

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 2003:

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 2003 was "Speeding less than 10 miles over the limit".

B. Time

- ◆ More than 40% of fatal collisions occurred between the hours of 9:01 p.m. and 6:00 a.m.
- ◆ The months of October, May and September had the most fatal collisions, 95, 94, and 92 respectively. October also had the most traffic fatalities (101) in 2003.
- ◆ 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.
- ◆ Nearly 1 out of 11 *fatal* collisions occurred on interstates. More than 1 out of every 2 ½ *fatal* crashes occur on secondary routes.

D. Environment

- ◆ Almost 83% of all traffic collisions occurred during clear or cloudy weather conditions.
- ◆ More than 78% of all collisions occurred on a dry road surface.

E. Vehicles

- ◆ Automobiles made up over 58% of all units involved in traffic collisions during 2003.
- ◆ A total of 4.9% of the traffic collisions involving railway trains, 8.6% involving pedestrians, 5.8% involving motorcycles, 2.7% involving bicycles, 1.7% involving mopeds and 1.6% involving truck tractors resulted in fatalities.

A. The Driver

Numerous decisions are required of drivers while operating a motor vehicle. All too often, poor judgement, inattention or carelessness on the part of a driver results in a dangerous driving decision, which leads to a traffic collision. The primary contributing factor in over 90% of all reported traffic crashes was driver-related in 2003. 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 2003 are as follows:

<u>Violation</u>	<u>Amount</u>	<u>%</u>
1. Speeding < 10 MPH Over Speed Limit	23,616	31.4
2. Failure to Yield Right of Way	14,086	18.7
3. Driving Under the Influence	3,977	5.3
4. Driver's License Violation	3,825	5.1
5. Disregarded Sign Signal	3,216	4.3
6. Following Too Close	3,028	4.0
7. Changing Lanes Unlawfully	2,543	3.4
8. Uninsured	1,767	2.4
9. Driving Under Suspension	1,758	2.3
10. Improper Turning	1,441	1.9
<u>11. Other Violations</u>	<u>15,862</u>	<u>21.1</u>
Total	75,119	100

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 1 out of every 8 (13%) of all licensed male drivers between the ages of 15 and 24 years of age was involved in a traffic collision in 2003. Also 1 in 9 (9%) of the female drivers in the same age group were involved in collisions. For the entire licensed population, approximately one out of every 15 drivers was involved in a collision during the year. **More than 68% of the drivers in fatal crashes were male.**

LICENSED DRIVERS BY AGE AND SEX*

AGE	MALE	%	FEMALE	%	TOTAL	%
14**	64	0.0	6	0.0	70	0.0
15	13,157	0.4	12,849	0.4	26,006	0.9
16	18,283	0.6	18,553	0.6	36,836	1.2
17	21,311	0.7	20,827	0.7	42,138	1.4
18	23,660	0.8	23,226	0.8	46,886	1.6
19	24,308	0.8	24,468	0.8	48,776	1.6
20	24,828	0.8	25,319	0.8	50,147	1.7
21	25,102	0.8	26,405	0.9	51,507	1.7
22	25,474	0.9	27,079	0.9	52,553	1.8
23	26,052	0.9	28,061	0.9	54,113	1.8
24	26,080	0.9	27,965	0.9	54,045	1.8
25-29	126,127	4.2	133,182	4.5	259,309	8.7
30-34	134,362	4.5	142,643	4.8	277,005	9.3
35-39	133,756	4.5	143,639	4.8	277,395	9.3
40-44	143,373	4.8	155,366	5.2	298,739	10.0
45-49	138,080	4.6	151,560	5.1	289,640	9.7
50-54	127,127	4.3	139,874	4.7	267,001	9.0
55-59	115,789	3.9	123,094	4.1	238,883	8.0
60-64	90,745	3.0	95,236	3.2	185,981	6.2
65-69	69,143	2.3	73,511	2.5	142,654	4.8
70-74	54,134	1.8	58,735	2.0	112,869	3.8
75-79	40,431	1.4	46,683	1.6	87,114	2.9
80-84	24,950	0.8	30,424	1.0	55,374	1.9
85 & Over	12,659	0.4	15,126	0.5	27,785	0.9
OTHER AND UNKNOWN	50		50		100	
TOTAL	1,439,045	48.2	1,543,881	51.8	2,982,926	100.0

*As of 4-08-2004

**Moped License Only

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

TOTAL COLLISION DRIVERS				
AGE	FEMALE	MALE	UNKNOWN	TOTAL
<15	17	42	0	59
15 to 19	11,774	14,003	1	25,778
20 to 24	12,613	15,680	1	28,294
25 to 29	9,148	11,445	1	20,594
30 to 34	8,704	10,704	1	19,409
35 to 39	8,039	10,035	1	18,075
40 to 44	7,531	9,878	0	17,409
45 to 49	6,647	8,718	1	15,366
50 to 54	5,468	7,447	3	12,918
55 to 59	4,263	6,105	0	10,368
60 to 64	2,956	4,463	1	7,420
65 to 69	2,173	3,062	1	5,236
70 to 74	1,756	2,476	0	4,232
75 to 79	1,375	1,889	0	3,264
80 to 84	882	1,150	0	2,032
85 & Older	336	526	1	863
UNKNOWN*	235	1,035	8,829	10,099
TOTALS	83,917	108,658	8,841	201,416

FATAL COLLISION DRIVERS				
AGE	FEMALE	MALE	UNKNOWN	TOTAL
<15	1	3	0	4
15 to 19	56	89	0	145
20 to 24	45	120	0	165
25 to 29	33	114	0	147
30 to 34	39	102	0	141
35 to 39	31	105	0	136
40 to 44	48	92	0	140
45 to 49	41	67	0	108
50 to 54	25	67	0	92
55 to 59	16	54	0	70
60 to 64	15	40	0	55
65 to 69	9	23	0	32
70 to 74	11	23	0	34
75 to 79	13	15	0	28
80 to 84	6	12	0	18
85 & Older	6	12	0	18
UNKNOWN*	0	5	40	45
TOTALS	395	943	40	1,378

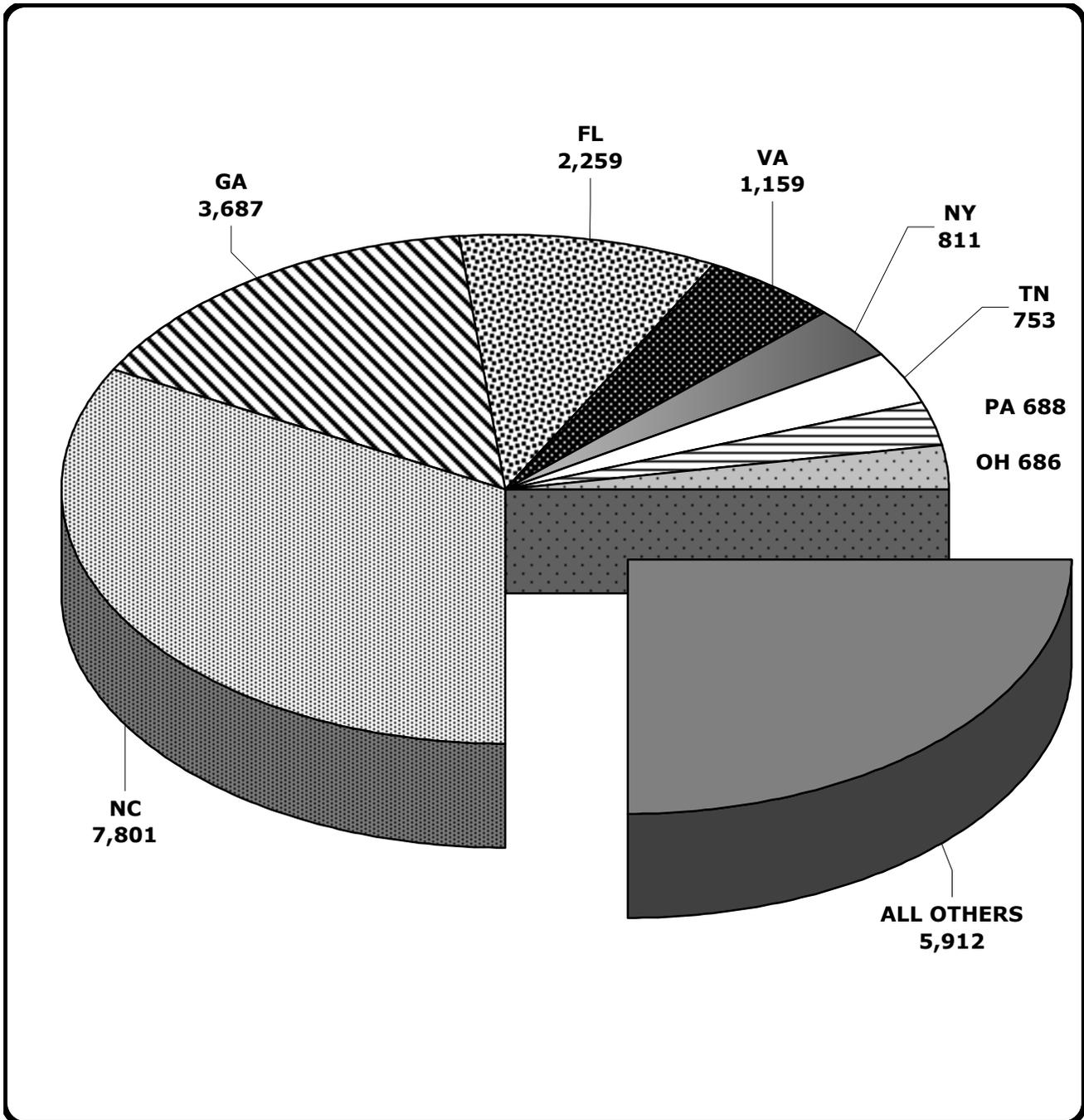
INJURY COLLISION DRIVERS				
AGE	FEMALE	MALE	UNKNOWN	TOTAL
<15	13	30	0	43
15 to 19	3,586	3,931	0	7,517
20 to 24	3,878	4,594	0	8,472
25 to 29	2,841	3,314	0	6,155
30 to 34	2,753	3,033	1	5,787
35 to 39	2,529	2,897	1	5,427
40 to 44	2,296	2,857	0	5,153
45 to 49	2,086	2,631	1	4,718
50 to 54	1,743	2,158	0	3,901
55 to 59	1,383	1,725	0	3,108
60 to 64	898	1,240	0	2,138
65 to 69	693	827	0	1,520
70 to 74	514	689	0	1,203
75 to 79	399	582	0	981
80 to 84	269	350	0	619
85 & Older	92	156	0	248
UNKNOWN*	84	312	1,821	2,217
TOTALS	26,057	31,326	1,824	59,207

PROPERTY DAMAGE ONLY COLLISION DRIVERS				
AGE	FEMALE	MALE	UNKNOWN	TOTAL
<15	3	9	0	12
15 to 19	8,132	9,983	1	18,116
20 to 24	8,690	10,966	1	19,657
25 to 29	6,274	8,017	1	14,292
30 to 34	5,912	7,569	0	13,481
35 to 39	5,479	7,033	0	12,512
40 to 44	5,187	6,929	0	12,116
45 to 49	4,520	6,020	0	10,540
50 to 54	3,700	5,222	3	8,925
55 to 59	2,864	4,326	0	7,190
60 to 64	2,043	3,183	1	5,227
65 to 69	1,471	2,212	1	3,684
70 to 74	1,231	1,764	0	2,995
75 to 79	963	1,292	0	2,255
80 to 84	607	788	0	1,395
85 & Older	238	358	1	597
UNKNOWN*	151	718	6,968	7,837
TOTALS	57,465	76,389	6,977	140,831

* Includes drivers whose age and/or sex were not recorded on the report, hit and run vehicles for which driver infor and parked vehicles with no driver.

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

OUT OF STATE DRIVERS INVOLVED IN TRAFFIC COLLISIONS*

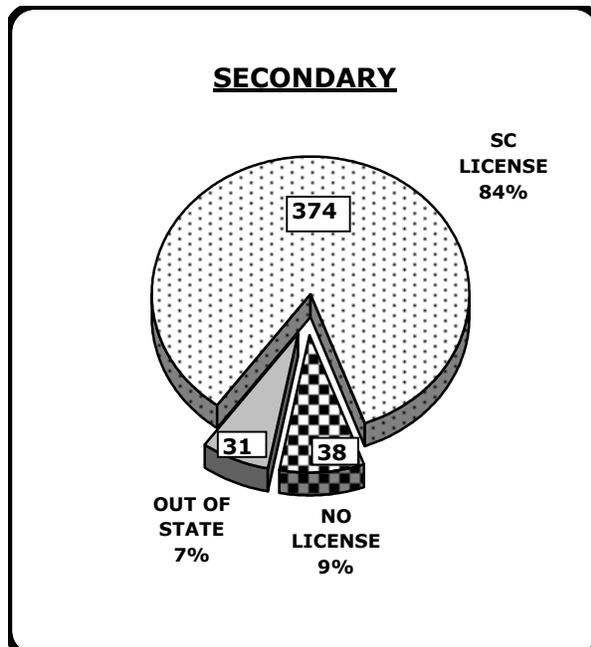
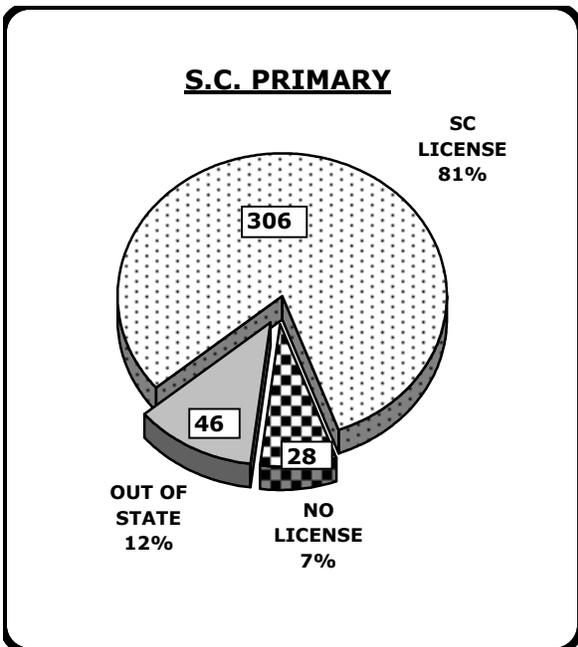
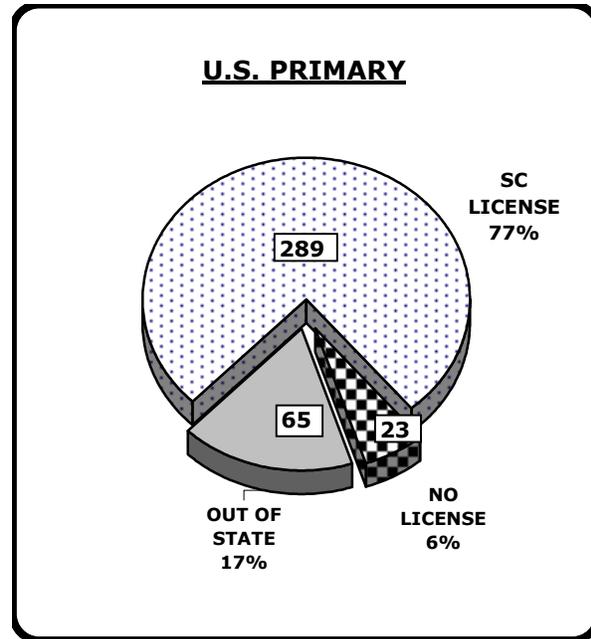
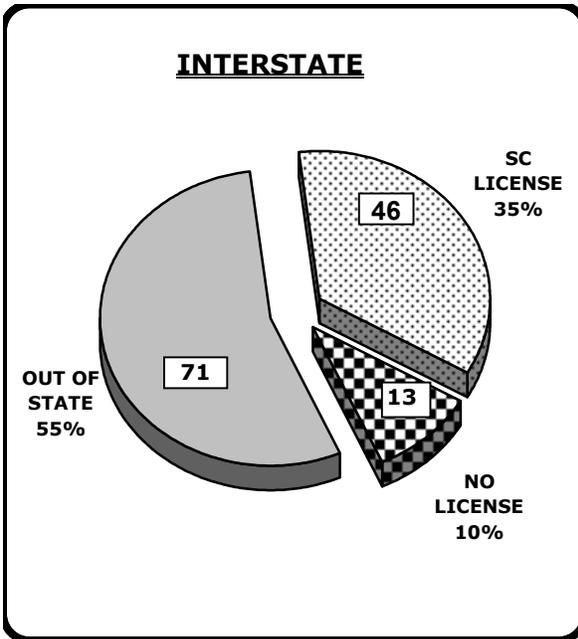


SOUTH CAROLINA DRIVERS TOTALED 163,206

* Figures only represent drivers of any motor vehicle requiring a valid driver's license. There were 14,449 drivers that did not present a valid driver's license at the time of the crash.

DRIVERS INVOLVED IN FATAL COLLISIONS

BY LICENSE STATE

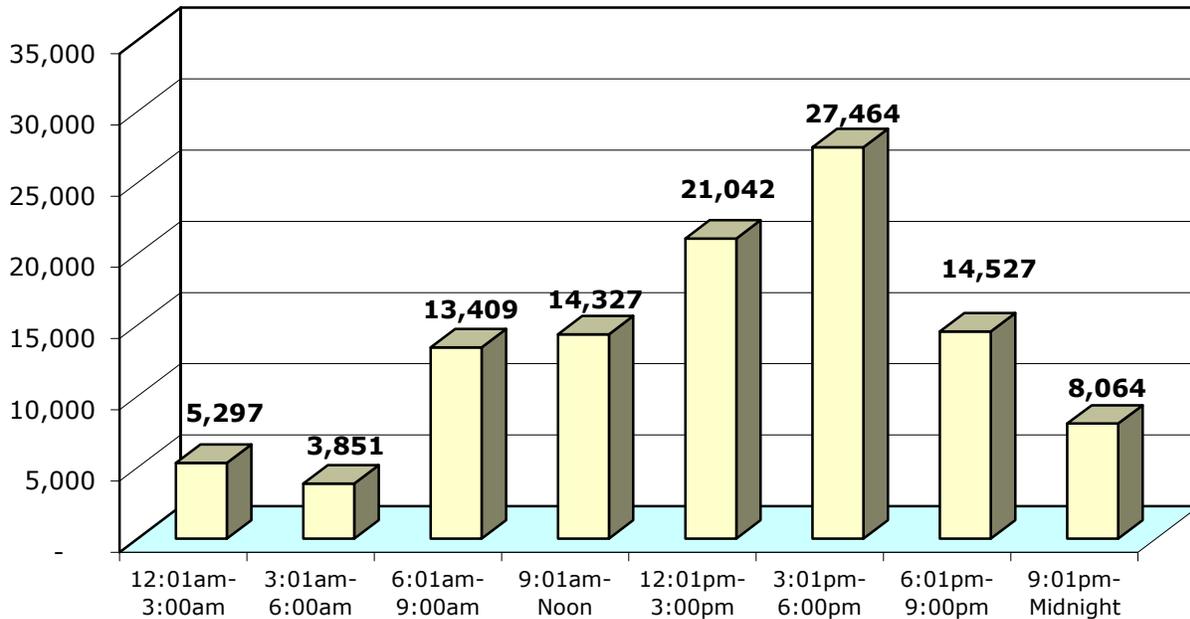


B. Time

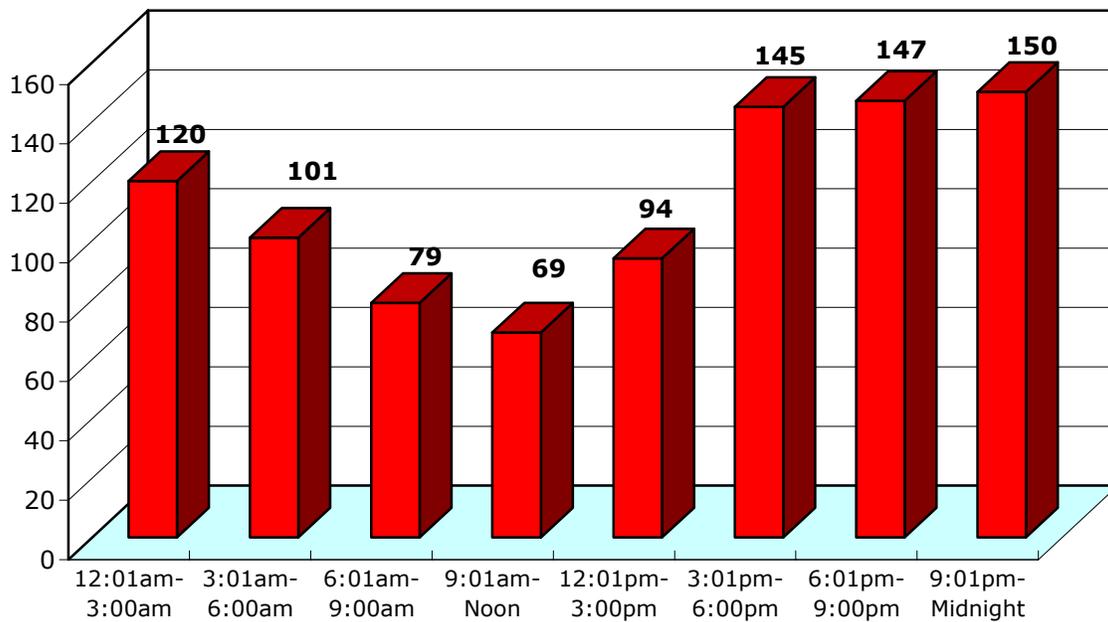
The frequency of traffic collisions is affected by the settings of the clock and calendar. The concentration of traffic, for example, is heavier at certain times of the day, days of the week and month. Travel is also affected by holidays and by special events such as football games. In addition to travel, driver attitudes, vision and behavior are influenced by time factors. Weather and time of year. On the following pages, statistics are presented which indicate observable time variables. Some of the important observations in the 2003 data are as follows.

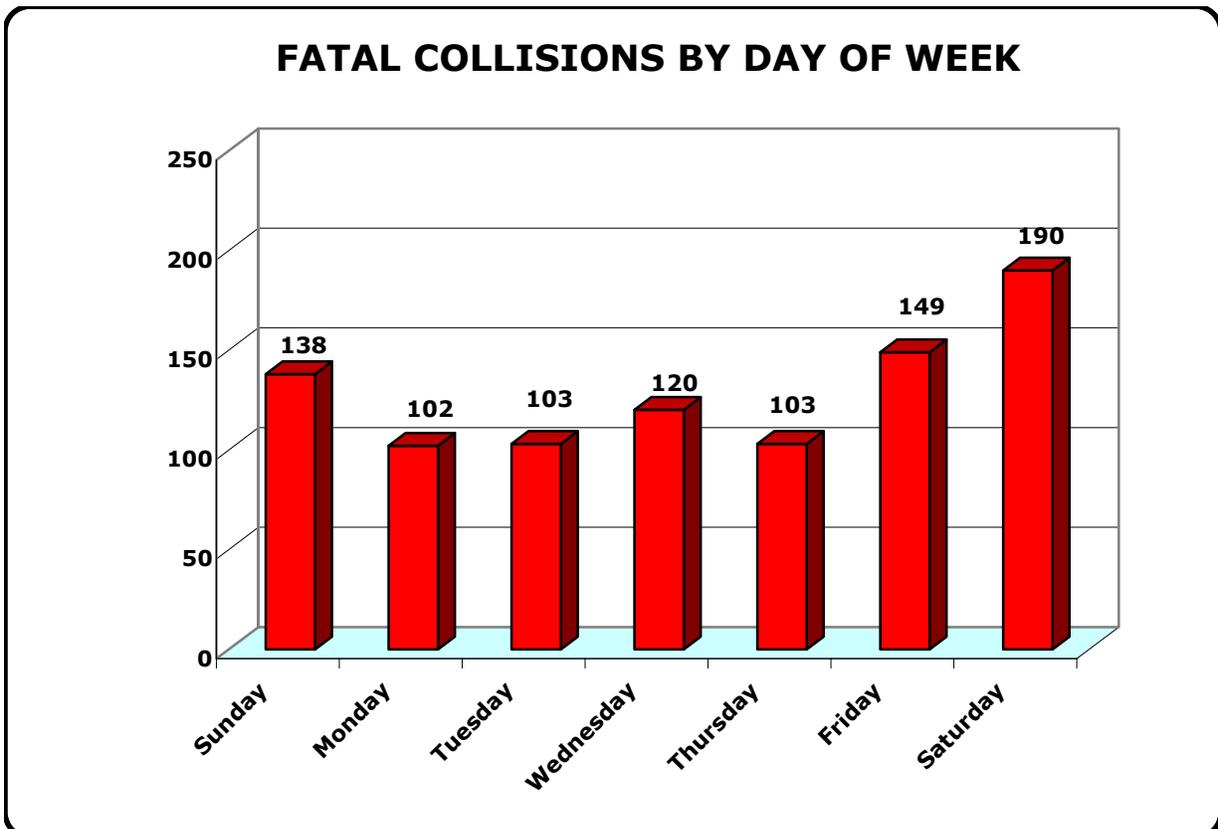
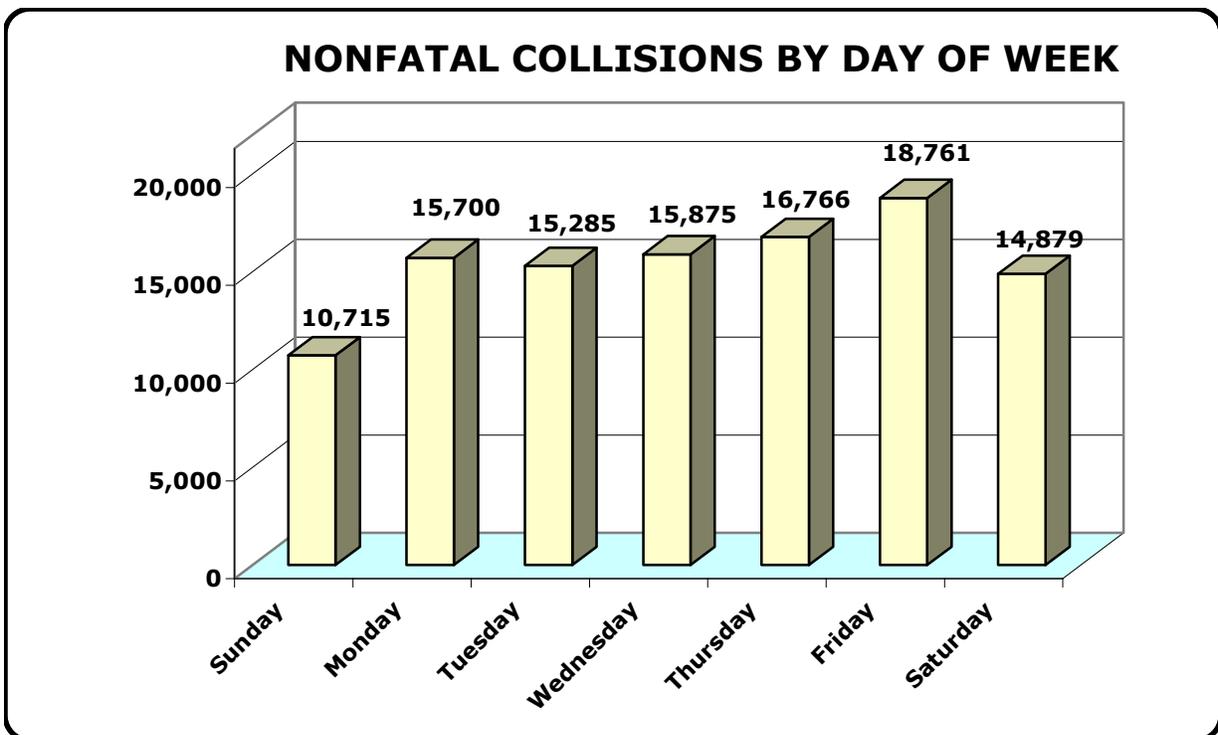
- ◆ More traffic deaths occurred on the three weekend days (Friday, Saturday, Sunday - 514), than on the four weekdays (Monday, Tuesday, Wednesday, Thursday - 455).
- ◆ Property Damage Only collisions are much more likely to occur during daylight hours. More than 71% of the collisions that have no injuries or fatalities occurred between 6:01 am and 6:00 pm.
- ◆ In contrast to the Property Damage Only collisions, fatal collisions occurred more frequently in the nighttime hours between 6:01 pm and 6:00 am. Approximately 57% 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 18,910 collisions during 2003, accounting for more than 17.4% of the total. No other day of the week experienced as many as 17,000 collisions. The fewest traffic collisions were reported on Sundays with 10,853 or 10.0%.
- ◆ As in past years, more fatal collisions were reported on Saturday (190) than any other day. This accounted for about 20.0% of all fatal collisions and resulted in the deaths of 202 persons. The fewest number of fatal collisions occurred on Monday with 102, resulting in 111 fatalities. This represents the fifth year in a row that all seven days of the week experienced at least 95 fatal collisions.
- ◆ October was the leading month for all collisions in 2003, with 10,051. The leading month for fatal collisions was October with 95 collisions. October had the most fatalities with 101. January had the fewest fatal collisions with 44. January also had the fewest fatalities with 46.

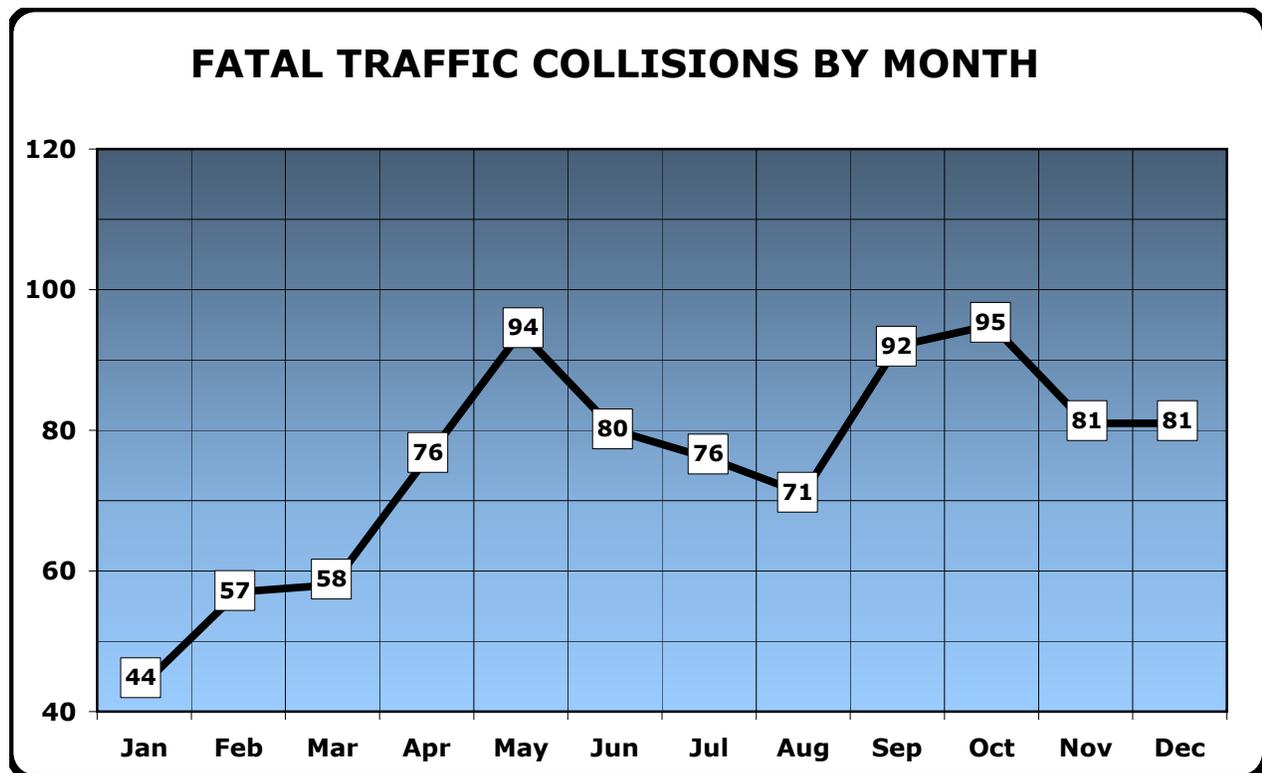
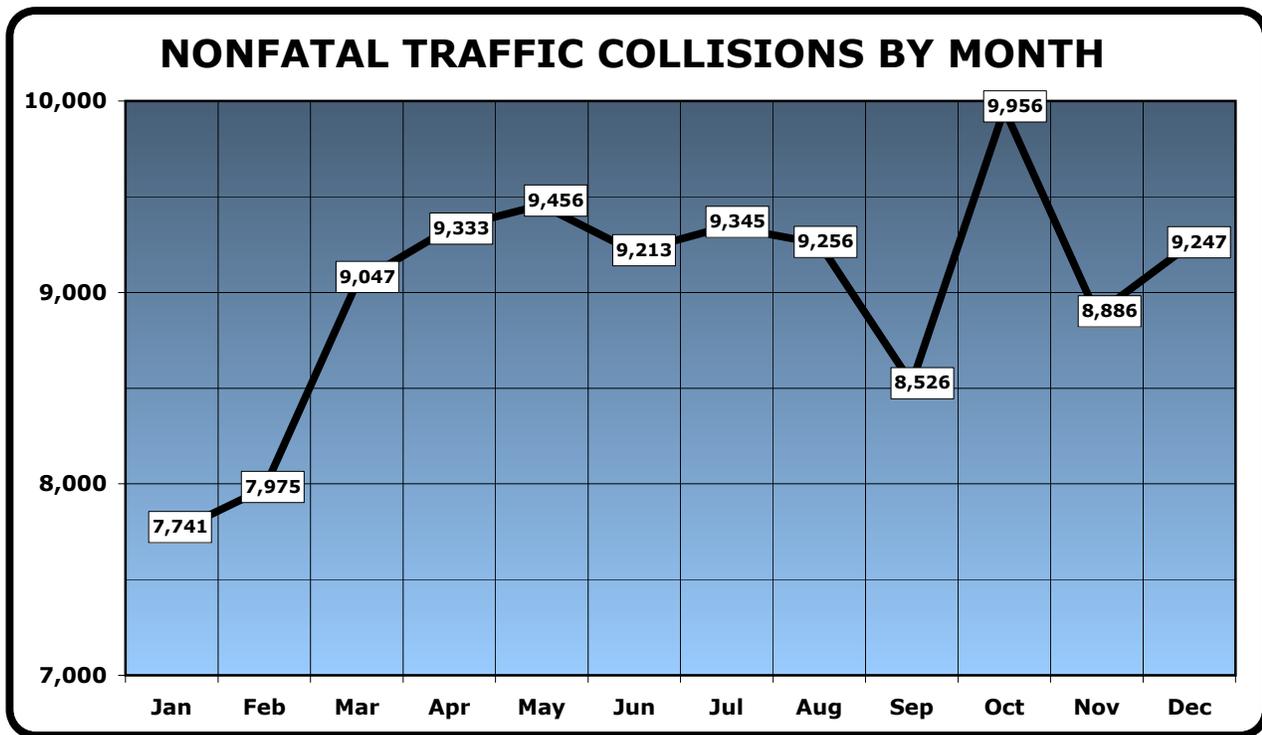
NON-FATAL COLLISIONS BY TIME OF DAY



FATAL COLLISIONS BY TIME OF DAY







TRAFFIC COLLISIONS BY TIME OF DAY

TIME OF DAY	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
12:01am-3:00am	120	1,773	3,524	5,417	130	2,609
3:01am-6:00am	101	1,286	2,565	3,952	107	1,824
6:01am-9:00am	79	3,707	9,702	13,488	84	5,476
9:01am-Noon	69	4,075	10,252	14,396	73	6,349
12:01pm-3:00pm	94	6,077	14,965	21,136	100	9,660
3:01pm-6:00pm	145	7,997	19,467	27,609	151	13,083
6:01pm-9:00pm	147	4,687	9,840	14,674	158	7,797
9:01pm-Midnight	150	2,781	5,283	8,214	166	4,469
TOTALS	905	32,383	75,598	108,886	969	51,267

TRAFFIC COLLISIONS BY DAY OF WEEK

DAY OF WEEK	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Sunday	138	3,536	7,179	10,853	151	5,888
Monday	102	4,626	11,074	15,802	111	7,149
Tuesday	103	4,493	10,792	15,388	106	6,993
Wednesday	120	4,683	11,192	15,995	128	7,343
Thursday	103	4,754	12,012	16,869	110	7,350
Friday	149	5,549	13,212	18,910	161	8,776
Saturday	190	4,742	10,137	15,069	202	7,768
TOTALS	905	32,383	75,598	108,886	969	51,267

TRAFFIC COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	44	2,253	5,488	7,785	46	3,463
February	57	2,276	5,699	8,032	60	3,636
March	58	2,633	6,414	9,105	64	4,184
April	76	2,860	6,473	9,409	85	4,531
May	94	3,059	6,397	9,550	100	4,802
June	80	2,795	6,418	9,293	83	4,375
July	76	2,781	6,564	9,421	80	4,455
August	71	2,793	6,463	9,327	76	4,593
September	92	2,563	5,963	8,618	99	3,955
October	95	3,034	6,922	10,051	101	4,809
November	81	2,701	6,185	8,967	86	4,272
December	81	2,635	6,612	9,328	89	4,192
TOTALS	905	32,383	75,598	108,886	969	51,267

*Property Damage Only

**PERSONS KILLED AND FATAL COLLISIONS
FOR SELECTED HOLIDAY PERIODS 1994-2003**

Holiday & Years	Time Beginning	Days & Dates	Hours	Actual Holiday	Persons Killed	Fatal Collisions
Memorial Day						
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.	05/26-05/29	78	Mon	10	10
2001	6 p.m.	05/25-05/28	78	Mon	7	7
2002	6 p.m.	05/24-05/27	78	Mon	12	10
2003	6 p.m.	05/23-05/26	78	Mon	15	15
Fourth of July						
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	21	20
2001	6 p.m.	07/03-07-04	30	Wed	4	4
2002	6 p.m.	07/03-07/07	102	Thur	22	20
2003	6 p.m.	07/03-07/06	78	Fri	8	8
Labor Day						
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.	09/01-09/04	78	Mon	10	10
2001	6 p.m.	08/31-09/03	78	Mon	14	14
2002	6 p.m.	08/30-09/02	78	Mon	11	10
2003	6 p.m.	08/29-09/01	78	Mon	8	8

PERSONS KILLED AND FATAL COLLISIONS FOR SELECTED HOLIDAY PERIODS 1993-2003

Holiday & Years	Time Beginning	Days & Dates	Hours	Actual Holiday	Persons Killed	Fatal Collisions
Thanksgiving						
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	8	6
2001	6 p.m.	11/21-11/25	102	Thur	16	12
2002	6 p.m.	11/28-12/01	102	Thur	9	8
2003	6 p.m.	11/26-11/30	102	Thur	10	10
Christmas						
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	Mon	9	9
2001	6 p.m.	12/21-12/25	102	Tue	12	11
2002	6 p.m.	12/24-12/25	30	Wed	2	2
2003	6 p.m.	12/24-12/28	102	Thur	13	11
New Years						
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	15	11
2001	6 p.m.	12/28/01-01/01/02	102	Tue	10	9
2002	6 p.m.	12/31/02-01/01/03	30	Wed	4	4
2003	6 p.m.	12/31/03-01/04/04	102	Thur	16	13

TRAFFIC FATALITY CALENDAR

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

Monthly Total 46

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

Monthly Total 60

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

Monthly Total 64

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

Monthly Total 85

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

Monthly Total 100

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

Monthly Total 83

TRAFFIC FATALITY CALENDAR

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

Monthly Total 80

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

Monthly Total 76

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

Monthly Total 99

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

Monthly Total 101

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

Monthly Total 86

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

Monthly Total 89

C. Location

No area of South Carolina was immune from traffic collisions in 2003. Every county experienced the tragedy of at least one fatal traffic collision during the year. Five of the state's 46 counties had at least 40 traffic fatalities during 2003. 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.

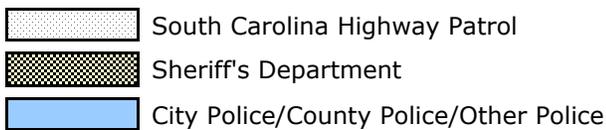
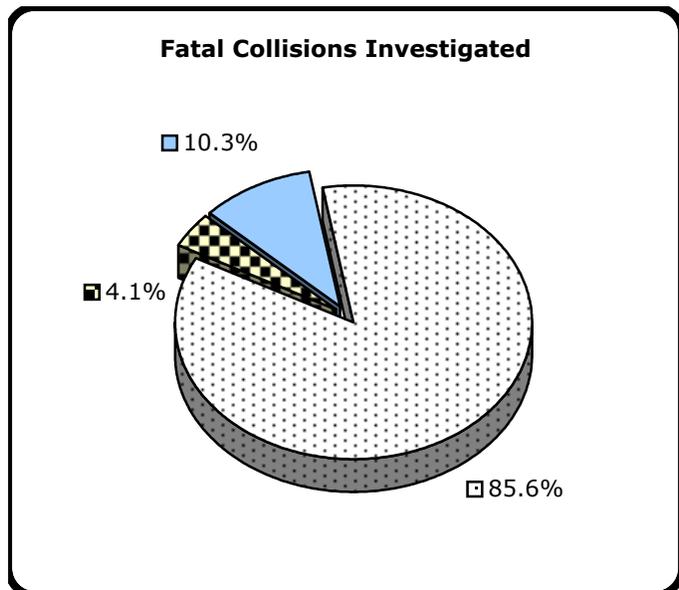
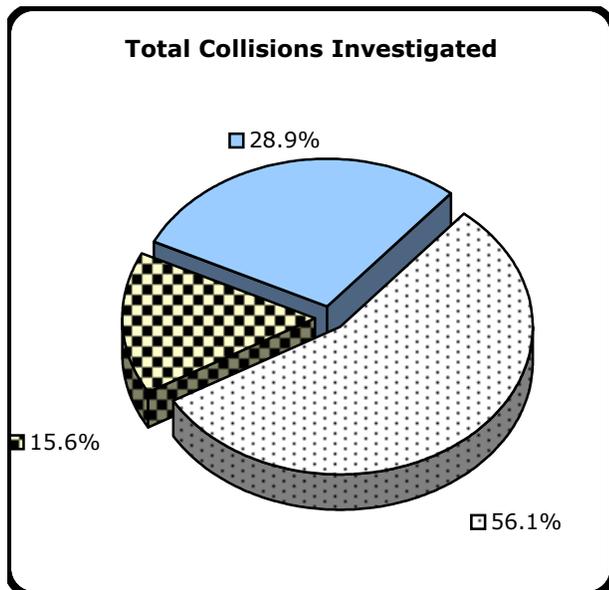
- ◆ In 2003, Charleston County had the most total traffic collisions (12,273), injury collisions (3,593) and non-fatal injuries (5,486). Horry County had the most fatal collisions (72) and Charleston had the most property damage only collisions (8,651). Horry also had the most fatalities (75).
- ◆ A total of 60,473 collisions were investigated by the South Carolina Highway Patrol. This represents 55.5% of all traffic collisions in South Carolina for 2003. The Highway Patrol investigated an even greater proportion of the fatal crashes – 85.6%.
- ◆ In 2003, Secondary and US Primary routes had the most traffic collisions. Respectively, they had 32.2% and 28.0% of the reported total. SC Primary routes were next, accounting for 21.4% of the total collisions.
- ◆ The Secondary routes accounted for the largest percentage (37.7%) of fatal collisions. The 341 fatal collisions that occurred on Secondary routes represent more than four times the number of fatal collisions (85) reported on South Carolina's Interstates.
- ◆ A total of 10,647 collisions occurred on the interstates. This was about 9.8% of the total reported traffic collisions for the year.

COLLISIONS INVESTIGATED BY AGENCY TYPE

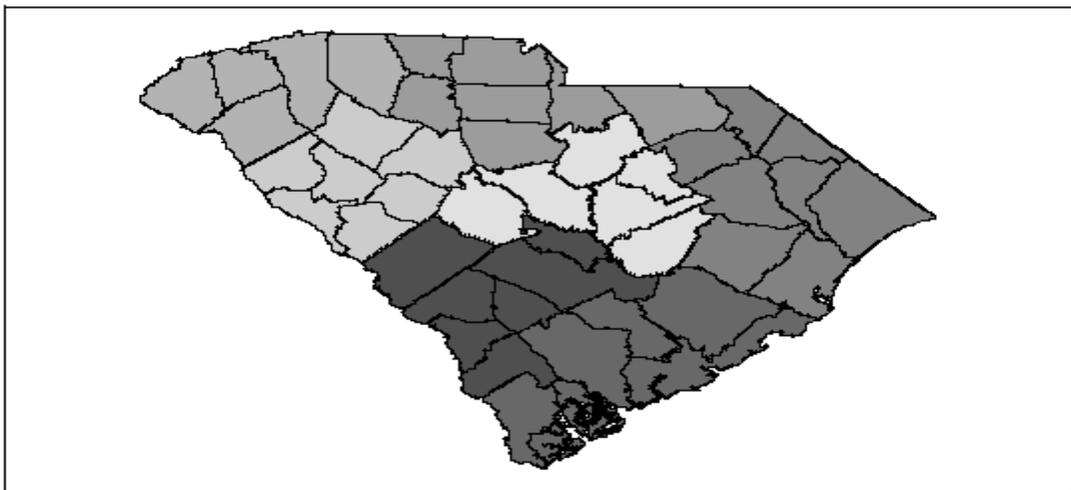
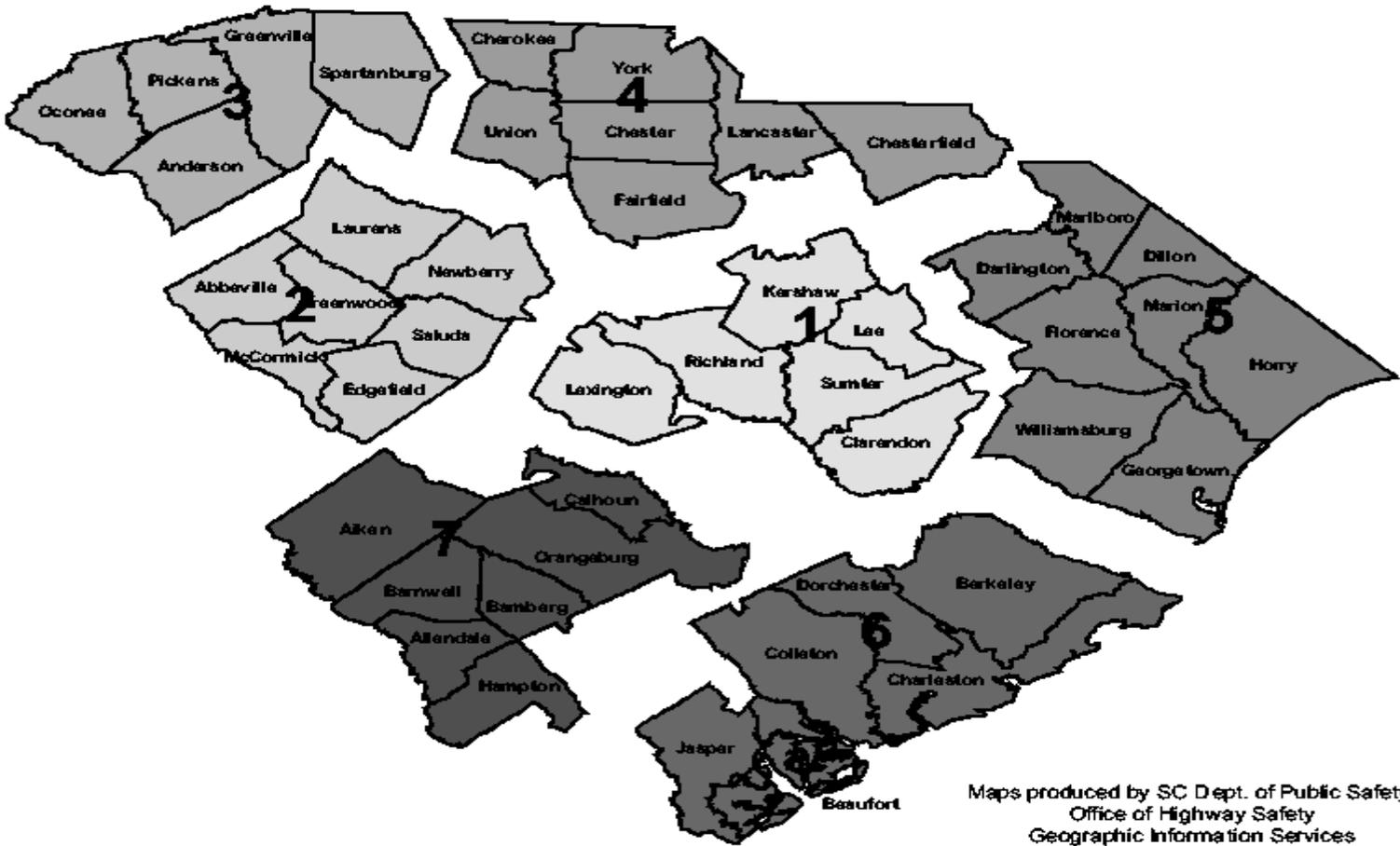
AGENCY TYPE	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
SOUTH CAROLINA HIGHWAY PATROL	775	17,725	41,973	60,473	835	27,763
SHERIFF'S DEPARTMENT	37	5,049	11,907	16,993	40	7,842
CITY/COUNTY POLICE/OTHER POLICE**	93	9,609	21,718	31,420	94	15,662
TOTALS	905	32,383	75,598	108,886	969	51,267

* Property Damage Only

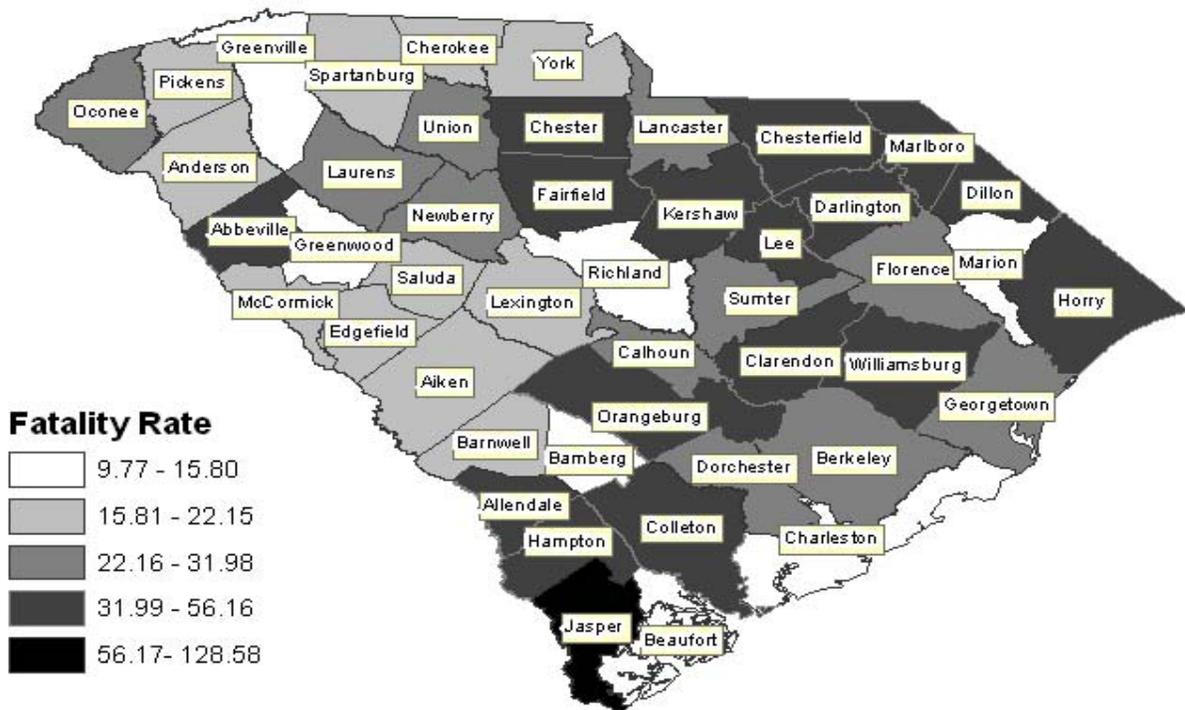
**Includes Federal or Military Police, Public Utility/Service Commissions, Other Police Agencies, Non-Law Enforcement Agencies, and Agencies Not Stated



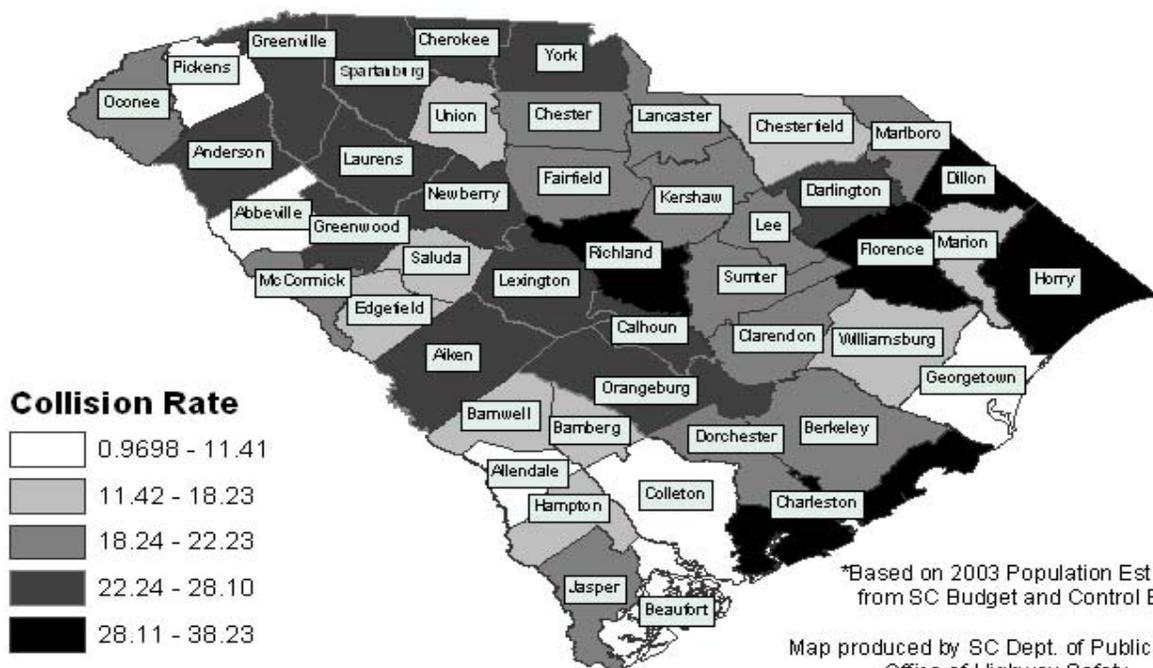
HIGHWAY PATROL TROOPS



Traffic Fatalities Per 100,000 Population*



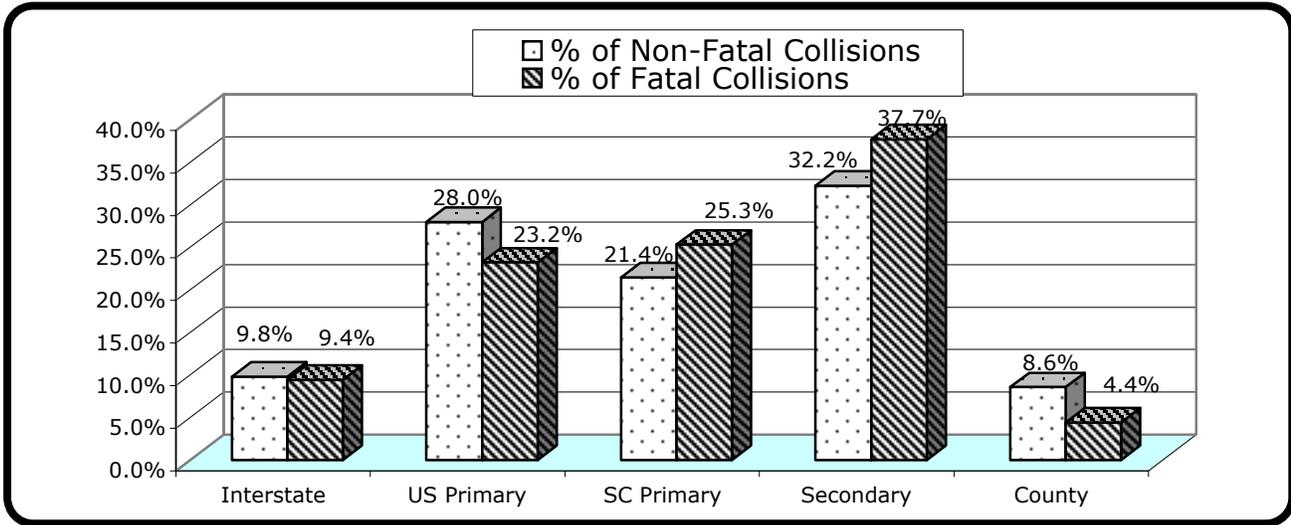
Traffic Collisions Per 1,000 Population*



*Based on 2003 Population Estimates from SC Budget and Control Board

Map produced by SC Dept. of Public Safety, Office of Highway Safety Geographic Information Services

ROUTE CATEGORY IN NON FATAL VS. FATAL COLLISIONS



There were 35,123 traffic collisions reported on Secondary routes during 2003. This was the most for the five route category classifications and accounted for 32.3% of all reported collisions. US Primary routes were a close second, accounting for 30,419 of the reported collision total. The fewest reported collisions were on County routes; a total of 9,286 were reported for these routes.

Secondary routes had the most fatal collisions by a wide margin. The 341 fatal collisions occurring on the Secondary route system accounted for 37.7% of the 905 fatal collisions reported in 2003. On the US Primary and SC Primary routes there were 210 and 229 (respectively) fatal collisions reported for the year. The fewest number of fatal collisions occurred on the County routes with 40 (4.4%). A total of 85 (9.3%) fatal collisions were reported for the Interstate routes.

TRAFFIC COLLISIONS BY FIRST HARMFUL EVENT LOCATION

FIRST HARMFUL EVENT LOCATION	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Gore	1	70	157	228	1	124
Island	1	52	110	163	1	73
Median	19	509	1,789	2,317	20	799
Roadside	149	2,877	5,013	8,039	159	3,900
Roadway	522	24,523	60,526	85,571	566	40,430
Shoulder	106	1,792	3,057	4,955	111	2,371
Sidewalk	3	96	157	256	3	117
Outside Traffic Way	99	1,746	3,274	5,119	103	2,299
Unknown	5	718	1,515	2,238	5	1,154
YEAR TOTALS	905	32,383	75,598	108,886	969	51,267

*Property Damage Only

TRAFFIC COLLISIONS ON INTERSTATES

ROUTE	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
I-20	12	370	1,315	1,697	12	573
I-26	17	695	2,547	3,259	19	1,066
I-77	7	208	781	996	8	322
I-85	9	320	1,345	1,674	9	487
I-95	37	369	1,243	1,649	43	716
I-126	1	25	69	95	1	38
I-185	0	8	9	17	0	8
I-385	2	149	556	707	2	207
I-526	0	133	384	517	0	187
I-585	0	7	29	36	0	11
TOTALS	85	2,284	8,278	10,647	94	3,615

*Property Damage Only

INTERSTATE COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	1	139	451	591	1	203
February	4	167	676	847	4	269
March	5	169	642	816	6	259
April	6	176	672	854	8	279
May	5	182	706	893	5	275
June	11	213	792	1,016	12	362
July	9	246	863	1,118	10	370
August	10	199	760	969	10	348
September	10	213	625	848	11	314
October	11	193	728	932	11	321
November	6	208	691	905	6	352
December	7	179	672	858	10	263
TOTALS	85	2,284	8,278	10,647	94	3,615

*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, trafficway, junction type, and work zone type 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, and surface conditions are substantially beyond the control of engineering or law enforcement efforts. Changes in traffic controls, road character, trafficway, junction type, and work zone type factors can all be effected by traffic engineering efforts.

As reflected in the statistics on the next two pages, most collisions occur under favorable environmental conditions: dry roadway (78.1%); clear weather (71.2%); daylight (71.6%); no traffic control device (64.0%); straight-level road (76.7%); and no junction (56.5%).

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 52.6% 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 (84.0%); clear weather (76.4%); daylight (45.5%); no traffic control (74.6%); and straight-level roadway (60.6%).

Environmental factors were the primary contributing factor in only 3.6% of all collisions in 2003. The environment may have been a contributing factor to collisions where it was not the primary contributing factor. Efforts to improve those environmental factors which can be controlled (especially traffic control and road character) 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	760	25,959	58,364	85,083	816	41,187
Wet	134	5,859	15,454	21,447	142	9,260
Icy	4	269	998	1,271	4	381
Slushy	2	24	51	77	2	37
Snowy	0	70	176	246	0	96
Contaminant (sand, mud, dirt, oil, etc)	0	9	12	21	0	12
Water (standing)	2	96	257	355	2	143
Other	1	32	86	119	1	47
Unknown	2	65	200	267	2	104
TOTALS	905	32,383	75,598	108,886	969	51,267

*Property Damage Only

WEATHER CONDITIONS

WEATHER CONDITIONS	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Clear/No Adverse Conditions	691	23,632	53,257	77,580	743	37,469
Rain	88	4,586	12,331	17,005	94	7,242
Cloudy	115	3,671	8,632	12,418	121	5,825
Sleet or Hail	1	87	309	397	1	144
Snow	0	124	388	512	0	173
Fog, Smog,Smoke	9	233	445	687	9	339
Blowing Sand, Soil, Dirt, or Snow	0	6	33	39	0	10
Severe Cross Winds, High Wind	0	6	31	37	0	9
Unknown	1	38	172	211	1	56
TOTALS	905	32,383	75,598	108,886	969	51,267

*Property Damage Only

LIGHT CONDITIONS

LIGHT CONDITIONS	COLLISION TYPE				PERSONS	
	Fatal	Injury	POD*	Total	Killed	Injured
Daylight	412	22,352	55,177	77,941	439	35,605
Dawn	20	481	1,181	1,682	20	646
Dusk	15	872	1,697	2,584	15	1,406
Dark (Lighting Unspecified)	30	1,012	1,996	3,038	30	1,611
Dark (Street Lamp Lit)	76	3,064	6,219	9,359	79	4,976
Dark (Street Lamp Not Lit)	6	247	448	701	6	386
Dark (No Lights)	346	4,355	8,880	13,581	380	6,637
TOTALS	905	32,383	75,598	108,886	969	51,267

*Property Damage Only

TRAFFIC CONTROLS

TRAFFIC CONTROLS	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Stop Sign	106	4526	8655	13,287	116	7931
Stop and Go Signal	47	5,823	12,608	18,478	48	9,832
Yield Sign	6	343	1,238	1,587	7	534
Officer / Flagman	1	57	108	166	1	79
RR Crossing Gates / Lights	1	17	73	91	2	25
RR Lights	0	11	26	37	0	14
None	675	19,803	48,911	69,389	723	29,971
Other Signs	28	388	688	1,104	31	612
RR Crossbucks	1	24	33	58	1	36
Flashing Traffic Signal	1	126	209	336	1	224
On Coming Emergency Veh	0	10	34	44	0	12
School Zone Sign	0	35	50	85	0	54
Work Zone	6	116	421	543	6	195
Pavement Markings (Only)	31	916	2,076	3,023	31	1,442
Flashing Beacon	0	14	38	52	0	31
Unknown	2	174	430	606	2	275
TOTALS	905	32,383	75,598	108,886	969	51,267

*Property Damage Only

ROAD CHARACTER

ROAD CHARACTER	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Straight - Level	548	24,226	58,745	83,519	588	38,817
Straight - On Grade	118	3,858	9,076	13,052	129	6,117
Straight - Hillcrest	19	767	1,679	2,465	23	1,226
Curve - Level	130	2,219	3,733	6,082	135	3,241
Curve - On Grade	74	1,204	2,161	3,439	77	1,685
Curve - Hillcrest	16	109	204	329	17	181
TOTALS	905	32,383	75,598	108,886	969	51,267

*Property Damage Only

TRAFFICWAY

TRAFFICWAY	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Two-Way, Not Divided	642	19,514	41,444	61,600	684	30,565
Two-Way, Divided, Unprotected Median	196	9,243	22,303	31,742	211	15,107
Two-Way, Divided, Barrier	55	2,366	7,955	10,376	60	3,663
One-Way	7	659	2,457	3,123	9	949
Other	5	601	1,439	2,045	5	983
TOTALS	905	32,383	75,598	108,886	969	51,267

*Property Damage Only

JUNCTION TYPE

JUNCTION TYPE	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Cross-Over	13	770	1,600	2,383	17	1,281
Driveway	26	1,813	4,743	6,582	28	3,004
Five/More Points	3	157	392	552	3	275
Four-Way Intersection	94	6,660	12,280	19,034	100	11,731
Railway Grade Crossing	5	68	131	204	7	104
Shared Use Paths/Trails	2	79	210	291	2	120
T-Intersection	101	4,679	10,850	15,630	109	7,733
Traffic Circle	1	56	164	221	1	85
Y-Intersection	13	398	1,072	1,483	17	687
Non-Junction	647	17,420	43,416	61,483	685	25,774
Unknown	0	283	740	1,023	0	473
TOTALS	905	32,383	75,598	108,886	969	51,267

*Property Damage Only

WORK ZONE TYPE

WORK ZONE TYPE	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Shoulder/Median Work	5	343	954	1,302	5	559
Lane Shift/Cross-over	3	49	209	261	4	92
Intermittent/Moving Work	5	85	250	340	5	124
Lane Closure	4	69	229	302	4	91
Other	5	94	256	355	5	140
Unknown	0	14	27	41	0	27
TOTALS	22	654	1,925	2,601	23	1,033

*Property Damage Only

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 2003 data are as follows:

- ◆ The most common unit involved in traffic crashes in 2003 was the automobile. Out of 203,010 units involved in traffic collisions during the year, 118,088 were automobiles. This represents 58.2% of the total units.
- ◆ For fatal collisions, a much smaller percentage of units were automobiles. Of the 1,480 units involved in fatal collisions, 624 or 42.2% were automobiles.
- ◆ There were 79 pedestrians killed in 2003. This represents 8.1% of all pedestrians involved in traffic crashes during the year, a proportion more than 16 times greater than for automobiles.
- ◆ There were 3 fatal crashes involving railway trains resulting in 4 fatalities.
- ◆ There were 85 fatal crashes involving motorcycles resulting in 88 fatalities. Eighty-seven of those fatalities were motorcyclists and only one was not.
- ◆ A total of 66 fatal crashes involving truck tractors resulted in 74 deaths in 2003.

MOTOR VEHICLE REGISTRATIONS BY COUNTY*

COUNTY	2002		2003	
	Registrations	Percent	Registrations	Percent
Abbeville	22,847	0.7	22,123	0.7
Aiken	121,878	3.7	123,972	3.7
Allendale	6,872	0.2	6,750	0.2
Anderson	146,849	4.5	146,874	4.4
Bamberg	12,109	0.4	11,882	0.4
Barnwell	18,459	0.6	18,337	0.5
Beaufort	98,067	3.0	104,829	3.1
Berkeley	110,897	3.4	116,696	3.5
Calhoun	15,571	0.5	15,091	0.4
Charleston	225,098	6.9	240,918	7.1
Cherokee	44,829	1.4	44,065	1.3
Chester	28,681	0.9	28,300	0.8
Chesterfield	36,564	1.1	36,799	1.1
Clarendon	24,289	0.7	24,666	0.7
Colleton	31,356	1.0	32,617	1.0
Darlington	53,275	1.6	53,738	1.6
Dillon	22,651	0.7	21,941	0.6
Dorchester	77,107	2.4	83,483	2.5
Edgefield	19,146	0.6	19,694	0.6
Fairfield	19,970	0.6	19,814	0.6
Florence	101,712	3.1	102,146	3.0
Georgetown	46,147	1.4	48,862	1.4
Greenville	315,775	9.6	321,910	9.5
Greenwood	53,536	1.6	54,903	1.6
Hampton	14,596	0.4	15,090	0.4
Horry	172,059	5.3	179,516	5.3
Jasper	14,807	0.5	15,115	0.4
Kershaw	48,480	1.5	49,568	1.5
Lancaster	53,461	1.6	52,781	1.6
Laurens	56,291	1.7	55,782	1.7
Lee	13,400	0.4	13,804	0.4
Lexington	190,655	5.8	199,128	5.9
McCormick	8,473	0.3	8,494	0.3
Marion	24,569	0.7	24,280	0.7
Marlboro	20,526	0.6	19,516	0.6
Newberry	32,542	1.0	32,975	1.0
Oconee	64,294	2.0	65,295	1.9
Orangeburg	69,614	2.1	69,752	2.1
Pickens	91,422	2.8	90,969	2.7
Richland	236,344	7.2	269,486	8.0
Saluda	17,033	0.5	16,951	0.5
Spartanburg	217,753	6.6	216,049	6.4
Sumter	79,552	2.4	81,005	2.4
Union	25,136	0.8	24,764	0.7
Williamsburg	27,143	0.8	26,731	0.8
York	144,887	4.4	148,170	4.4
STATE TOTALS	3,276,723	100.0	3,375,631	100.0

* Source: South Carolina Department of Motor Vehicles

UNIT TYPES INVOLVED IN TRAFFIC COLLISIONS

UNIT TYPE	COLLISION TYPE			TOTAL
	Fatal	Injury	PDO*	
Automobile**	624	35,252	82,212	118,088
Pickup Truck**	273	9,478	24,516	34,267
Truck Tractor**	72	1,090	3,254	4,416
Other Truck**	33	808	2,130	2,971
Full Size Van**	25	1,115	2,629	3,769
Minivan**	55	2,587	6,409	9,051
SUV**	182	6,864	17,659	24,705
Motorcycle**	93	1,182	324	1,599
Motor Bike	3	155	18	176
Pedalcycle	15	515	22	552
Animal Drawn Vehicle	0	1	3	4
Animal (Ridden)	0	2	1	3
Pedestrian	84	851	39	974
Train	3	27	31	61
School Bus**	0	121	235	356
Passenger Bus**	0	64	134	198
Other***	11	205	376	592
Unknown (Hit and Run Only)**	7	286	935	1,228
TOTALS	1,480	60,603	140,927	203,010

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 USE IN TRAFFIC COLLISIONS

VEHICLE USE	COLLISION TYPE			TOTAL
	Fatal	Injury	PDO*	
Personal	1,254	55,500	129,918	186,672
Driver Training	0	20	46	66
Construction/Maintenance	35	1,193	3,162	4,390
Ambulance	0	44	96	140
Military	0	9	31	40
Transport Passengers	7	446	863	1,316
Transport Property	75	1,388	4,076	5,539
Farm Use	5	82	163	250
Wrecker or Tow	1	83	189	273
Police	6	279	727	1,012
Government	4	153	453	610
Fire Fighting	0	37	80	117
Logging Truck	3	98	167	268
Pedestrian	79	856	47	982
Other	11	415	907	1,333
Unknown	0	0	2	2
TOTALS	1,480	60,603	140,927	203,010

*Property Damage Only

UNITS INVOLVED IN TRAFFIC COLLISIONS BY MOST HARMFUL EVENT

MOST HARMFUL EVENT (MHE)	COLLISION TYPE			TOTAL
	Fatal	Injury	PDO*	
Cargo/Equip. Loss or Shift	2	38	213	253
Cross Median / Center Line	5	95	197	297
Downhill Runaway	0	10	14	24
Equipment Failure	0	32	101	133
Fire/Explosion	7	33	39	79
Immersion	3	29	63	95
Jack-Knifed	0	10	68	78
Overturn/Rollover	154	2,233	2,056	4,443
Run off Road Left	0	8	25	33
Run Off Road Right	0	25	48	73
Separation of Units	0	10	33	43
Spill (2-wheel vehicle in single vehicle crash)	11	168	37	216
Other Non-Collision	11	391	886	1,288
Unknown Non-Collision	4	109	221	334
NON-COLLISION SUBTOTAL	197	3,191	4,001	7,389
Animal (Deer Only)	2	185	1,281	1,468
Animal (All Other)	2	88	330	420
Vehicle In Transport	830	42,327	101,990	145,147
Stopped Vehicle	33	6,475	17,399	23,907
Parked Vehicle	3	338	513	854
Vehicle in Transport In Other Roadway	10	405	1,760	2,175
Pedalcyclist	15	447	18	480
Pedestrian	84	806	38	928
Railway Train	6	27	39	72
Work Zone Maint. Equipment	0	13	25	38
Other Object Not Fixed	6	104	500	610
Unknown Movable Objects	0	10	70	80
OBJECT NOT FIXED SUBTOTAL	991	51,225	123,963	176,179
Bridge Overhead Structure/Underpass	1	7	42	50
Bridge Parapet End	0	13	7	20
Bridge/Pier/Abutment	3	26	38	67
Bridge Rail	5	68	198	271
Culvert Headwall	15	166	257	438
Curb	5	86	198	289
Ditch	33	1,239	2,515	3,787
Embankment	21	421	671	1,113
Equipment	1	16	35	52
Fence	3	156	632	791
Highway Guardrail End	5	87	198	290
Highway Guardrail Face	4	176	753	933
Highway Sign Post	2	59	309	370
Crash Cushion	0	10	38	48
Light Luminaire Support	0	19	46	65
Mailbox	1	54	200	255
Median Barrier	4	221	1,435	1,660
Overhead Sign Support	0	6	22	28
Other (Post, Pole, Support, Etc.)	4	141	358	503
Other (Wall, Building, Tunnel, etc.)	2	168	353	523
Tree	152	2,200	2,933	5,285
Utility Pole	27	544	908	1,479
Work Zone Maint. Equipment	1	4	16	21
Other Fixed Object	3	230	643	876
Unknown	0	70	158	228
FIXED OBJECT SUBTOTAL	292	6,187	12,963	19,442
YEAR TOTALS	1,480	60,603	140,927	203,010

*Property Damage Only

UNIT ACTION PRIOR TO IMPACT IN ALL TRAFFIC COLLISIONS

MANEUVER	NUMBER	%
VEHICLE		
Backing	3,118	1.5
Changing Lanes	5,550	2.7
Entering Traffic Lane	8,100	4.0
Leaving Traffic Lane	2,131	1.0
Making U Turn	681	0.3
Movement Essentially Straight Ahead	110,460	54.4
Overtaking/Passing	1,931	1.0
Parked	3,375	1.7
Slowing or Stopped In Traffic	40,804	20.1
Turning Left	18,591	9.2
Turning Right	4,808	2.4
VEHICLE SUBTOTAL	199,549	98.3
NON-MOTORIST		
Approaching /Leaving Vehicle	37	0.0
Entering/Crossing Location	305	0.2
Playing/Working on Vehicle	21	0.0
Pushing Vehicle	6	0.0
Standing	136	0.1
Walking/Playing/Cycling	764	0.4
Working	24	0.0
NON-MOTORIST SUBTOTAL	1,293	0.6
Other	652	0.3
Unknown	1,516	0.7
TOTAL UNITS	203,010	100.0

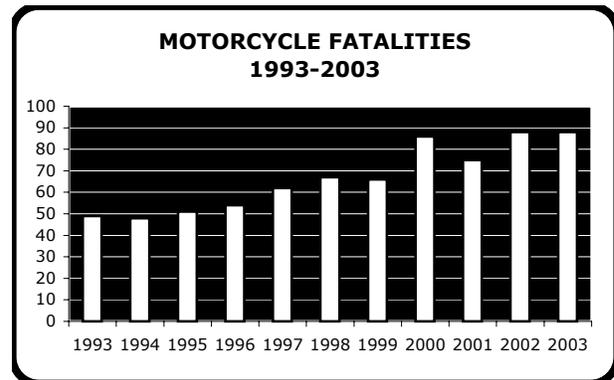
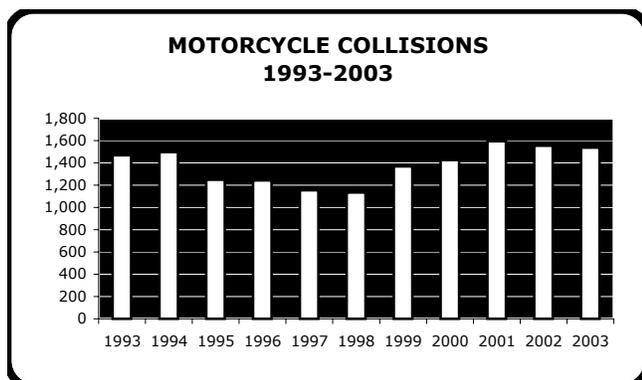
By far the most frequent action prior to impact for units involved in traffic collisions in 2003 was "Movement Essentially Straight Ahead," with 54.4% of the total units. The next action, "Slowing or Stopped" in traffic accounted for 20.1% of the units. The third, fourth and fifth actions involved units which were "Turning Left" (9.2%) followed by "Entering Traffic Lane" (4.0%) and "Changing Lanes" (2.7%). Combined the top five categories accounted for more than 90% of all units involved in traffic collisions.

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
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	41,163	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
2001	1,595	74	75	1,265	1,588	256	56,457	13.3	2.8
2002	1,553	82	88	1,160	1,414	311	61,167	14.4	2.5
2003	1,537	85	88	1,133	1,406	319	68,539	12.8	2.2

¹Based on 10,000 cycle registrations

²Based on 100 cycle registrations



*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
1999	64	1,050	255	1,369	66	1,294
2000	82	1,055	289	1,426	86	1,292
2001	74	1,265	256	1,595	75	1,588
2002	82	1,160	311	1,553	88	1,414
2003	85	1,133	319	1,537	88	1,406
TOTALS	302	4,530	1,111	5,943	315	5,588

*Property Damage Only

COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	2	25	3	30	2	28
February	1	40	16	57	2	44
March	4	66	15	85	4	79
April	6	101	37	144	6	127
May	24	238	49	311	25	318
June	8	132	48	188	8	162
July	7	108	27	142	7	130
August	10	117	37	164	11	152
September	7	111	22	140	7	126
October	7	101	28	136	7	125
November	6	67	28	101	6	76
December	3	27	9	39	3	39
TOTALS	85	1,133	319	1,537	88	1,406

*Property Damage Only

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	48	696	203	947	50	864
Dark & Clear/Cloudy	34	394	101	529	35	489
Day & Rain	2	28	5	35	2	36
Dark & Rain	1	11	8	20	1	13
Day & Other Weather	0	4	1	5	0	4
Dark & Other Weather	0	0	1	1	0	0
TOTALS	85	1,133	319	1,537	88	1,406

*Property Damage Only

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

TRAFFIC COLLISIONS INVOLVING MOTORCYCLES

SEX OF MOTORCYCLISTS

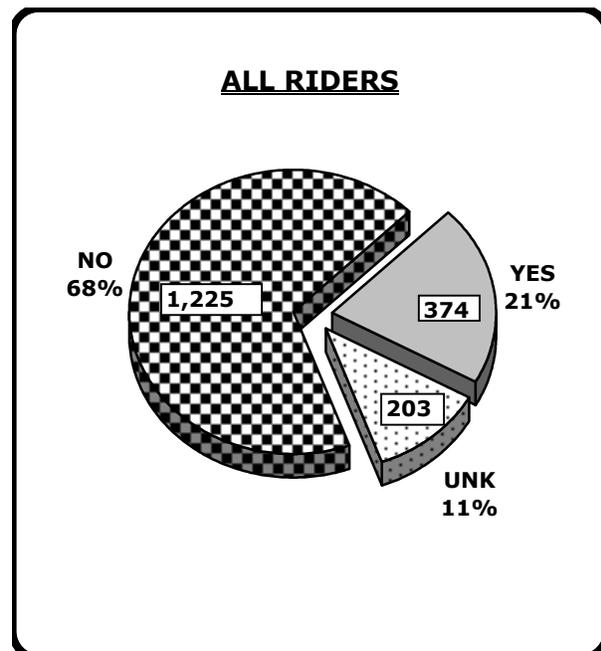
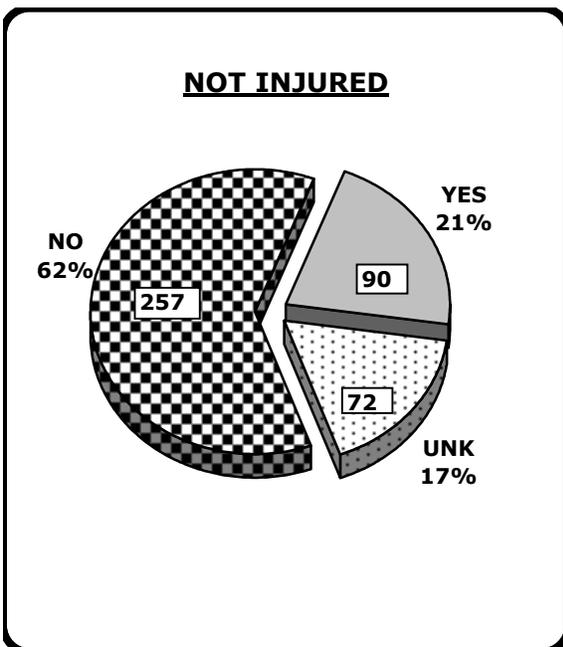
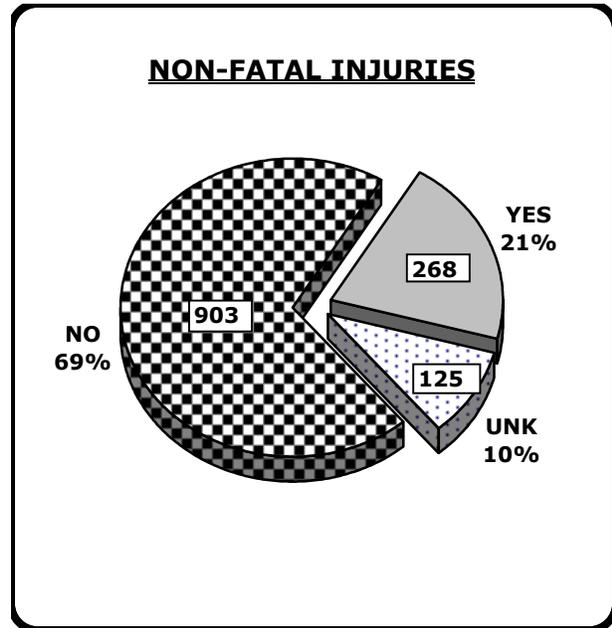
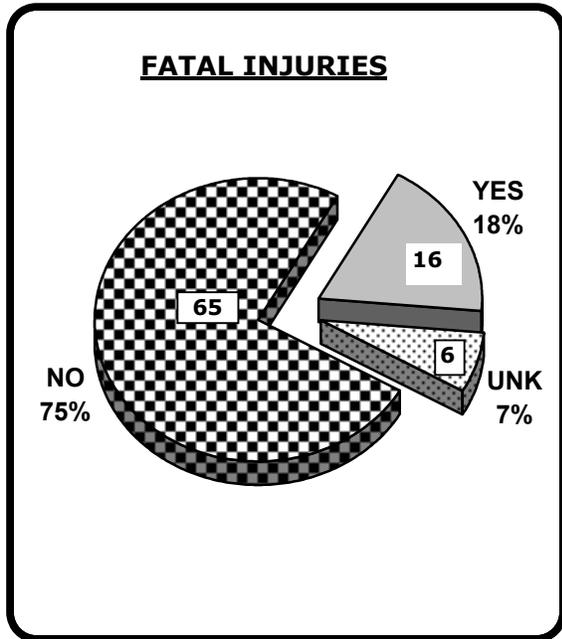
SEX	CASUALTY TYPE			TOTALS
	Fatality	Non-Fatal Injury	Not Injured	
Male	80	1,063	362	1,505
Female	7	232	42	281
Unknown	0	1	15	16
TOTALS	87	1,296	419	1,802

AGE AND HELMET USAGE OF MOTORCYCLISTS

HELMET USAGE	CASUALTY TYPE			TOTALS
	Fatality	Non-Fatal Injury	Not Injured	
HELMET USED				
Under 15	0	3	2	5
15-20	1	39	11	51
21-24	1	33	11	45
25-34	4	61	29	94
35-44	2	60	14	76
45 and Over	8	71	22	101
Unknown	0	1	1	2
SUBTOTAL	16	268	90	374
HELMET NOT USED				
Under 15	1	13	2	16
15-20	2	68	19	89
21-24	4	89	25	118
25-34	23	273	67	363
35-44	18	220	71	309
45 and Over	17	236	69	322
Unknown	0	4	4	8
SUBTOTAL	65	903	257	1,225
UNKNOWN				
Under 15	0	3	0	3
15-20	1	6	8	15
21-24	0	16	10	26
25-34	3	35	20	58
35-44	0	22	7	29
45 and Over	2	38	11	51
Unknown	0	5	16	21
SUBTOTAL	6	125	72	203
TOTALS	87	1,296	419	1,802

Out of 87 motorcycle riders killed in 2003, 80 were male, 40 were under age 35 and 65 were not wearing a helmet. Out of the 1,802 riders of motorcycles who were involved in traffic collisions, 374 were wearing a helmet, 1,225 were not, and for 203 riders, helmet usage was unknown. For those cyclists under 21 years of age, helmet usage is required by law. For this group, 1 fatality was wearing a helmet, and 3 fatalities were not.

MOTORCYCLE HELMET USAGE



TRAFFIC COLLISIONS INVOLVING OTHER MOTORIZED BIKES

COLLISIONS BY YEAR

YEAR	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
1999	2	106	12	120	2	117
2000	1	131	9	141	1	141
2001	12	132	23	167	12	155
2002	4	134	23	161	4	150
2003	3	154	18	175	3	183
TOTALS	22	657	85	764	22	746

* Property Damage Only

COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	0	6	2	8	0	8
February	0	12	1	13	0	12
March	0	13	0	13	0	17
April	0	13	1	14	0	13
May	1	17	1	19	1	22
June	0	20	1	21	0	22
July	0	19	1	20		22
August	1	13	1	15	1	15
September	0	11	2	13	0	14
October	1	17	2	20	1	22
November	0	8	5	13	0	10
December	0	5	1	6	0	6
TOTALS	3	154	18	175	3	183

* Property Damage Only

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	2	99	10	111	2	115
Dark & Clear/Cloudy	1	46	6	53	1	59
Day & Rain	0	6	0	6	0	6
Dark & Rain	0	3	2	5	0	3
TOTALS	3	154	18	175	3	183

* Property Damage Only

**Includes all fatalities and injuries in the collision not just to other motorized bike riders.

TRAFFIC COLLISIONS INVOLVING OTHER MOTORIZED BIKES

COLLISIONS BY DAY OF WEEK

DAY OF WEEK	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Sunday	0	16	3	19	0	17
Monday	0	30	1	31	0	35
Tuesday	2	15	3	20	2	21
Wednesday	0	19	0	19	0	23
Thursday	0	21	4	25	0	23
Friday	1	19	2	22	1	25
Saturday	0	34	5	39	0	39
TOTALS	3	154	18	175	3	183

* 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	3	1	4	0	4
6:01am-9:00am	0	6	2	8	0	6
9:01am-Noon	0	15	1	16	0	17
12:01pm-3:00pm	0	17	6	23	0	20
3:01pm-6:00pm	1	59	2	62	1	70
6:01pm-9:00pm	1	34	3	38	1	39
9:01pm-Midnight	1	13	3	17	1	19
TOTALS	3	154	18	175	3	183

* Property Damage Only

COLLISIONS BY WHO CONTRIBUTED TO CRASH

UNITS INVOLVED	COLLISION TYPE			Totals
	Fatal	Injury	PDO*	
Motorized Bike Driver Contributed	2	101	11	114
Motorized Bike Driver Did Not Contribute	1	54	7	62
TOTAL MOPED DRIVERS	3	155	18	176
Other Driver Contributed	1	53	7	61
Other Driver Did Not Contribute	4	61	13	78
TOTAL OTHER DRIVERS	5	114	20	139
TOTALS	8	269	38	315

* Property Damage Only

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

TRAFFIC COLLISIONS INVOLVING PEDALCYCLES

COLLISIONS BY YEAR

YEAR	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
1999	14	468	16	498	14	498
2000	25	490	21	536	25	524
2001	25	464	29	518	25	502
2002	16	478	30	524	16	505
2003	15	510	20	545	15	534
TOTALS	95	2,410	116	2,621	95	2,563

COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	0	25	1	26	0	32
February	2	22	1	25	2	22
March	0	29	2	31	0	31
April	3	44	1	48	3	45
May	1	50	0	51	1	52
June	2	51	1	54	2	52
July	2	61	5	68	2	62
August	1	60	5	66	1	60
September	1	50	1	52	1	55
October	0	53	2	55	0	55
November	1	37	0	38	1	39
December	2	28	1	31	2	29
TOTALS	15	510	20	545	15	534

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	8	365	14	387	8	377
Dark & Clear/Cloudy	6	120	4	130	6	128
Day & Rain	1	14	0	15	1	14
Dark & Rain	0	9	2	11	0	13
Day & Other Weather	0	1	0	1	0	1
Dark & Other Weather	0	1	0	1	0	1
TOTALS	15	510	20	545	15	534

* 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	1	53	1	55	1	56
Monday	5	79	6	90	5	82
Tuesday	1	67	6	74	1	71
Wednesday	2	86	3	91	2	89
Thursday	2	78	2	82	2	84
Friday	1	84	1	86	1	89
Saturday	3	63	1	67	3	63
TOTALS	15	510	20	545	15	534

COLLISIONS BY TIME OF DAY

TIME OF DAY	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
12:01am-3:00am	0	11	0	11	0	12
3:01am-6:00am	0	3	0	3	0	4
6:01am-9:00am	3	36	1	40	3	37
9:01am-Noon	1	51	0	52	1	53
12:01pm-3:00pm	1	93	3	97	1	94
3:01pm-6:00pm	1	175	7	183	1	178
6:01pm-9:00pm	8	105	7	120	8	115
9:01pm-Midnight	1	36	2	39	1	41
TOTALS	15	510	20	545	15	534

AGE & SEX OF PEDALCYCLISTS

AGE	CASUALTY TYPE						TOTALS	
	Fatality		Non Fatal Injury		Not Injured		Male	Female
	Male	Female	Male	Female	Male	Female		
Under 10	0	0	42	11	0	0	42	11
10-11	1	0	29	6	2	0	32	6
12-15	0	0	69	11	6	0	75	11
16-20	1	0	58	8	5	1	64	9
21-30	2	0	50	11	5	1	57	12
Over 30	10	1	191	26	8	0	209	27
Unknown	0	0	1	0	0	0	1	0
TOTALS	14	1	440	73	26	2	480	76

* 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
1999	3	103	235	341	4	473
2000	2	113	228	343	3	479
2001	4	136	232	372	5	494
2002	4	120	229	353	4	427
2003	0	118	233	351	0	405
TOTALS	13	590	1,157	1,760	16	2,278

COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	0	14	21	35	0	46
February	0	15	22	37	0	69
March	0	11	22	33	0	47
April	0	11	27	38	0	58
May	0	14	17	31	0	36
June	0	1	8	9	0	2
July	0	2	2	4	0	3
August	0	10	13	23	0	45
September	0	10	29	39	0	25
October	0	8	18	26	0	20
November	0	9	29	38	0	24
December	0	13	25	38	0	30
TOTALS	0	118	233	351	0	405

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	0	94	195	289	0	346
Dark & Clear/Cloudy	0	2	8	10	0	4
Day & Rain	0	15	26	41	0	27
Dark & Rain	0	0	3	3	0	0
Day & Other Weather	0	7	1	8	0	28
Dark & Other Weather	0	0	0	0	0	0
TOTALS	0	118	233	351	0	405

* 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	1	4	5	0	1
Monday	0	16	31	47	0	41
Tuesday	0	17	41	58	0	91
Wednesday	0	30	52	82	0	87
Thursday	0	25	61	86	0	80
Friday	0	29	41	70	0	105
Saturday	0	0	3	3	0	0
TOTALS	0	118	233	351	0	405

COLLISIONS BY TIME OF DAY

TIME OF DAY	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
12:01am-3:00am	0	1	0	1	0	14
3:01am-6:00am	0	1	1	2	0	1
6:01am-9:00am	0	45	75	120	0	147
9:01am-Noon	0	10	19	29	0	15
12:01pm-3:00pm	0	16	57	73	0	27
3:01pm-6:00pm	0	44	76	120	0	193
6:01pm-9:00pm	0	1	5	6	0	8
9:01pm-Midnight	0	0	0	0	0	0
TOTALS	0	118	233	351	0	405

COLLISIONS BY WHO CONTRIBUTED TO CRASH

UNITS INVOLVED	COLLISION TYPE			Totals
	Fatal	Injury	PDO*	
Bus Driver Contributed	0	44	88	132
Bus Driver Did Not Contribute	0	77	147	224
TOTAL SCHOOL BUS DRIVERS	0	121	235	356
Other Driver Contributed	0	72	149	221
Other Driver Did Not Contribute	0	55	84	139
TOTAL OTHER DRIVERS	0	127	233	360
TOTALS	0	248	468	716

* 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
1999	111	814	21	946	112	951
2000	80	814	26	920	83	970
2001	108	780	34	922	110	899
2002	89	803	32	924	97	948
2003	78	816	35	929	79	936
TOTALS	388	3,211	113	3,712	402	3,768

COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	7	55	1	63	7	74
February	7	49	2	58	7	55
March	4	77	3	84	4	83
April	7	67	2	76	7	78
May	4	60	5	69	4	65
June	5	76	2	83	5	83
July	9	60	1	70	9	66
August	8	67	3	78	8	77
September	9	69	2	80	10	77
October	8	82	7	97	8	94
November	5	83	4	92	5	102
December	5	71	3	79	5	82
TOTALS	78	816	35	929	79	936

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	13	407	15	435	13	458
Dark & Clear/Cloudy	60	331	17	408	61	383
Day & Rain	0	23	1	24	0	27
Dark & Rain	4	47	2	53	4	60
Day & Other Weather	0	2	0	2	0	2
Dark & Other Weather	1	6	0	7	1	6
TOTALS	78	816	35	929	79	936

*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.	%
Approaching or Leaving Vehicle	3	3.8	17	2.0	2	4.2
Entering/Crossing Location	18	22.8	189	22.3	5	10.4
Playing/Working on Vehicle	0	0.0	11	1.3	1	2.1
Pushing Vehicle	1	1.3	2	0.2	1	2.1
Standing	8	10.1	95	11.2	13	27.1
Walking or Playing	41	51.9	456	53.8	21	43.8
Working	1	1.3	19	2.2	0	0.0
Other	6	7.6	36	4.3	3	6.3
Unknown	1	1.3	22	2.6	2	4.2
TOTALS	79	100.0	847	100.0	48	100.0

AGE AND SEX OF PEDESTRIANS

AGE	PEDESTRIANS							
	Killed		Injured		Not Injured		TOTALS	
	Male	Female	Male	Female	Male	Female	Male	Female
Under 5	1	1	14	10	0	0	15	11
5-9	0	2	37	18	1	1	38	21
10-14	0	2	51	44	0	5	51	51
15-19	2	2	52	31	7	2	61	35
20-24	9	0	51	22	4	0	64	22
25-34	8	5	87	40	3	2	98	47
35-44	9	6	99	56	7	2	115	64
45-54	10	3	76	38	2	2	88	43
55-64	7	2	44	23	0	0	51	25
65-74	5	1	15	10	1	0	21	11
75 & Older	3	1	9	12	1	0	13	13
Not Stated	0	0	5	3	4	0	9	3
TOTALS	54	25	540	307	30	14	624	346

TRAFFIC COLLISIONS INVOLVING TRAINS

TEN YEAR SUMMARY

YEAR	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
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	2	26	40	68	5	36
1999	3	18	35	56	3	28
2000	7	22	40	69	7	30
2001	4	26	23	53	4	37
2002	5	24	31	60	6	42
2003	3	27	31	61	4	40
TOTALS	54	274	379	707	63	411

*Property Damage Only

RAILWAY TRAIN COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	0	0	6	6	0	0
February	0	0	1	1	0	0
March	0	2	1	3	0	3
April	1	3	5	9	2	3
May	0	1	1	2	0	3
June	0	2	1	3	0	2
July	1	5	2	8	1	7
August	0	0	3	3	0	0
September	0	6	5	11	0	10
October	1	4	2	7	1	4
November	0	1	1	2	0	3
December	0	3	3	6	0	5
TOTALS	3	27	31	61	4	40

*Property Damage Only

TRAFFIC COLLISIONS INVOLVING TRAINS

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	2	11	19	32	3	17
Dark & Clear/Cloudy	1	11	8	20	1	11
Day & Rain	0	4	2	6	0	8
Dark & Rain	0	1	2	3	0	4
TOTALS	3	27	31	61	4	40

*Property Damage Only

COLLISIONS BY ROUTE CATEGORY

ROUTE CATEGORY	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Interstate	0	0	1	1	0	0
US Primary	0	3	5	8	0	6
SC Primary	0	1	5	6	0	1
Secondary	2	16	12	30	3	26
County	1	7	8	16	1	7
TOTALS	3	27	31	61	4	40

COLLISIONS BY TRAFFIC CONTROL DEVICE

DEVICE TYPE	COLLISION TYPE				PERSONS	
	Fatal	Injury	PDO*	Total	Killed	Injured
Stop Sign	1	5	2	8	2	7
None	1	5	5	11	1	7
Stop and Go Light	0	1	0	1	0	3
RR Crossing Gates/Lights	0	1	9	10	0	1
RR (X-Bucks and Lights)	0	5	5	10	0	5
Other Regulatory Sign	0	1	0	1	0	3
RR Crossbucks Only	1	9	10	20	1	14
TOTALS	3	27	31	61	4	40

*Property Damage Only

TRAFFIC COLLISIONS INVOLVING SUV'S

COLLISIONS BY YEAR

YEAR	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
2001	144	4,506	10,272	14,922	133	7,717
2002	143	5,407	13,659	19,209	161	9,262
2003	174	6,334	16,166	22,674	184	10,577
TOTALS	461	16,247	40,097	56,805	478	27,556

COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	7	429	1134	1570	8	674
February	8	413	1155	1576	8	701
March	13	517	1309	1839	15	853
April	10	535	1388	1933	12	883
May	16	580	1352	1948	16	962
June	18	533	1386	1937	18	921
July	21	587	1476	2084	22	997
August	14	549	1396	1959	15	938
September	13	516	1262	1791	14	837
October	22	605	1470	2097	22	1005
November	16	555	1353	1924	16	933
December	16	515	1485	2016	18	873
TOTALS	174	6,334	16,166	22,674	184	10,577

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	71	3,921	10,494	14,486	74	6,495
Dark & Clear/Cloudy	80	1,384	2,745	4,209	86	2,357
Day & Rain	10	669	1,919	2,598	10	1,112
Dark & Rain	12	262	737	1,011	13	464
Day & Other Weather	1	54	165	220	1	79
Dark & Other Weather	0	44	106	150	0	70
TOTALS	174	6,334	16,166	22,674	184	10,577

* Property Damage Only

** Includes all fatalities and injuries in the collision, not just to the SUV occupants.

TRAFFIC COLLISIONS INVOLVING SUV'S

COLLISIONS BY DAY OF WEEK

DAY OF WEEK	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Sunday	33	658	1,510	2,201	34	1,169
Monday	13	867	2,303	3,183	13	1,423
Tuesday	18	881	2,281	3,180	18	1,401
Wednesday	24	906	2,430	3,360	27	1,475
Thursday	17	967	2,621	3,605	19	1,531
Friday	31	1,098	2,830	3,959	34	1,834
Saturday	38	957	2,191	3,186	39	1,744
TOTALS	174	6,334	16,166	22,674	184	10,577

COLLISIONS BY TIME OF DAY

TIME OF DAY	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
12:01am-3:00am	23	280	577	880	27	451
3:01am-6:00am	15	204	362	581	16	282
6:01am-9:00am	9	753	2,133	2,895	9	1,113
9:01am-Noon	9	787	2,069	2,865	10	1,305
12:01pm-3:00pm	24	1,250	3,408	4,682	24	2,086
3:01pm-6:00pm	30	1,698	4,523	6,251	31	2,902
6:01pm-9:00pm	33	868	2,112	3,013	34	1,538
9:01pm-Midnight	31	494	982	1,507	33	900
TOTALS	174	6,334	16,166	22,674	184	10,577

COLLISIONS BY WHO CONTRIBUTED TO CRASH

UNITS INVOLVED	COLLISION TYPE			Totals
	Fatal	Injury	PDO*	
SUV Driver Contributed	107	3,470	8,383	11,960
SUV Driver Did Not Contribute	75	3,394	9,276	12,745
TOTAL SUV DRIVERS	182	6,864	17,659	24,705
Other Driver Contributed	67	2,812	7,451	10,330
Other Driver Did Not Contribute	56	3,397	7,264	10,717
TOTAL OTHER DRIVERS	123	6,209	14,715	21,047
TOTALS	123	13,073	32,374	45,570

* Property Damage Only

** Includes all fatalities and injuries in the collision, not just to the SUV occupants.

TRAFFIC COLLISIONS INVOLVING TRUCK TRACTORS

COLLISIONS BY YEAR

YEAR	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
1999	97	1,107	2,775	3,979	114	2,709
2000	89	1,100	2,821	4,010	105	1,774
2001	80	1,006	2,614	3,700	89	1,600
2002	71	1,020	2,989	4,080	86	1,573
2003	66	1,025	3,069	4,160	74	1,560
TOTALS	337	4,233	11,199	15,769	394	7,656

COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	4	80	217	301	4	121
February	3	77	223	303	3	123
March	8	82	268	358	9	120
April	7	87	251	345	8	121
May	5	75	282	362	6	117
June	2	98	284	384	2	145
July	8	83	284	375	8	130
August	3	94	244	341	4	150
September	8	76	231	315	10	122
October	6	91	291	388	7	133
November	6	83	237	326	6	138
December	6	99	257	362	7	140
TOTALS	66	1,025	3,069	4,160	74	1,560

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	35	663	2,050	2,748	38	989
Dark & Clear/Cloudy	26	202	517	745	29	322
Day & Rain	2	101	317	420	3	146
Dark & Rain	2	40	126	168	3	71
Day & Other Weather	1	13	44	58	1	26
Dark & Other Weather	0	6	15	21	0	6
TOTALS	66	1,025	3,069	4,160	74	1,560

*Property Damage Only

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

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	2	48	148	198	3	99
Monday	16	205	520	741	19	300
Tuesday	14	183	532	729	15	260
Wednesday	12	191	565	768	13	276
Thursday	8	185	575	768	10	275
Friday	7	147	532	686	7	232
Saturday	7	66	197	270	7	118
TOTALS	66	1,025	3,069	4,160	74	1,560

TRUCK TRACTOR UNITS BY ATTACHMENT TYPES**

ATTACHMENT TYPE	COLLISION TYPE			TOTAL	
	Fatal	Injury	PDO*	Number	Percent
None	8	144	427	579	13.1%
Mobile Home	1	4	28	33	0.7%
Semi-Trailer	46	684	2,195	2,925	66.2%
Utility Trailer	1	14	38	53	1.2%
Farm Trailer	1	2	5	8	0.2%
Trailer with Boat	0	2	6	8	0.2%
Camper Trailer	0	0	3	3	0.1%
Towed Motor Vehicle	0	1	8	9	0.2%
Petroleum Tanker	1	22	46	69	1.6%
Lowboy Trailer	1	12	69	82	1.9%
Auto Carrier Trailer	1	9	40	50	1.1%
Other Tanker	3	36	55	94	2.1%
Flat Bed	6	89	186	281	6.4%
Other	0	12	24	36	0.8%
Twin Trailers	3	59	124	186	4.2%
TOTALS	72	1,090	3,254	4,416	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
1999	62	3,434	7,487	10,983	81	6,449
2000	81	3,150	7,593	10,824	99	5,888
2001	71	3,511	7,443	11,025	75	6,479
2002	73	3,513	8,455	12,041	82	6,380
2003	79	3,552	8,662	12,293	86	6,433
TOTALS	366	17,160	39,640	57,166	423	31,629

COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	3	269	622	894	3	482
February	4	255	616	875	4	448
March	9	291	699	999	11	535
April	6	316	733	1055	6	552
May	7	311	722	1040	8	535
June	8	295	700	1003	9	523
July	7	301	804	1112	7	585
August	5	331	759	1095	5	639
September	10	295	672	977	11	522
October	9	304	829	1142	9	545
November	5	292	700	997	5	525
December	6	292	806	1104	8	542
TOTALS	79	3,552	8,662	12,293	86	6,433

* Property Damage Only

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	41	2,337	5,989	8,367	43	4,141
Dark & Clear/Cloudy	32	659	1,319	2,010	36	1,319
Day & Rain	4	383	947	1,334	5	664
Dark & Rain	2	129	293	424	2	234
Day & Other Weather	0	24	73	97	0	46
Dark & Other Weather	0	20	41	61	0	29
TOTALS	79	3,552	8,662	12,293	86	6,433

* Property Damage Only

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

*** 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	13	319	646	978	16	648
Monday	10	528	1,359	1,897	10	908
Tuesday	9	552	1,267	1,828	9	945
Wednesday	10	532	1,347	1,889	12	970
Thursday	12	503	1,412	1,927	12	871
Friday	13	642	1,607	2,262	14	1,090
Saturday	12	476	1,024	1,512	13	1,001
TOTALS	79	3,552	8,662	12,293	86	6,433

COLLISIONS BY TIME OF DAY

TIME OF DAY	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
12:01am-3:00am	6	76	189	271	6	140
3:01am-6:00am	7	73	149	229	7	128
6:01am-9:00am	7	433	1,155	1,595	9	734
9:01am-Noon	3	522	1,384	1,909	3	894
12:01pm-3:00pm	16	784	1,949	2,749	17	1,390
3:01pm-6:00pm	16	961	2,459	3,436	16	1,708
6:01pm-9:00pm	11	505	977	1,493	14	1,057
9:01pm-Midnight	13	198	400	611	14	382
TOTALS	79	3,552	8,662	12,293	86	6,433

COLLISIONS BY WHO CONTRIBUTED TO CRASH

UNITS INVOLVED	COLLISION TYPE			Totals
	Fatal	Injury	PDO*	
Van Driver Contributed	41	1,899	4,721	6,661
Van Driver Did Not Contribute	39	1,803	4,317	6,159
TOTAL VAN DRIVERS	80	3,702	9,038	12,820
Other Driver Contributed	35	2,235	4,551	6,821
Other Driver Did Not Contribute	39	1,749	4,230	6,018
TOTAL OTHER DRIVERS	74	3,984	8,781	12,839
TOTALS	154	7,686	17,819	25,659

* Property Damage Only

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

*** 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
1999	232	8,715	20,992	29,939	254	14,381
2000	231	8,532	20,698	29,461	251	13,918
2001	255	8,447	19,628	28,330	284	13,657
2002	243	8,587	21,727	30,557	273	13,944
2003	251	8,623	22,152	31,026	266	13,696
TOTALS	1,212	42,904	105,197	149,313	1,328	69,596

COLLISIONS BY MONTH

MONTH	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
January	15	622	1,649	2,286	15	967
February	22	587	1,628	2,237	23	953
March	20	694	1,780	2,494	22	1,073
April	14	763	1,848	2,625	14	1,177
May	22	744	1,844	2,610	25	1,177
June	22	761	1,885	2,668	22	1,216
July	9	748	1,920	2,677	9	1,190
August	17	738	1,890	2,645	19	1,179
September	29	670	1,827	2,526	31	1,042
October	28	809	2,057	2,894	31	1,314
November	30	744	1,868	2,642	32	1,214
December	23	743	1,956	2,722	23	1,194
TOTALS	251	8,623	22,152	31,026	266	13,696

COLLISIONS BY LIGHT AND WEATHER CONDITIONS

LIGHT & WEATHER	COLLISION TYPE				PERSONS**	
	Fatal	Injury	PDO*	Total	Killed	Injured
Day & Clear/Cloudy	115	5,267	14,435	19,817	122	8,421
Dark & Clear/Cloudy	107	1,933	3,864	5,904	113	3,030
Day & Rain	15	898	2,466	3,379	15	1,441
Dark & Rain	10	390	989	1,389	12	607
Day & Other Weather	1	64	191	256	1	94
Dark & Other Weather	3	71	207	281	3	103
TOTALS	251	8,623	22,152	31,026	266	13,696

* Property Damage Only

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

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	1	0	1	0	2	0
15-19	26	3	778	153	2,137	346	2,941	502
20-24	26	0	878	137	2,386	297	3,290	434
25-34	50	6	1,437	286	4,039	576	5,526	868
35-44	51	7	1,656	283	4,348	635	6,055	925
45-54	31	5	1,426	226	3,528	537	4,985	768
55-64	25	4	953	142	2,386	267	3,364	413
65-74	16	0	453	61	1,141	86	1,610	147
75 & Older	12	1	243	17	518	43	773	61
Unknown	0	0	0	0	0	0	0	0
TOTALS	237	26	7,825	1,305	20,484	2,787	28,546	4,118

*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	0	0	5	2	7	3	12	5
15-19	0	0	5	1	19	2	24	3
20-24	0	0	1	0	8	2	9	2
25-34	1	0	3	0	4	2	8	2
35-44	0	0	2	0	4	0	6	0
45-54	0	0	1	0	2	1	3	1
55-64	0	0	0	0	0	1	0	1
65-74	0	0	0	0	0	1	0	1
75 & Older	0	0	0	0	0	0	0	0
TOTALS	1	0	17	3	44	12	62	15

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