		Non Fatal Injury		Not Injured		Male	Female
	Male	Female	Male	Female	Male	Female		
Under 10	3	2	63	18	0	1	66	21
10-11	0	0	33	6	1	0	34	6
12-15	3	0	84	9	5	0	92	9
16-20	0	0	38	7	2	0	40	7
21-30	1	0	31	8	4	0	36	8
Over 30	16	0	171	31	9	2	196	33
TOTALS	23	2	420	79	21	3	464	84

* Property Damage Only

** Includes all fatalities and injuries in the collision, not just the pedalcycle riders.

TRAFFIC COLLISIONS INVOLVING SCHOOL BUSES

COLLISIONS BY YEAR

YEAR	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
1996	4	135	392	531	8	442
1997	1	152	220	373	1	580
1998	2	115	184	301	2	453
1999	3	103	235	341	4	473
2000	2	113	228	343	3	479
TOTALS	12	618	1,259	1,889	18	2,427

* Property Damage Only

COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	0	12	19	31	0	32
February	1	12	23	36	1	46
March	0	13	31	44	0	95
April	0	6	18	24	0	42
May	0	11	30	41	0	43
June	0	4	1	5	0	7
July	0	3	1	4	0	4
August	0	11	20	31	0	49
September	1	12	21	34	2	58
October	0	13	22	35	0	58
November	0	10	26	36	0	37
December	0	6	16	22	0	8
TOTALS	2	113	228	343	3	479

* Property Damage Only

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	1	91	187	279	2	416
Dark & Clear/Cloudy	1	10	16	27	1	36
Day & Rain	0	8	17	25	0	25
Dark & Rain	0	0	3	3	0	0
Day & Other Weather	0	2	4	6	0	2
Dark & Other Weather	0	2	1	3	0	11
TOTALS	2	113	228	343	3	490

* Property Damage Only

**Includes all fatalities and injuries in the collision, not just to the school bus riders.

TRAFFIC COLLISIONS INVOLVING SCHOOL BUSES

COLLISIONS BY DAY OF WEEK

DAY OF WEEK	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Sunday	0	32	55	87	0	114
Monday	0	24	51	75	0	136
Tuesday	1	20	45	66	1	95
Wednesday	1	21	38	60	2	87
Thursday	0	1	3	4	0	3
Friday	0	0	1	1	0	0
Saturday	0	15	35	50	0	44
TOTALS	2	113	228	343	3	479

* Property Damage Only

COLLISIONS BY TIME OF DAY

TIME OF DAY	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
12:01am-3:00am	0	0	0	0	0	0
3:01am-6:00am	0	0	2	2	0	0
6:01am-9:00am	1	51	86	138	1	280
9:01am-Noon	0	2	14	16	0	7
12:01pm-3:00pm	1	15	46	62	2	34
3:01pm-6:00pm	0	43	77	120	0	152
6:01pm-9:00pm	0	2	3	5	0	6
9:01pm-Midnight	0	0	0	0	0	0
TOTALS	2	113	228	343	3	479

* Property Damage Only

COLLISIONS BY WHO CONTRIBUTED TO CRASH

UNITS INVOLVED	COLLISION TYPE			Totals
	Fatal	Injury	PDO*	
Bus Driver Contributed	1	39	93	133
Bus Driver Did Not Contribute	1	77	137	215
TOTAL SCHOOL BUS DRIVERS	2	116	230	348
Other Driver Contributed	3	72	133	208
Other Driver Did Not Contribute	0	40	90	130
TOTAL OTHER DRIVERS	3	112	223	338
TOTALS	5	228	453	686

* Property Damage Only

**Includes all fatalities and injuries in the collision, not just to the school bus riders.

TRAFFIC COLLISIONS INVOLVING PEDESTRIANS

COLLISIONS BY YEAR

YEAR	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
1996	101	959	108	1,168	107	1,136
1997	103	914	24	1,041	105	1,084
1998	111	906	20	1,037	114	1,064
1999	111	814	21	946	112	951
2000	80	814	26	920	83	970
TOTALS	506	4,407	199	5,112	521	5,205

*Property Damage Only

COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	5	64	1	70	5	73
February	10	55	1	66	12	63
March	7	80	3	90	8	97
April	9	76	2	87	9	100
May	8	67	3	78	8	80
June	4	46	4	54	4	51
July	4	81	1	86	4	96
August	4	82	2	88	4	109
September	8	66	1	75	8	72
October	7	78	4	89	7	90
November	5	73	1	79	5	86
December	9	46	3	58	9	53
TOTALS	80	814	26	920	83	970

*Property Damage Only

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	13	422	9	444	13	509
Dark & Clear/Cloudy	63	322	15	400	65	374
Day & Rain	2	16	0	18	2	25
Dark & Rain	1	40	2	43	1	46
Day & Other Weather	0	8	0	8	0	10
Dark & Other Weather	1	6	0	7	2	6
TOTALS	80	814	26	920	83	970

*Property Damage Only

**Includes all fatalities and injuries in the collision not just pedestrians

TRAFFIC COLLISIONS INVOLVING PEDESTRIANS

ACTION TAKEN BY PEDESTRIAN

ACTION	PEDESTRIANS					
	Killed		Injured		Not Injured	
	No.	%	No.	%	No.	%
Entering or Crossing Specified	1	1.3	51	6.0	1	2.7
Entering or Crossing Roadway	22	27.5	291	34.0	8	21.6
Entering/Crossing in Front/Beh. Veh.	2	2.5	51	6.0	1	2.7
Walking with Traffic	5	6.3	86	10.1	3	8.1
Walking Against Traffic	2	2.5	33	3.9	2	5.4
Approaching or Leaving Vehicle	1	1.3	11	1.3	0	0.0
Pushing or Working on Vehicle	2	2.5	2	0.2	1	2.7
Working in Roadway	1	1.3	9	1.1	0	0.0
Standing	8	10.0	63	7.4	5	13.5
Playing in Roadway	0	0.0	20	2.3	0	0.0
Lying at or in Location Specified	4	5.0	4	0.5	1	2.7
Sitting at or in Location Specified	1	1.3	6	0.7	0	0.0
Other	5	6.3	33	3.9	3	8.1
Not Stated	26	32.5	195	22.8	12	32.4
TOTALS	80	100.0	855	100.0	37	100.0

AGE AND SEX OF PEDESTRIANS

AGE	PEDESTRIANS							
	Killed		Injured		Not Injured		TOTALS	
	Male	Female	Male	Female	Male	Female	Male	Female
Under 5	0	2	31	14	0	1	31	17
5-9	2	1	49	31	1	2	52	34
10-14	2	0	51	29	1	1	54	30
15-19	3	1	58	29	1	1	62	31
20-24	7	0	54	17	4	0	65	17
25-34	5	4	66	48	1	2	72	54
35-44	8	4	102	57	6	0	116	61
45-54	18	4	80	37	7	2	105	43
55-64	7	1	35	18	3	0	45	19
64-74	6	2	17	8	0	0	23	10
75 & Older	1	2	7	9	0	0	8	11
Not Stated	0	0	4	2	3	1	7	3
TOTALS	59	21	554	299	27	10	640	330

TRAFFIC COLLISIONS INVOLVING RAILWAY TRAINS

TEN YEAR SUMMARY

YEAR	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
1991	8	34	56	98	8	48
1992	4	31	67	102	4	39
1993	10	25	46	81	16	36
1994	10	36	38	84	10	56
1995	5	38	57	100	6	50
1996	6	32	48	86	6	62
1997	9	25	36	70	12	30
1998	5	26	40	71	5	36
1999	3	18	35	56	3	28
2000	7	22	40	69	7	30
TOTALS	67	287	463	817	77	415

*Property Damage Only

RAILWAY TRAIN COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	1	1	4	6	1	3
February	2	0	5	7	2	0
March	0	2	5	7	0	2
April	0	1	4	5	0	2
May	0	4	3	7	0	4
June	2	3	2	7	2	8
July	1	2	2	5	1	2
August	1	1	5	7	1	1
September	0	3	2	5	0	3
October	0	1	1	2	0	1
November	0	1	3	4	0	1
December	0	3	4	7	0	3
TOTALS	7	22	40	69	7	30

*Property Damage Only

TRAFFIC COLLISIONS INVOLVING RAILWAY TRAINS

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	6	14	24	44	6	21
Dark & Clear/Cloudy	1	5	12	18	1	6
Day & Rain	0	3	3	6	0	3
Dark & Rain	0	0	1	1	0	0
TOTALS	7	22	40	69	7	30

*Property Damage Only

COLLISIONS BY ROUTE CATEGORY

ROUTE CATEGORY	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Interstate	0	0	0	0	0	0
US Primary	0	1	4	5	0	2
SC Primary	1	3	6	10	1	3
Secondary	6	14	24	44	6	20
County	0	4	6	10	0	5
TOTALS	7	22	40	69	7	30

*Property Damage Only

COLLISIONS BY TRAFFIC CONTROL DEVICE

DEVICE TYPE	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Stop Sign	1	4	4	9	1	6
Stop & Go Signal	0	0	0	0	0	0
Officer or Flagman	0	0	0	0	0	0
RR Crossing Gates/Lights	2	2	9	13	2	2
RR Flashing Lights	1	7	8	16	1	8
Other Regulatory Sign	0	1	4	5	0	1
RR Crossbucks Only	3	7	14	24	3	8
None	0	1	1	2	0	5
TOTALS	7	22	40	69	7	30

*Property Damage Only

TRAFFIC COLLISIONS INVOLVING TRUCK TRACTORS

COLLISIONS BY YEAR

YEAR	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
1996	81	1,032	3,350	4,463	101	1,658
1997	71	1,046	2,668	3,785	77	1,650
1998	99	1,157	2,484	3,740	118	1,841
1999	97	1,107	2,775	3,979	114	1,709
2000	89	1,100	2,821	4,010	105	1,774
TOTALS	437	5,442	14,098	19,977	515	8,632

*Property Damage Only

COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	5	104	292	401	8	160
February	8	107	229	344	9	168
March	12	103	253	368	12	153
April	6	84	217	307	6	140
May	9	90	236	335	10	146
June	6	93	251	350	6	168
July	4	83	217	304	5	135
August	5	100	238	343	7	134
September	7	95	213	315	12	161
October	8	88	240	336	11	150
November	11	82	227	320	11	136
December	8	71	208	287	8	123
TOTALS	89	1,100	2,821	4,010	105	1,774

*Property Damage Only

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	54	753	1,951	2,758	61	1,230
Dark & Clear/Cloudy	24	220	529	773	32	332
Day & Rain	7	75	175	257	8	115
Dark & Rain	2	26	85	113	2	55
Day & Other Weather	0	13	52	65	0	22
Dark & Other Weather	2	13	29	44	2	20
TOTALS	89	1,100	2,821	4,010	105	1,774

*Property Damage Only

**Includes all persons in the collision not just truck tractor riders.

TRAFFIC COLLISIONS INVOLVING TRUCK TRACTORS

TRUCK TRACTOR COLLISIONS BY DAY OF WEEK

DAY OF WEEK	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Sunday	6	38	115	159	6	77
Monday	15	199	504	718	17	302
Tuesday	16	189	505	710	18	290
Wednesday	13	177	499	689	15	283
Thursday	15	238	511	764	17	385
Friday	17	188	530	735	20	304
Saturday	7	71	157	235	12	133
TOTALS	89	1,100	2,821	4,010	105	1,774

*Property Damage Only

TRUCK TRACTOR UNITS BY ATTACHMENT TYPES**

ATTACHMENT TYPE	COLLISION TYPE			TOTAL	
	Fatal	Injury	PDO*	Number	Percent
None	18	184	563	765	18.1%
Mobile Home	0	12	30	42	1.0%
Semi-Trailer	41	665	1,761	2,467	58.3%
Utility Trailer	0	20	39	59	1.4%
Farm Trailer	0	2	6	8	0.2%
Trailer with Boat	2	9	19	30	0.7%
Camper Trailer	0	0	1	1	0.0%
Towed Motor Vehicle	0	1	5	6	0.1%
Petroleum Tanker	3	20	37	60	1.4%
Lowboy Trailer	0	16	55	71	1.7%
Auto Carrier Trailer	0	9	29	38	0.9%
Other Tanker	8	26	50	84	2.0%
Flat Bed	16	85	172	273	6.5%
Other	6	64	127	197	4.7%
Twin Trailers	4	7	31	42	1.0%
Container	3	31	55	89	2.1%
TOTALS	101	1,151	2,980	4,232	100.0%

*Property Damage Only

**Figures are for each individual truck involved in collisions, therefore the totals are greater than the total number of collisions indicated in other tables.

TRAFFIC COLLISIONS INVOLVING VANS***

COLLISIONS BY YEAR

YEAR	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
1996	55	2,934	8,055	11,044	66	5,771
1997	60	3,133	6,619	9,812	68	6,144
1998	74	3,266	6,787	10,127	81	6,350
1999	62	3,434	7,487	10,983	81	6,449
2000	81	3,150	7,593	10,824	99	5,888
TOTALS	332	15,917	36,541	52,790	395	30,602

* Property Damage Only

COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	9	234	616	859	10	452
February	4	225	550	779	8	439
March	8	291	626	925	8	525
April	7	267	648	922	7	506
May	9	285	610	904	12	556
June	8	257	694	959	9	485
July	7	265	647	919	7	467
August	6	285	669	960	7	544
September	7	288	630	925	9	519
October	6	265	680	951	6	476
November	6	250	598	854	12	461
December	4	238	625	867	4	458
TOTALS	81	3,150	7,593	10,824	99	5,888

* Property Damage Only

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	43	2,215	5,482	7,740	51	4,090
Dark & Clear/Cloudy	25	541	1,223	1,789	30	1,029
Day & Rain	7	254	583	844	8	451
Dark & Rain	3	92	191	286	5	203
Day & Other Weather	0	25	67	92	0	53
Dark & Other Weather	3	23	47	73	5	62
TOTALS	81	3,150	7,593	10,824	99	5,888

* Property Damage Only

** Includes all fatalities and injuries in the collision, not just to the van riders.

*** Includes both full size and mini-vans.

TRAFFIC COLLISIONS INVOLVING VANS***

COLLISIONS BY DAY OF WEEK

DAY OF WEEK	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Sunday	19	294	607	920	21	638
Monday	8	488	1,127	1,623	8	819
Tuesday	13	439	1,173	1,625	17	779
Wednesday	13	460	1,140	1,613	15	869
Thursday	7	479	1,137	1,623	9	902
Friday	10	583	1,399	1,992	12	1,038
Saturday	11	407	1,010	1,428	17	843
TOTALS	81	3,150	7,593	10,824	99	5,888

* Property Damage Only

COLLISIONS BY TIME OF DAY

TIME OF DAY	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
12:01am-3:00am	4	78	183	265	4	126
3:01am-6:00am	7	50	124	181	10	79
6:01am-9:00am	3	389	1,067	1,459	3	675
9:01am-Noon	11	458	1,154	1,623	14	861
12:01pm-3:00pm	15	689	1,645	2,349	16	1,227
3:01pm-6:00pm	16	888	2,103	3,007	20	1,680
6:01pm-9:00pm	17	410	926	1,353	24	866
9:01pm-Midnight	8	188	391	587	8	374
TOTALS	81	3,150	7,593	10,824	99	5,888

* Property Damage Only

COLLISIONS BY WHO CONTRIBUTED TO CRASH

UNITS INVOLVED	COLLISION TYPE			Totals
	Fatal	Injury	PDO*	
Van Driver Contributed	55	1,580	3,732	5,367
Van Driver Did Not Contribute	29	1,731	4,246	6,006
TOTAL VAN DRIVERS	84	3,311	7,978	11,373
Other Driver Contributed	26	1,560	3,647	5,233
Other Driver Did Not Contribute	37	1,922	3,780	5,739
TOTAL OTHER DRIVERS	63	3,482	7,427	10,972
TOTALS	147	6,793	15,405	22,345

* Property Damage Only

** Includes all fatalities and injuries in the collision, not just to the van riders.

*** Includes both full size and mini-vans.

TRAFFIC COLLISIONS INVOLVING PICKUP TRUCKS

COLLISIONS BY YEAR

YEAR	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
1996	226	8,648	23,962	32,836	258	14,342
1997	178	8,851	19,381	28,410	197	14,952
1998	212	8,655	19,265	28,132	229	14,467
1999	232	8,715	20,992	29,939	254	14,381
2000	231	8,532	20,698	29,461	251	13,918
TOTALS	1,079	43,401	104,298	148,778	1,189	72,060

* Property Damage Only

COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	20	744	1,882	2,646	20	1,210
February	10	610	1,483	2,103	10	985
March	28	793	1,758	2,579	34	1,277
April	19	744	1,724	2,487	21	1,181
May	21	747	1,687	2,455	23	1,229
June	23	748	1,726	2,497	23	1,247
July	19	676	1,593	2,288	20	1,130
August	14	741	1,733	2,488	15	1,185
September	18	711	1,745	2,474	18	1,177
October	18	709	1,848	2,575	21	1,172
November	25	657	1,759	2,441	26	1,061
December	16	652	1,760	2,428	20	1,064
TOTALS	231	8,532	20,698	29,461	251	13,918

* Property Damage Only

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	111	5,493	13,884	19,488	124	8,998
Dark & Clear/Cloudy	92	1,871	3,876	5,839	99	2,982
Day & Rain	12	657	1,736	2,405	12	1,120
Dark & Rain	10	336	727	1,073	10	529
Day & Other Weather	3	80	267	350	3	139
Dark & Other Weather	3	95	208	306	3	150
TOTALS	231	8,532	20,698	29,461	251	13,918

* Property Damage Only

**Includes all fatalities and injuries in the collision not just pickup riders

TRAFFIC COLLISIONS INVOLVING PICKUP TRUCKS

AGE AND SEX OF PICKUP DRIVERS**

DRIVER AGE	COLLISION TYPE & DRIVER SEX							
	Fatal		Injury		PDO*		TOTALS	
	Male	Female	Male	Female	Male	Female	Male	Female
0-14	0	0	17	8	65	10	82	18
15-19	21	1	867	130	2,103	333	2,991	464
20-24	15	3	929	156	2,218	345	3,162	504
25-34	47	7	1,636	318	4,030	670	5,713	995
35-44	40	6	1,742	343	4,019	692	5,801	1,041
45-54	41	2	1,270	206	3,278	454	4,589	662
55-64	25	3	745	101	1,967	188	2,737	292
64-74	18	2	440	39	1,115	84	1,573	125
75 & Older	8	2	218	14	491	32	717	48
Unknown	2	0	32	1	94	7	128	8
TOTALS	217	26	7,896	1,316	19,380	2,815	27,493	4,157

*Property Damage Only

**Totals do not include unknown drivers (such as hit and run collisions), parked cars or driverless vehicles.

AGE AND SEX OF PICKUP BED VICTIMS@

VICTIM AGE	INJURY SEVERITY & VICTIM SEX							
	Killed		Injured		Not Injured		TOTALS	
	Male	Female	Male	Female	Male	Female	Male	Female
0-14	1	0	16	5	33	21	50	26
15-19	0	0	14	8	35	11	49	19
20-24	0	0	10	3	24	3	34	6
25-34	0	0	13	2	13	1	26	3
35-44	2	0	3	1	11	1	16	2
45-54	0	0	7	1	8	3	15	4
55-64	0	0	3	0	2	0	5	0
64-74	0	0	0	0	0	0	0	0
75 & Older	0	0	2	1	4	1	6	2
Not Stated		0	0	2	0	1	0	3
TOTALS	3	0	68	23	130	42	201	65

@Includes occupants seated in pickup beds, covered and uncovered, plus occupants seated in any other area on the outside of the pickup.